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Lawrence Berkeley Laboratory Environment, Safety, and Health Self-Assessment Report, Appendix D: Self-Assessment Database

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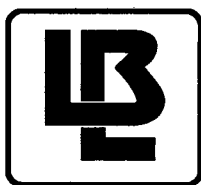
LAWRENCE BERKELEY LABORATORY

Environment, Safety, and Health

Self-Assessment Report

Appendix D: Self-Assessment Database

January 7, 1991



Lawrence Berkeley Laboratory
University of California
Berkeley, California

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Self-assessment Database --Records Submitted as of 5:00 pm 1/2/91
Records totals by building with page reference to Appendix D.2

Building	Total	Corrected	Outstanding	Page #
(blank)*	850	535	315	1
002 (see also p. 92)	1		1	15
1	1702	156	1546	15
10	221	30	191	72
10/80	16		16	81
10A	29		29	82
10C	2		2	83
14	42	10	32	83
16	169	6	163	85
17	1		1	90
177	22		22	90
177 RFS	1		1	91
18	20		20	91
2 (see also p. 15)	421	4	417	92
2 ALS	1		1	105
25	344	13	331	105
25A	130	28	102	115
26	76	25	51	120
27	81	21	60	123
29	300	59	241	126
29A	51	14	37	136
29B	27	9	18	138
29C	1	1	0	139
3	304	1	303	139
31	75	11	64	150

* Non- building designations include: *blank*, p. 1; *All*, p. 603; *hill-lab-wide*, p. 622-623; *many*, *NA*, *none*, p 624-625; *site*, *sitewide*, p. 635-638 ; *several* , p. 635.

Self-assessment Database --Records Submitted as of 5:00 pm 1/2/91
Records totals by building with page reference to Appendix D.2

Building	Total	Corrected	Outstanding	Page #
350B	1		1	153
37	29	1	28	153
4	24	8	16	154
40	22	3	19	155
41	26	5	21	155
42 (see also p. 635)	41	2	39	156
42A	6		6	158
43	8		8	158
44	25		25	158
44A	11	9	2	159
45	10		10	160
46	408	80	328	160
46/46A	8	1	7	175
46A	55	22	33	175
46B	12		12	177
47	65	4	61	178
47 Bsmt	1		1	181
48	42	1	41	181
48/Exit	1		1	182
48A	1		1	182
4A	4		4	182
5	73	9	64	183
5(2)	1		1	185
50	601	72	529	185
50, 58A	1		1	206
50 Complex	2		2	206
50 et al	1		1	206

Self-assessment Database --Records Submitted as of 5:00 pm 1/2/91
Records totals by building with page reference to Appendix D.2

Building	Total	Corrected	Outstanding	Page #
50A	533	34	499	206
50B	406	50	356	224
50B & 50F	1		1	240
50C	23	2	21	240
50D	7		7	241
50E	99		99	241
50F	29		29	244
51	823	45	778	246
51/58/62/64/77/78/79/ 88	1		1	273
51,71, 64	1		1	273
51,71,64	3		3	273
51A	83	1	82	273
51A & 51B	1		1	276
51A & 51N	4		4	276
51B	321	18	303	276
51C	22	1	21	286
51L	5		5	287
52	61		61	288
52B	7	3	4	290
53	65	1	64	290
54	6	4	2	292
55	499	124	375	292
55/50	1		1	310
55A	33	6	27	310
56	6		6	311
57	131		131	311
58	108	51		316

Building	Total	Corrected	Outstanding	Page #
59	1	1	0	319
6	23	1	22	319
60	57	21	36	320
60 Flammable cabinet	1		1	322
61	11		11	322
62	594		594	323
62B	28		28	336
63	59		59	337
64	189	1	188	339
64-213	1		1	345
64-225	2		2	345
65	21	6	15	345
65A	16	8	8	346
65B	1	1	0	347
66	312		312	347
66/2	1		1	354
68	1		1	354
69 (see also p. 617)	122	26	96	354
69/75	3		3	359
7	188	80	108	359
7-B/C	1		1	366
70	1133	41	1092	366
70/66/62/78	1		1	411
70/75	1		1	411
70/78/66/62/74/2/55	1		1	411
70A	875	52	823	411
71	446	99	347	439

Self-assessment Database --Records Submitted as of 5:00 pm 1/2/91
Records totals by building with page reference to Appendix D.2

Building	Total	Corrected	Outstanding	Page #
71-D	2		2	454
71/88	1		1	454
71A	12		12	454
71B	40	9	31	455
71C	1		1	456
71H	31	25	6	456
71K	1		1	458
72	103		103	458
73	87		87	461
74	137		137	465
74/83	1		1	469
74B	1		1	469
75 (see also p. 617)	12	2	10	469
75 yard (see also p. 620,635)	1		1	470
75/76	1		1	470
75, 75A	1		1	470
75G - (mislabeled yard shed)	1		1	470
76 (see also p. 618)	293	140	153	470
76, 77	2		2	482
76-76E	1	1	0	482
76,77	1		1	482
76A	1		1	482
76E	1		1	482
76F	4		4	482
77 (see also p. 618)	793	3	790	483
77/88/71	1		1	508
77A-	84	20	64	508

Self-assessment Database --Records Submitted as of 5:00 pm 1/2/91
Records totals by building with page reference to Appendix D.2

Building	Total	Corrected	Outstanding	Page #
77q	1	1	0	511
78	2		2	511
79	48	28	20	511
7B	4	1	3	513
7C	3	1	2	513
80	208	55	153	514
81	23	6	17	521
82	8		8	522
83	67		- 67	522
88	1399	2	1397	524
88 Pkg lot	1		1	560
90	509	97	412	560
90 Trailers	1		1	581
90/76	1		1	581
901	70	5	65	582
901A	67	1	66	584
90A	14	11	3	586
90B	1		1	587
90C	26	17	9	587
90D	2		2	588
90E	2		2	588
90F	26	14	12	588
90G	21	18	3	589
90J	46	40	6	590
90K	51	24	27	592
90P	1		1	594
934	200	8	192	594

Self-assessment Database --Records Submitted as of 5:00 pm 1/2/91
Records totals by building with page reference to Appendix D.2

Building	Total	Corrected	Outstanding	Page #
936	20	10	10	601
983	17		17	602
983 Wurster	1		1	603
Accelerators	1		1	603
All*	26		26	603
ALS	1		1	604
B10A	1		1	604
B10B	36		36	604
B18	1		1	606
B26	1		1	606
B29c	26		26	606
B44	15		15	607
B44B	10		10	608
B48A	2		2	608
B55A	9		9	608
B62B	42		42	609
B67c	7		7	611
B75	25		25	611
B75 HWHF	27		27	613
B75A	1		1	614
B75B	12		12	614
B75E	1		1	614
B76	1		1	614
B76E	1		1	614
B76F	1		1	614

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- * Non- building designations include: *blank*, p. 1; *All*, p. 603; *hill- lab-wide*, p. 622-623; *many*, *NA*, *none*, p 624-625; *site*, *sitewide*, p. 635-638 ; *several* , p. 635.

Building	Total	Corrected	Outstanding	Page #
B7A	1	1	0	614
Big C	5		5	614
Bio-Med	3		3	615
Bio-Med and Nuclear Chemistry	1		1	615
Bio-Med and Nuclear Science Labs	1		1	615
Bio-Med Lab	14		14	615
Bldg 25	4	1	3	616
Bldg 25 - yard	1	1	0	616
Bldg 42	1	1	0	616
Bldg 42 Salvage	7		7	616
Bldg 51/64 - Waste Accumulation Area	1		1	617
Bldg 53 - Waste Accumulation Area	1		1	617
Bldg 69 (see also p. 354)	2	1	1	617
Bldg 69 Drum Rack	6		6	617
Bldg 69 - outside	3	1	2	617
Bldg 69 Waste Oil Tank	2		2	617
Bldg. 75 - Hazardous Waste (see also p. 469)	11		11	617
Bldg 75, Room 131	2	1	1	618
Bldg 76 - Motor Pool (see also p. 470)	1		1	618
Bldg 76 Motor Pool Waste Accumulation	3		3	618
Bldg 77 (see also p. 483)	4	1	3	618
Bldg 77 Waste Accumulation Area	3		3	618
Bldg 77 Wastewater Pretreatment Unit	1		1	619
Bldg 77 - Waste Coolant Evaporator	1		1	619
Blkberry	11		11	619

Building	Total	Corrected	Outstanding	Page #
CDF	1		1	619
Cyclotron Facilities	3		3	619
Decontamination Lab	11		11	619
Decontamination laboratory	1		1	620
E&SHC - Record Viewing	3		3	620
F.D.	2		2	620
Generator area - 75 yard (see also p. 470;635)	2		2	620
Generator areas	1		1	621
Generator - storage areas	4	1	3	621
Generator - storage areas (75 Yard)	1		1	621
Grizzly	9		9	621
Heavy Element Lab	1		1	621
Heavy Elements Lab	1		1	621
Hill wide*	1		1	622
HMB	33		33	622
Industrial Hygiene	1		1	623
Lab Wide*	8		8	623
Lewis	24		24	623
Many*	2		2	624
n53	1		1	624
NA*	2		2	624
none*	244	5	239	625
Nuclear Chemistry& Heavy Element	1		1	634
Nuclear Chemistry Lab	8		8	634

* Non- building designations include: *blank*, p. 1; *All*, p. 603; *hill- lab-wide*, p. 622-623; *many*, *NA*, *none*, p 624-625; *site*, *sitewide*, p. 635-638 ; *several* , p. 635.

Building	Total	Corrected	Outstanding	Page #
Nuclear Science Facilities	2		2	635
On grounds west of Bldg 42 (see also p. 156)	1		1	635
Permitted areas	1		1	635
Permitted areas: 75 yard, 69, 75 (see also p. 470; 620)	1		1	635
several*	1		1	635
Sewer outfalls	1		1	635
Site*	22		22	635
Site wide*	24	1	23	636
Site wide labs*	1		1	638
site-wide*	8		8	638
Site-wide/off-site*	2		2	638
Sitewide*	55		55	638
Strawberry Sewer Outfall	1		1	641
Tritium Facilities	1		1	641
Tritium Facility	4		4	641
Tritium Lab	5		5	641
Tritium Manifold Lab	1		1	642
Tritium Operation	1		1	642
Waste Compaction Area	1		1	642
Waste Facility	1		1	642
Waste Handling Facility	1		1	642
Waste Processing Facility	2		2	642

* Non- building designations include: *blank*, p. 1; *All*, p. 603; *hill-lab-wide*, p. 622-623; *many*, *NA*, *none*, p. 624-625; *site*, *sitewide*, p. 635-638 ; *several* , p. 635.

BUILDING: 60

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Physics	TT Self-Assess. 11/26	All electrical cords on floor must be placed in trays by LBL electricians	To be determined, for the moment, remove the cables by Nov. 30	
Physics	TT Self-Assess. 11/26	Need sprinkler system under platform	OK to replace platform floor with grating one? Remove all below & above.	
Physics	TT Self-Assess. 11/26	Need non-conductive cover on battery boxes.	Batteries are now stored in the fridge in 302.	
Physics	TT Self-Assess. 11/21	Replace all metal electrical male plugs on 110 lines	All but one have been replaced; last to be replaced Nov. 28	
Physics	TT Self-Assess. 11/26	Sprinkler system in shed.	To be determined after consultation with fire department.	
Physics	TT Self-Assess. 11/26	Midrail system for ladder to overhead crane	To be communicated to the building manager	
Physics	TT Self-Assess. 11/26	Lack of clearance in aiseways.	NR will lay out and mark aiseways w/ yellow tape.	
Physics	TT Self-Assess. 11/26	Need fire extinguishers.	The fire extinguishers have been ordered	
Physics	TT Self-Assess. 11/26	Cable tray for experiment wiring	For now, remove cables; final decision after test completed in November.	
Physics	TT Self-Assess. 11/26	Coat wood on platform with fire retardant.	DH will acquire info about the available products and complete by December 4.	
Physics	TT Self-Assess. 11/26	Bottle restraint on He gas cylinder.	One of the brackets has to be lowered.	
Physics	TT Self-Assess. 11/26	Paint yellow lines for passage ways.	Mark with yellow tape	
Physics	TT Self-Assess. 11/26	Bolt all metal cabinets on north side of building to the wall	Bolting them now, to be completed by November 30	
Physics	TT Self-Assess. 11/9	Pressure and vacuum vessels	Attach N2 and He gas bottles to the wall	
Physics	TT Self-Assess. 11/9	Chemicals not labeled	Label chemicals and transfer to proper containers	
Physics	TT Self-Assess. 11/9	MSDS	Get MSDS for each chemical	
AFRD	AFRD 11/19/90	Secure exit signs and fix lights; tag board south east wall needs to be tied; file cabinet north east corner, earthquake		Yes November 28, 1990
AFRD	AFRD 11/19/90	Outlet left of nw door needs label where circuit breaker is located. Most outlets have no labels		Yes November 28, 1990
AFRD	AFRD 11/19/90	Circuit breaker panel right on NE door needs proper lock and tags when not in use		Yes November 28, 1990
AFRD	AFRD 11/19/90	Is keep out sign appropriate on entrance doors?		Yes November 28, 1990
AFRD	AFRD 11/19/90	Wood under tunnel		
AFRD	AFRD 11/19/90	Label all piping		Yes November 29, 1990
AFRD	AFRD 11/19/90	Remove: Motor in NW corner, electrical valve cord NW Corner and old speaker east wall		Yes November 28, 1990
AFRD	AFRD 11/19/90	Secure wood cabinet east Wall		Yes November 28, 1990
AFRD	AFRD 11/19/90	Remove heater west wall		Yes November 28, 1990
AFRD	AFRD 11/19/90	Crane hook update and test?	repair required/12/1/88 see memo per R baker 2 ton rated	Yes November 28, 1990
AFRD	AFRD 11/19/90	Cabinet for wire spool- south west		Yes November 28, 1990
AFRD	AFRD 11/19/90	fire material under desk		Yes November 28, 1990
AFRD	AFRD 11/19/90	Need fire exit		Yes November 28, 1990
AFRD	AFRD 11/19/90	Extension cord with metal box (old radar box?)		Yes November 28, 1990
AFRD	AFRD 11/19/90	Secure while in work equipment racks		

BUILDING: 60

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	AFRD	Chemical containers not labelled	contacted EH&S	Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	Tie down rack north wall (physics)		Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	access problem for workers, exit signs needed in south side		Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	fire extinguishers needed	notified fire department	Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	Secure items hanging from electrical conduit		Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	Fluorescent lights above cable rack?		
	AFRD 11/19/90			
	AFRD	no first aid kits and emergency lighting	emergency lights in SW corner/ first aid kit in 63 next door	Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	Is there sprinkler system?	yes	Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	1 ton hook and 2 ton hook for overhead crane need safety latches (Cal/OSHA 5002 title 8)		
	AFRD 12/6/90			
	AFRD	panel 112A1A1A'- the "A" is written in pencil but should be stenciled like the rest of the identification		
	AFRD 12/6/90			
	AFRD	NW corner overhead fluorescent light power cable is too long. Should be permanently wired 305(g)(1)(iii)(D) and Cal/OSHA		
	AFRD 12/6/90			
	AFRD	NW corner cords on floor present a tripping hazard		
	AFRD 12/6/90			
	AFRD	lighting on a work platform should be permanently mounted		
	AFRD 12/6/90			
	AFRD	exit sign needs to be permanently mounted instead of with a C clamp		
	AFRD 12/6/90			
	AFRD	east side overhead fluorescent light power cable is too long. Should be permanently wired 305(g)(1)(iii)(D) and Cal/OSHA		
	AFRD 12/6/90			
	AFRD	Keep a 3' clearance near door north east		
	AFRD 11/19/90			
	AFRD	no outlets labeled		
	AFRD 11/19/90			
none	INSTITUTIONAL PE/Katser	Whiting crane has a service walkway with a walkway section missing. Maintenance personnel are exposed to a potential fall hazard.	Replace section of walkway floor on the maintenance platform of the Whiting crane.	
	11/26/90			
none	INSTITUTIONAL PE/Katser	The Whiting Bridge crane is restricted to a 2-ton load limit, the identification plate indicates 30-ton & 50-ton load limit.	This crane was rated downward and the 30-ton & 5-ton signs should be replaced with a 2-ton Safe Work Load (SWL) sign.	
	11/26/90			
none	INSTITUTIONAL PE/Katser	The Whiting Bridge crane had a defective trolley and the crane was not "Danger" tagged out of service.	Major defects, e.g., trolley will not function, is significant & crane must not be used until repairs are made. Tag crane out of service.	
	11/26/90			
none	INSTITUTIONAL PE/Katser	Lead bricks are used for ballast on a cart. Lead is a toxic substance & should be used for radiation shielding only.	Remove lead to a correct storage location & use for radiation shielding purposes only.	
	11/26/90			
none	INSTITUTIONAL Plant Ops-Self	No 480 and 208/120 volt signs...	Install approved warning labels.	
	11/30/90			
none	INSTITUTIONAL Plant Ops-Self	Xlmr Bk212 needs to be re-labeled.	Install Equipment Number Labels.	
	11/30/90			
outside	AFRD	Clean up outside west		Yes
	AFRD 11/19/90			November 29, 1990

BUILDING: 60 Flammable cabinet not

AFRD
AFRD 11/19/90

BUILDING: 61

7	Administration OSHA	NO EMERGENCY PHONE #S	obtain
hibay	AFRD	Fire extinguisher #251 by west roll door is overdue for inspection	
	AFRD 12/10/90		

BUILDING: 61

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL PE/Kaiser 1 11/27/90	Two electrical outlet boxes were tested and found to have zero ground tension.	Replace the outlets as a user may not have a ground.	
none	INSTITUTIONAL PE/Kaiser 1 11/27/90	"A mix of Class 1, Division 2 and NEMA 3 electrical equipment are located in this area. Either the Class 1, Division 2 or the NEMA 3 electrical equipment may be out of place. Some equipment is sealed and other electrical boxes are open and not"	"Recommend that a survey of the propane plant be conducted and determine what electrical class is appropriate for this location. See 1910.110, Table H-28, as a guide. Assure employees are aware of the class requirements of the Propane Plant."	
none	INSTITUTIONAL PE/Kaiser 1 11/27/90	"The 30,000 gallon propane tank is void of any identification markings."	"The tank should be identified as containing "Propane" and have a "No Smoking Within 50 feet"."	
none	INSTITUTIONAL PE/Kaiser 1 10/27/90	Steps to the propane tank are 50 inches wide and are protected by one substandard handrail.	"This set of stairs needs two standardized handrails. For stairs handrails the top rail should be between 30 to 34 inches and be supplied with a mid-rail. Check all stairways in the Propane Plant to assure rail protection is correct, respective of rail"	
none	INSTITUTIONAL PE/Kaiser 1 10/27/90	Non-skid stair nose tread has come loose and protrudes upwards posing several trip hazards.	Inspect all of the step's nose treads and resecure the nose tread to assure trip hazards on the steps are eliminated.	
none	INSTITUTIONAL PE/Kaiser 1 11/27/90	Electrical extension cord was plugged into an outlet and led through the doorway to the out-doors.	Extension cord may not be used in lieu of fixed wiring and must not be led through the doorway. Remove the extension cord.	
none	INSTITUTIONAL PE/Kaiser 1 10/27/90	At the the base of the flare stack an electrical box has a cover that is damaged and warped open and no longer is weathertight.	Survey electrical equipment and replace that equipment which is no longer watertight.	
none	INSTITUTIONAL PE/Kaiser 1 10/27/90	"The pine tree, adjacent to the flare stack, has limbs which may be too close to the stack."	Trim tree to the extent that the tree no longer poses a fire threat from the flare stack.	
West Side Bldg.	EPH&S LBL Self Assessment 10/31/90	30K gallon Propane Standby Storage Facility.	Review the consequence-probability-/economic factors and determine facility future.	Hernandez, P.

BUILDING: 62

Information and Computing Sciences ICSD Walkthrough 10-12-90	Non-exit door not labeled as such	Provide labeling
MSD/CSD	>Ground Fault Current Interrupters are required on outlets near sinks	
MSD/CSD	">Circ. Breaker panel fronts (floor to top)shall be kept clear @ least 36""	
MSD/CSD	>Gas cylinder storage shall not be allowed in any lab	
MSD/CSD	>Gas cyl's no longer required experimentally shall be returned to stores	
MSD/CSD	>Electronic Chassis safety grounds must be reviewed by Division electronics personnel	
MSD/CSD	>Fire doors in labs & corridors propped open	
MSD/CSD	>No EXIT signs posted above any lab doors	
MSD/CSD	>P.A. speakers in all rooms shall be operational and audible	
MSD/CSD	>No electrical connectors or splices are allowed in overhead cableways	
MSD/CSD	">Upgrade all electrical plug connectors, male & female, to present code requirements"	
MSD/CSD		
MSD/CSD	Wires in plug	
MSD/CSD	Safety ground	
100	MSD/CSD	
100	MSD/CSD	
100 A	MSD/CSD	
100 B	MSD/CSD	Electronics rack partially blocking passage
100 C	MSD/CSD	Reroute dedicated mech pump exhaust line
100 D	MSD/CSD	
100A	MSD/CSD	Metal backed plugs
100A	MSD/CSD	Missing plugs in pwr. boxes

BUILDING: 62

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100A	MSD/CSD	Blocked control box		
100B	MSD/CSD	Emergency light wiring		
100C	MSD/CSD	Wiring on conduit		
100C	MSD/CSD	Blocked disconnects		
100C	MSD/CSD	Safety grounds		
100C	MSD/CSD	Missing panels		
100C	MSD/CSD	Exposed AC on breakers		
100C	MSD/CSD	Unguarded high current connections		
100C	MSD/CSD	Grommets missing on rack		
100C	MSD/CSD	D.P. wiring		
100D	MSD/CSD	Blocked disconnect		
101	MSD/CSD	Flammable cabinet closer than 25'		
101	MSD/CSD	Brite dip rinse going down drain		
101	MSD/CSD	Asbestos gloves		
101	MSD/CSD	Asbestos paper(?)		
101	MSD/CSD	Labels on same (?) containers		
101	MSD/CSD	Grinder both rest and tongue		
101	MSD/CSD	"Belt sander loose cord clamp nuts, tighten or replace loose cord"		
101	MSD/CSD	"Storage on top of screw cabinet, remove storage from top of screw cabinet"		
101	MSD/CSD	Remove metal billets on top of file cabinet		
101	MSD/CSD	Lift slings w/o tags		
101	MSD/CSD	Transite with friable edge		
101	MSD/CSD	Metal clamped plug on sand blaster ext. ground missing		
101	MSD/CSD	Remove combustable on top of office		
101	MSD/CSD	Install fan guard		
101	MSD/CSD	Install chip guards		
101	MSD/CSD	Air hoses not reg. to 30 lbs.		
101	MSD/CSD	"Exposed wiring on fan zipcord, remove storage from top of cabinet"		
101	MSD/CSD	Shelves not bolted down		
101	MSD/CSD	No lips on cabinet		
101	MSD/CSD	"Flammable cabinet no gnd, no earthquake"		
101	MSD/CSD	I.D. fire sprinklet pipe		
101	MSD/CSD	Install exit signs		
101	MSD/CSD	Install guard on sander motor		
101	MSD/CSD	Argon bottle one chain		
101	MSD/CSD	Natural gas piping not black iron in places		
101	MSD/CSD	"Air hose burned on sand blaster, replace air hose"		
101	MSD/CSD	Berm top of office??		
101	MSD/CSD	No load established top of office		
101	MSD/CSD	Food and chems in refrigerator		
101	MSD/CSD	Uncertified drill motors		
101	MSD/CSD	Install shatterproof bulbs		
101	MSD/CSD	Install guard on open motor windings		
101A	MSD/CSD	Put guards for belts on small drill press		
101A	MSD/CSD	Put lips on cabinet		
102	MSD/CSD	Relabel utility plumbing for flow & description		
102	MSD/CSD	Flammable liquids stored outside of approved flammables cabinet		
102	MSD/CSD	Fire extinguisher for flammable solids not apparently available		
102	MSD/CSD	All chemicals shall be stored in secondary containment trays		
102	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
102	MSD/CSD	Temporary drop cord for permanent wiring		
102	MSD/CSD	Wiring tied to conduit		
102	MSD/CSD	Blocked heater box		
102	MSD/CSD	Metal backed plugs		
102	MSD/CSD	Waber strips		
102	MSD/CSD	Exposed wiring on temp. cont.		
102	MSD/CSD	Daisy chained		
102	MSD/CSD	Exposed furnace wiring in glove box		
102	MSD/CSD	Panels missing		
102	MSD/CSD	Radar box on wall		
102	MSD/CSD	Non protected plug strips		
102	MSD/CSD	Bad cords		
102	MSD/CSD	Bad wiring on furnace		
102	MSD/CSD	Metal ladder near electrical equipment		
103	MSD/CSD	Is firewall between flam.>non flam. gasses OK?		
103	MSD/CSD	5 gal cans of hydraulic oil stored * DeJonghe property		
104	MSD/CSD	*Fasten freestanding shelves, center isle		
104	MSD/CSD	Carbon 14 label on referig. Still active?		
104	MSD/CSD	Breakable Dewars stored on top shelves		
104 A	MSD/CSD			
104A	MSD/CSD	Temporary for permanent wiring		
106	MSD/CSD	*Agents stored on floor, should be on shelves		
106	MSD/CSD	Plug hole in wall where pipe came through		
106	MSD/CSD	Plug floor drain to prohibit acc. release in the event of a chemical spill		
106	MSD/CSD	Send old chemicals to EH&S waste disposal		
106	MSD/CSD	Separate incompatible chemicals in indiv. shelf units		
106	MSD/CSD	*Put one each caustic, flammable solvent, acid spill kit in the storeroom.		
107	MSD/CSD	Is paper storage on shelves OK?		
108	MSD/CSD	Asbestos cord on furnace		
108	MSD/CSD	Panel openings on temperature controller		
108	MSD/CSD	*Safety ground needed on Ion Mill, Laser power supply and laser		
108	MSD/CSD	Asbestos gloves		
108	MSD/CSD	GFCI plug strip		
108	MSD/CSD	GFCI sink outlet		
108A	MSD/CSD	GFCI sink plug strip		
109	MSD/CSD	GFCI plug strip		
109	MSD/CSD	High storage		
109	MSD/CSD	No lips on shelves		
109	MSD/CSD	E.G. cabinets		
110	MSD/CSD	Need permanent wiring on dryer		
110	MSD/CSD	Waber strip		
110	MSD/CSD	Eye wash cover		
110	MSD/CSD	Hood siphon hazard		
110	MSD/CSD	7 10-gal. flammables		
110	MSD/CSD	Plug strip GFI near sink		
110	MSD/CSD	Replace clock		
110	MSD/CSD	Unlables chem.		
110	MSD/CSD	Old Waber		
111	MSD/CSD	GFCI plug strip		
113	MSD/CSD	GFI plugstrip near sink		
113	MSD/CSD	GFI outlet near sink		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
113	MSD/CSD	Secure shelves		
113	MSD/CSD	Lips on shelves		
113	MSD/CSD	Anchor book shelves		
114	MSD/CSD	Connect all mech. vac pumps to vent or demister		
114	MSD/CSD	Repair hole in wall where pipe was		
114	MSD/CSD	Install bottom restraints on all gas cylinders		
114	MSD/CSD	wires on floor		
114	MSD/CSD	wires in grip on solinoid		
114	MSD/CSD	Need cover and cord grip on vac gauge		
114	MSD/CSD	rear panels missing		
114	MSD/CSD	wiring through wall		
114	MSD/CSD	Siphon problem in sink		
114A	MSD/CSD	Plug strip cover missing		
114A	MSD/CSD	2 wire cord		
114A	MSD/CSD	GFI plug strip		
115	MSD/CSD			
116	MSD/CSD	Install bottom restraints on all gas cylinders		
117	MSD/CSD			
118	MSD/CSD	Install bottom restraints on all gas cylinders		
118	MSD/CSD	Uncovered high current terminals		
118	MSD/CSD	rack door open		
118	MSD/CSD	blocked disconnects		
118	MSD/CSD	cord on floor		
118	MSD/CSD	High current terminals exposed		
118	MSD/CSD	Air nozzles (3 ea.)		
118	MSD/CSD	Label panel breaker inside		
118	MSD/CSD	Electrical panel blocked		
118	MSD/CSD	GFCI plug strip		
118	MSD/CSD	Unlabeled chem.		
118	MSD/CSD	No lip on shelves		
118	MSD/CSD	Blocked electrical panel		
118	MSD/CSD	Fan in cabinet 2 wire		
118	MSD/CSD	Cabinet E.Q.		
118	MSD/CSD	Siphon problem on sink		
118	MSD/CSD	Ground H.V. system		
119	MSD/CSD			
119	Engineering S&H Self Inspection 11-21-90	No exit sign over door	Post exit sign over door	
119	Engineering S&H Self Inspection 11-21-90	File cabinet unrestrained	Restrain file cabinet	
119	Engineering S&H Self Inspection 11-21-90	Extension cord from plug strip on north wall attached to wall and runs into room 110B	Remove extension cord and provide proper electrical power	
119	Engineering S&H Self Inspection 11/21/90	Rewrite OSP to include room 119		
119	Engineering S&H Self Inspection 11/21/90	Make door interlocks redundant		
119	Engineering S&H Self Inspection 11/21/90	Make door interlocks positive		
119	Engineering S&H Self Inspection 11/21/90	Fire sprinkler not I.D.	I.D. fire sprinkler	
127	MSD/CSD			
127	Engineering S&H Self Inspection 11-21-90	Only 12" clearance between back of equipment racks R01&R02. Rack doors needs labeled danger high voltage, 208 volts	Provide clearance and post high voltage labels	
127	Engineering S&H Self Inspection 11-21-90	3 phase power bus and circuit breaker terminals are exposed in Rack R02	Repair terminals	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
127	Engineering S&H Self Inspection 11-21-90	No lockout tabs on any of the circuit breakers	Provide lockout tabs on circuit breakers	
127	Engineering S&H Self Inspection 11-21-90	Access to breaker panel 67A-10 is obstructed to the point where it can't be opened to see the breakers schedule	Remove obstruction and provide clear access	
127	Engineering S&H Self Inspection 11-21-90	No exit signs	Post exit signs	
127 Hall	Engineering S&H Self Inspection 11/21/90	Penetration in firewall	Repair penetration in firewall	
127A	Engineering S&H Self Inspection 11-21-90	Vacuum pumps (3ea) at end of beam line are daisy chained off of extension cords	Replace daisy chained equipment with proper electrical power	
127A	Engineering S&H Self Inspection 11-21-90	Rack R28 in NE corner has missing panel exposing delay terminals. Zero clearance behind rack	Cover panel - provide clearance	
127A	Engineering S&H Self Inspection 11-21-90	Boxes of combustible material stored in 18" space in NE corner not accessible	Properly store boxes of combustible material and make accessible	
127A	Engineering S&H Self Inspection 11-21-90	Unprotected 150 watt light at head height	Place light at proper height	
127A	Engineering S&H Self Inspection 11-21-90	Exposed terminal strip on water pipe on north wall	Remove strip	
127A	Engineering S&H Self Inspection 11/21/90	Conduit hanging on gas line-main power for control panel	Remove conduit from gas line	
127B	Engineering S&H Self Inspection 11-21-90	Flammable liquids & aerosols in grey locker #2	Provide proper storage for liquids and aerosols	
127B	Engineering S&H Self Inspection 11-21-90	Terminal strip with exposed terminals	Repair or replace terminal strip	
127B	Engineering S&H Self Inspection 11/21/90	Pipes not marked	Mark pipes	
127B	Engineering S&H Self Inspection 11/21/90	No 30" corridor either side of machine	Need 30" corridor either side of machine	
127B	Engineering S&H Self Inspection 11/21/90	Flammables outside flammable lockers	Store flammables in flammable lockers	
127B	Engineering S&H Self Inspection 11/21/90	Cable test needs HV sticker	Put HV sticker on cable test	
127B	Engineering S&H Self Inspection 11/21/90	Ion pump ps needs HV sticker	Put HV sticker on ion pump	
127B	Engineering S&H Self Inspection 11/21/90	Numerous HV to lower voltage cords and adaptor		
127B	Engineering S&H Self Inspection 11/21/90	Dead front plugs & adaptors Gen		
127B	Engineering S&H Self Inspection 11/21/90	Metal backed plugs	Replace metal backed plugs	
127B	Engineering S&H Self Inspection 11/21/90	Ground hook target missing	Replace ground hook target	
127B	Engineering S&H Self Inspection 11/21/90	Ground hook target missing	Replace ground hook target	
127B	Engineering S&H Self Inspection 11/21/90	Radar boxes need conduit	Put conduit on radar boxes	
127B	Engineering S&H Self Inspection 11/21/90	Radar boxes on bench needs conduit	Put conduit on radar boxes on bench	
127B	Engineering S&H Self Inspection 11/21/90	Ground HV box 2 ea.	Need to ground 2 HV boxes	
127B	Engineering S&H Self Inspection 11/21/90	In line switches		
127B	Engineering S&H Self Inspection 11/21/90	Exposed hole to AC on rack	Repair hole	
127B	Engineering S&H Self Inspection 11/21/90	Penetration in firewall-no stuffing	Repair penetration in firewall	
127B	Engineering S&H Self Inspection 11/21/90	Label on poison w/o warning tag-Poly C cement on cabinet 4.1.3	Put warning tag on poison	
127B	Engineering S&H Self Inspection 11/21/90	Labels on (?) containers 4.1.3	Label containers	
127B	Engineering S&H Self Inspection 11/21/90	Need "film badge necessary" sign	Install "film badge necessary" sign	
131	MSD/CSD	Positive air pressure. Have same changed to neg.		
133	MSD/CSD	Housekeeping		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
136	MSD/CSD	Cord run in ceiling		
136	MSD/CSD	Asbestos on pipe		
136	MSD/CSD	Connections to furnace on wall		
136	MSD/CSD	Open rack panels		
136	MSD/CSD	Mislabes breaker cover		
136	MSD/CSD	Missing outlet covers		
136	MSD/CSD	Waber box		
136	MSD/CSD	Uncovered AC on terminal strip		
136	MSD/CSD	E.Q. cabinets		
136	MSD/CSD	No fire stuffing on wall penetration		
136	MSD/CSD	Panel in bottom of rack		
136	MSD/CSD	Old gray Waber		
136	MSD/CSD	Plugstrip comes open in rack (2)		
136	MSD/CSD	Change banana Feed to furnace		
136	MSD/CSD	Asbestos on pipe?		
136	MSD/CSD	Wiring more ceiling		
138	MSD/CSD	Exposed high current conductors		
138	MSD/CSD	ATS furnace power not fully covered		
138	MSD/CSD	Wires in plug		
138	MSD/CSD	Controller- open AC wiring		
138	MSD/CSD	Waber box on hood		
138	MSD/CSD	Unlabeled chem. on hood		
138	MSD/CSD	Exposed AC on furnace		
138	MSD/CSD	Exposed AC on controller		
138	MSD/CSD	Improper bottle storage in corners		
138	MSD/CSD	2 wire cord on heavy duty furnace		
138	MSD/CSD	Uncovered high current terminals		
142	MSD/CSD	Blocked disconnects		
142	MSD/CSD	Ion gauge connections		
142	MSD/CSD	Wires in cord grips		
142	MSD/CSD	Waber box		
142	MSD/CSD	Cooling fan wiring- unsecured		
142	MSD/CSD	Cables on floor		
142	MSD/CSD	Exposed wiring on solinoid		
142	MSD/CSD	Cord grip loose		
142	MSD/CSD	Eyewash blocked		
142	MSD/CSD	Electrical boxes blocked		
142	MSD/CSD	Box connector side of rack unscrewed		
142	MSD/CSD	No fan guard-not secured		
142	MSD/CSD	Unalarmed CB box		
142	MSD/CSD	Wall penetrated without fire block		
142	MSD/CSD	Electrical panels not sufficient clearance		
142	MSD/CSD	GFCI plug strip		
142	MSD/CSD	Cracked cords in hood		
142	MSD/CSD	Old Gray Waber		
144	MSD/CSD	Non-polarized plug-lamp source		
144	MSD/CSD	Blocked breaker box		
144	MSD/CSD	E.Q. cabinet		
144	MSD/CSD	Label piping		
144	MSD/CSD	Electrical cabinet blocked		
144	MSD/CSD	GFCI plug strip		
145	MSD/CSD	GFCI wall plug		
145	MSD/CSD	E.Q. cabinets		
145	MSD/CSD	Make wiring for X-Ray Monitors permanent		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
146	MSD/CSD	Broken strain reliefs		
146	MSD/CSD	Label utility plumbing direction & contents		
146	MSD/CSD	Loose connector		
146	MSD/CSD	Wires on floor		
146	MSD/CSD	Exposed AC in rack		
146	MSD/CSD	Disconnect blocked		
146	MSD/CSD	Waber box		
146	MSD/CSD	No disconnect on mechanical pump		
146	MSD/CSD	High heavy storage		
146	MSD/CSD	E.G. cabinets		
146	MSD/CSD	Lead brick not covered		
146	MSD/CSD	GFCI sink plug strip		
146	MSD/CSD	Breaker blocked and evidently overloaded on pump		
146	MSD/CSD	GFCI outlets near sink		
146	MSD/CSD	Non dead front plugs		
146	MSD/CSD	Metal back plugs		
146	MSD/CSD	2 wires devices		
150	MSD/CSD	Flam Metals fire extinguisher needed in glove box		
150	MSD/CSD	Empty boxes stored under desks		
150	MSD/CSD	OSP for lithium required?		
150	MSD/CSD	Flammable solids double stacked on high shelves		
150	MSD/CSD	Flammables & spray paint improperly stored		
150	MSD/CSD	Flammables on floor not stored in adequate secondary containment		
150	MSD/CSD	Research equipment and hazardous waste stored on floor blocking egress		
150	MSD/CSD	Incompatible chemicals stored in boxes waiting for EH&S pickup (H2O react>Flame>acids)		
150	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!		
150	MSD/CSD	Plug strip should be permanently wired		
150	MSD/CSD	Plug strip near sink needs GFCI		
150	MSD/CSD	Hoses on sink a siphon hazard		
150	MSD/CSD	Unlabeled chemicals		
150	MSD/CSD	Airhose regulator set too high		
150	MSD/CSD	Electrical panels blocked		
150	MSD/CSD	Gas bottles one chain		
150	MSD/CSD	Small gas bottles on floor		
150	MSD/CSD	Guard all class ????		
155	MSD/CSD	Retainer lips on high shelves needed		
155	MSD/CSD	Top of cabinet no lip		
155	MSD/CSD	GFCI plug strip		
160	MSD/CSD			
161	MSD/CSD	No label on safety locker		
161	MSD/CSD	What is route of open blower?		
161	MSD/CSD	Plug hole in wall		
161	MSD/CSD	Duct seal around electrical conduit feedthru hole		
201	Engineering SAH Self Inspection 11/21/90	Unguarded shaft on asphalt stirrer	Put guard on shaft of asphalt stirrer	
201	Engineering SAH Self Inspection 11/21/90	Motor shaft and drive belt are not guarded	Put guard motor shaft and drive belt	
201	Engineering SAH Self Inspection 11/21/90	Bridge crane will only clear work area by about 6 1/2 ft.		
201	Engineering SAH Self Inspection 11/21/90	Power bus to crane can't be guarded from work area adequately		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
201	Engineering S&H Self Inspection 11/21/90	Breaker panel 95B-B-38 has no break schedule	Get break schedule for panel 95B-B-38	
201	Engineering S&H Self Inspection 11/21/90	Light on South Bend lathe is not shatter proof	Get shatterproof light on South Bend lathe	
201	Engineering S&H Self Inspection 11/21/90	Unprotected lamp on Delta drill press not shatterproof	Get shatterproof lamp for Delta drill press	
201	Engineering S&H Self Inspection 11/21/90	Unprotected lamp on Bridgport Mill	Protect lamp on Bridgport Mill	
201	Engineering S&H Self Inspection 11/21/90	Old style waber strip on workbench	Replace waber strip on workbench	
201	Engineering S&H Self Inspection 11/21/90	Breaker panel 96B is obstructed and breaker schedule not updated since 1983	Clear obstruction from breaker panel 96B and update schedule	
201	Engineering S&H Self Inspection 11/21/90	Wire puller has no guard over motor shaft	Put guard on wire puller over motor shaft	
201	Engineering S&H Self Inspection 11/21/90	Handrail at top of stairs has no finger clearance from plywood panel	Replace handrail	
201	Engineering S&H Self Inspection 11/21/90	Nosing on top and bottom steps are not highlighted with yellow	Highlight nosing on top and bottom steps with yellow	
201	Engineering S&H Self Inspection 11/21/90	No control on/off users at night		
201	Engineering S&H Self Inspection 11/21/90	Lead brick	Remove lead brick	
201	Engineering S&H Self Inspection 11/21/90	Air line set at 60 pse for blow off		
201	Engineering S&H Self Inspection 11/21/90	Trip hazard oxygen line		
201	Engineering S&H Self Inspection 11/21/90	Grinder tool rest more than 1/8	Replace grinder tool rest	
201	Engineering S&H Self Inspection 11/21/90	3 foot signs		
201	Engineering S&H Self Inspection 11/21/90	Air hose reg. set too high	Adjust air hose reg. which is set too high	
201	Engineering S&H Self Inspection 11/21/90	480 signs on racks		
201	Engineering S&H Self Inspection 11/21/90	2 wire lamp	Replace 2 wire lamp	
201	Engineering S&H Self Inspection 11/21/90	Non dead front cap	Replace non dead front cap	
201	Engineering S&H Self Inspection 11/21/90	Obsolete plugs	Replace obsolete plugs	
201	Engineering S&H Self Inspection 11/21/90	Chip guards	Install chip guards	
201	Engineering S&H Self Inspection 11/21/90	6 pole box no clearance no sticker 95B-B-38	Need clearance and sticker on 6 pole box 95B-B-38	
201	Engineering S&H Self Inspection 11/21/90	XFMR with temp wiring	Fix wiring on XFMR	
201	Engineering S&H Self Inspection 11/21/90	Bad cord on mill	Replace bad cord on mill	
201	Engineering S&H Self Inspection 11/21/90	Trip hazard	Correct trip hazard	
201	Engineering S&H Self Inspection 11/21/90	Zip cord to fan		
201	Engineering S&H Self Inspection 11/21/90	3 cylinders on one chain		
201	Engineering S&H Self Inspection 11/21/90	Bushing into box loose	Tighten bushing	
201	Engineering S&H Self Inspection 11/21/90	Hole in top of box on wire extender	Repair hole	
201	Engineering S&H Self Inspection 11/21/90	Too many flammables	Remove some flammables	
201	Engineering S&H Self Inspection 11/21/90	Cord around vacuum pump	Remove cord from around vacuum pump	
201	Engineering S&H Self Inspection 11/21/90	No training program for students	Need training program for students	

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
201	Engineering SAH Self Inspection 11/21/90	No training program for students	Need training program for students	
201	Engineering SAH Self Inspection 11/21/90	Asbestos gloves (2 locations) 9.2		
201	Engineering SAH Self Inspection 11/21/90	Needs flam cabinet (over 10 gal)		
203	MSD/CSD	Cover off wall outlet		
203	MSD/CSD	Switch on speaker system		
205	MSD/CSD			
208	MSD/CSD			
208	MSD/CSD	Ion gauge connections		
208	MSD/CSD	Feedthroughs		
208	MSD/CSD	Adlets		
208	MSD/CSD	Exposed AC wiring		
208	MSD/CSD	"Terminal Strips uncovered, missing strain reliefs"		
208	MSD/CSD	MHV connectors		
208	MSD/CSD	Cord on plug not standard		
208	MSD/CSD	Label on breaker cover		
208	MSD/CSD	Panel Blocked		
208	MSD/CSD	GFCI		
208	MSD/CSD	H.V. on minibox		
208	MSD/CSD	Ext. gnd on minibox		
208	MSD/CSD	Separate gnd. for equipment		
208	MSD/CSD	Ion pump needs guard		
208	MSD/CSD	HV sticker		
211	MSD/CSD			
213	MSD/CSD			
214	MSD/CSD	Inline Switch		
214	MSD/CSD	No disconnect on Varian Mechanical Pump		
214	MSD/CSD	Old ?		
214A	MSD/CSD	GFCI required		
215	MSD/CSD			
217	MSD/CSD			
218	MSD/CSD	In line SW		
218A	MSD/CSD	Table in front of secons exit		
220	MSD/CSD	Lead brick on cabinet		
220	MSD/CSD	Flammables not in fire locker		
220	MSD/CSD	GFCI near sink		
220	MSD/CSD	Lead brick on table		
220	MSD/CSD	Rack front panel		
220	MSD/CSD	Access restricted		
220	MSD/CSD	Chem. Incompatibles in hood		
220	MSD/CSD	Hose in hood too long		
221	MSD/CSD			
222	MSD/CSD	Storage in Tbl. Cabinet		
223	MSD/CSD			
227	MSD/CSD	Chemicals under desk		
233	MSD/CSD	Plastic waste basket		
235	MSD/CSD	Label pipes		
237	MSD/CSD	Office appropriate for chemicals?		
238	MSD/CSD			
239	MSD/CSD	Microwave on top of file cabinet		
239	MSD/CSD	3 foot clearance on electrical panel		
239	MSD/CSD	Pipe labels		
239	MSD/CSD	H.V. labels		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
240	MSD/CSD	Open panels on rack		
240	MSD/CSD	Open AC wiring on panel		
240	MSD/CSD	Line filter-wires in cord grip		
240	MSD/CSD	Open AC on terminal strip to fans		
240	MSD/CSD	No label on breakers		
240	MSD/CSD	Need standard keyed padlock for 480V box		
241	MSD/CSD			
242	MSD/CSD	Diffusion pump wiring		
242	MSD/CSD	Ion gauge connections		
242	MSD/CSD	Uncovered terminal strip in rear rack		
242	MSD/CSD	Open AC wiring on furnaces		
242	MSD/CSD	Too small wire size on plug strip		
242	MSD/CSD	Door missing front rack		
242	MSD/CSD	Gas bottle 1 chain		
242	MSD/CSD	Old waber inside rack		
242	MSD/CSD	Flourescant E.Q.		
242	MSD/CSD	Lead brick uncovered		
242	MSD/CSD	Pipe in cables		
242	MSD/CSD	Radar box		
242	MSD/CSD	Incompatible Chem. under sink		
242	MSD/CSD	GFCI required		
242	MSD/CSD	Vacuum pump guard		
242	MSD/CSD	Air nozzle		
242	MSD/CSD	Air pressure unreg.		
242	MSD/CSD	Cord clamp on wire		
242	MSD/CSD	Power cord for ? strip need to be S.O.		
245	MSD/CSD			
246	MSD/CSD	HV labels		
246	MSD/CSD	Safety ground on Photo Multiplier housing		
246	MSD/CSD	Uncovered terminal strip		
246	MSD/CSD	Strain reliefs		
246	MSD/CSD	Spliced ground		
246	MSD/CSD	MHV adaptors		
246	MSD/CSD	Blank panels		
246	MSD/CSD	H.V. Stick on power supply		
246	MSD/CSD	Cord cap non dead front		
246	MSD/CSD	Unlabeled chemicals		
246	MSD/CSD	Environ hazard to sink		
246	MSD/CSD	GFCI near sink		
246	MSD/CSD	Fire extinguisher no annual Jan 1989		
246	MSD/CSD	2 liter on sink wrong label		
246	MSD/CSD	GFCI near second sink		
246	MSD/CSD	At scale bad cord		
246	MSD/CSD	Illegal cord		
246	MSD/CSD	Cable on floor= trip hazard		
246	MSD/CSD	Floor lights E.Q.		
247	MSD/CSD	Old waber box		
248	MSD/CSD	Asbestos wires on furnace		
248	MSD/CSD	Cables on floor		
248	MSD/CSD	Solnoid wiring		
249	MSD/CSD			
250	MSD/CSD	Loose cord grips		
250	MSD/CSD	Cover needed over Interface boards		
250	MSD/CSD	Furnace wiring		

BUILDING: 62

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
253	MSD/CSD			
253B	MSD/CSD	"30" wide corridor violation"		
260	MSD/CSD			
2Flr.	MSD/CSD	Incompatibles in caustic lock.		
3 FL	MSD/CSD	Metal backed plugs on all emergency lights		
306	MSD/CSD	Panel schedule		
306	MSD/CSD	Possible incompatible chemicals		
306	MSD/CSD	Hoods w/sinks require berm storage to prevent chemicals from entering sewer system		
306	MSD/CSD	2nd door locked		
306	MSD/CSD	Bad cord on mech. Vac. pump		
306	MSD/CSD	Label all high voltage sources		
306	MSD/CSD	Bad H.V. cable		
306	MSD/CSD	Cables on floor		
306	MSD/CSD	Flow switch on floor		
306	MSD/CSD	Metal backed plugs		
306	MSD/CSD	Bad plug strip		
306	MSD/CSD	Illegal H.V. connectors and adaptors		
309	MSD/CSD			
310	MSD/CSD	Dead front plugs (2)		
310	MSD/CSD	Workbench with cord extending one plug strip to another		
310	MSD/CSD	Metal backed plugs on benches & lamps		
312	MSD/CSD	None		
313	MSD/CSD			
314	MSD/CSD	Check all grounding		
314	MSD/CSD	Inline switch on mechanical vacuum pump		
316	MSD/CSD	Zipcord		
316	MSD/CSD	Split cord Heat tape		
316	MSD/CSD	Non dead front plug		
316	MSD/CSD	Valve wired with discrete wires instead of cable		
316	MSD/CSD	Rear door on rack missing		
316	MSD/CSD	Wrong plug on heat tape doesn't grip cord		
316	MSD/CSD	another split plug		
316	MSD/CSD	2 old waber in back of rack		
316	MSD/CSD	Split cord heat tape		
316	MSD/CSD	Heating tapes not legal		
316	MSD/CSD	M.H.V. connector not allowed		
316	MSD/CSD	High Voltage labeling needed		
316	MSD/CSD	"Metal backed plugs, plug strip, Daisy chained extens. cords"		
316	MSD/CSD	"Ion gauge lead exposed, exposed wiring on furnace"		
316	MSD/CSD	Solnoid valve wiring not to code		
317	MSD/CSD			
319	MSD/CSD			
320	MSD/CSD	Housekeeping		
320	MSD/CSD	Many chemicals		
320	MSD/CSD	Inline switch on mech. vac. pump		
320	MSD/CSD	Exposed wiring on T.C. meter		
321	MSD/CSD			
323	MSD/CSD			
325	MSD/CSD			
327	MSD/CSD			
33	INSTITUTIONAL PE/Kaiser 1	11/29/90 Pump 6P-2-62 rotating pump shaft protective cover is missing and rotating key-way on shaft poses hazard.	Install protective cover on this shaft. Pump 6P-1-62 has a smooth surface (no key-way) and requires no cover.	

BUILDING: 62

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
33	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Guard on the air compressor "KC 162" has the back side open and the front side has an elongated opening that could pose an employee shear hazard."	Close up the guard on this compressor so an employee can not come in contact with the danger zone.	
33	INSTITUTIONAL PE/Kaiser 1 11/28/90	"The electrical solenoid on compressor "KC 162" has a protective cover missing and the energized parts are exposed to contact."	Recover the solenoid to protect the exposed energized parts from contact.	
33	INSTITUTIONAL PE/Kaiser 2 11/28/90	Mech. room pump GP-26 and GP-162 have exposed shafts.	Provide proper shaft guarding.	
33	INSTITUTIONAL PE/Kaiser 1 11/29/90	"A small compressor with no ID number sits on an elevated platform 6' high, attached to the chiller. The protective cover has been removed exposing fan blades, belt, and pulley."	"Replace the cover to protect personnel from contact with rotating parts, pinch points, and fan blade."	
33	INSTITUTIONAL PE/Kaiser 1 11/29/90	"Repair work in the overhead was completed and pieces of wood 2x4 and plywood left sitting on the pipes, posing hazard if dislodged."	Remove unnecessary material from the overhead areas.	
33	INSTITUTIONAL PE/Kaiser 1 11/30/90	"The overhead fluorescent lights are also used as emergency lighting, but several tubes have been removed and some lights don't work leaving status of emergency lights suspect."	Identify overhead lights wired to emergency power to ensure they are on priority repair cycle. Test the emergency lighting monthly.	
33	INSTITUTIONAL PE/Kaiser 1 11/29/90	"Several electrical junction boxes and conduits in this room have had protective covers removed, exposing wiring."	Replace all covers to prevent damage and possible electric shock.	
33	INSTITUTIONAL PE/Kaiser 1 11/29/90	"The flammable storage cabinet in this area contains unlabelled oil containers, spilled containers, and rags and oil laying in the containment shelf."	"Remove damaged containers, rags, and unknown oils, label containers properly and perform clean-up."	
33	INSTITUTIONAL PE/Kaiser 2 11/28/90	Substation has no oil retention dike.	Provide oil retention dike and drain.	
33	INSTITUTIONAL PE/Kaiser 1 11/28/90	Junction box behind ARU162 is about four feet off of the ground and does not have a box cover.	Provide junction box with a cover.	
33	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Power panel "93-G" has conduit open as the cover is missing."	Provide cover to the conduit.	
33	INSTITUTIONAL PE/Kaiser 1 11/28/90	Electrical junction 1-62 is located about 7 feet off of the floor. The cover on this box is missing and conductors are exposed.	Cover all open junction boxes.	
33	INSTITUTIONAL PE/Kaiser 1 11/29/90	"The intercom speakers in this area are wired poorly drooping into walk- ways, tied on to conduit and pose tripping and falling hazard."	Reroute all wires out of walkway areas and bundle neatly and secure properly.	
33	INSTITUTIONAL PE/Kaiser 1 11/28/90	"The six foot "Gray" cabinet which contains cleaning gear and boiler parts is not secured against seismic activity."	Secure the cabinet to the concrete wall.	
33 Stairwel 1	INSTITUTIONAL PE/Kaiser 1 11/28/90	The entrance to Building #62 Boiler Room passes through an outside stairwell. This stairwell on the first floor level is packed with chemicals and a variety of combustibles.	Provide a general housekeeping to the first floor stairwell area. Clear area of these materials as the stairwell is an emergency exit.	
336	MSD/CSD			
337	MSD/CSD			
338	MSD/CSD	Housekeeping		
338	MSD/CSD	Cord cap not gripping cord in fume hood		
338	MSD/CSD	Cables and water lines obstruct electrical cable		
338	MSD/CSD	Experiment Near South wall has glass Heating tape		
338	MSD/CSD	Without insulation between tape and metal		
338	MSD/CSD	Split plug heat tapes (many)		
338	MSD/CSD	Old Waber strip		
338	MSD/CSD	Exposed wiring on controller in fume hood		
338	MSD/CSD	Bad wiring on Dif. pump		
338	MSD/CSD	Non standard cord on plug strip		
342	MSD/CSD	Glass Tapes on Metal		
342	MSD/CSD	Variac with Bad Insulation (2 wire)		
342	MSD/CSD	Wiring on Variac looks too small		
342	MSD/CSD	Power Panel on rack not well protected		
342	MSD/CSD	Emergency Eye wash inadequate		
342	MSD/CSD	"Dif. pump wiring bad, Ion gauge lead exposed"		

BUILDING: 62

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
342	MSD/CSD	"Heater tapes, plug strips, term. strip, H.V. labeling bad"		
344	MSD/CSD	Fully enclose temperature controller		
344	MSD/CSD	Bad cord to variac		
344	MSD/CSD	Two wires into 3 wire plug (heater)		
344	MSD/CSD	Daisy-chained plug strips/ check grounds		
347	MSD/CSD			
348	MSD/CSD	Exposed wiring on back of interlock panel		
348	MSD/CSD	"Metal backed plugs, check grounding, heating tapes, etc."		
349	MSD/CSD			
350	MSD/CSD	Bad plug strip		
350	MSD/CSD	Metal backed plug		
350	MSD/CSD	Bad cord on furnace		
361	MSD/CSD			
366	MSD/CSD			
367	MSD/CSD			
361	MSD/CSD			
42A	Engineering S&H Self Inspection 11-21-90	Heavy pieces of equipment stored on shelf about 5 feet above floor	Remove equipment stored on shelf to proper storage	
All	INSTITUTIONAL PE/Kaiser 1 11/26/90	"Field personnel did not have a clear idea of specific LBL safety procedures, e.g., Lock Out, Tag Out and confined space entry procedures."	LBL ES&H should initiate a program to assure that all personnel are aware that key safety and health procedures exist. Additionally employees must be trained in these procedures as operations dictate. Procedures must also be reviewed to assure they are	
High Bay	MSD/CSD	Uncovered power outlets on floor		
High Bay	MSD/CSD	Excessive length drop cords to pwr.		
High Bay	MSD/CSD	Missing plugs in boxes		
High Bay	MSD/CSD	Emergency light wiring		
High Bay	MSD/CSD	Metal backed plugs		
High Bay	MSD/CSD	Safety grounds for 4800 equipment		
High Bay	MSD/CSD	Blocked breaker panels		
High Bay	MSD/CSD	Inline switches		
High Bay	MSD/CSD	Wires on conduit		
Lg.	MSD/CSD	Breaker missing in panel		
Lg.	MSD/CSD	Inline switch		
Lg.	MSD/CSD	Metal backed plugs		
Lg.	MSD/CSD	Radar box		
Lg.	MSD/CSD	Bad cords		
Lg.	MSD/CSD	Uncovered wire trays		
Lg.	MSD/CSD	Wiring on pipes		
Lg.	MSD/CSD	Inline connections		
Lg.	MSD/CSD	Wires in cord grips		
Lg.	MSD/CSD	No targets for ground hooks		
Lg.	MSD/CSD	Safety grounds		
Next	MSD/CSD	GFCI sink outlet		
Next	MSD/CSD	One chain on gas bottles		
Next	MSD/CSD	No lip on shelves		
Next	MSD/CSD	Ext. cord with breaker		
Next	MSD/CSD	Broken Fuses		
Next	MSD/CSD	Air nozzle		
Next	MSD/CSD	Open hole in rack		
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	EG-33 provides power to exhaust hoods and other Level-1 requirements.	System is to be upgraded to Level-1.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Switching arrangement is incorrect. EG-33	Properly arrange switching and transfer status.	

BUILDING: 62

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-33.	Provide start-up and operating instruction guide.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Electric room capacitor switching breaker does not have adequate clearance. Cluttered storage under steps.	Relocate switch to provide adequate clearance. Remove stored items.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bk 66 needs oil containment berm.	Install containment berm.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-81 has no muffler protection. No rain guard.	Install a guard over the muffler.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	HV switch pad needs fence, gate and area lighting.	Install a new approved fence with a lockable gate.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Panel schedule for panel 66A4A4A is out of date.	Update panel schedule for panel 66A4A4A	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	HV switch not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bk 66 not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Screws missing on Bk66 primary termination can.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Chemical dispensing-UFC(1988) prohibits dispensing of certain chemicals from horizontal drums.	A study is in process to determine which drums violate UFC88. Take necessary actions to rectify situation.	
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Buses exiting boarding area cannot see oncoming vehicles.	Install stop sign and mirror.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Unused station telephone and cabinet should be removed.	Remove old phone.	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Roof screens are a seismic hazard to the main structure and roof equipment.	Remove & replace screens	
OFF	Engineering S&H Self Inspection 11/26/90	Bookcase not earthquake (6ft.)	Secure bookcase	
OFF	Engineering S&H Self Inspection 11/26/90	Heavy object on top of bookcase	Remove heavy object from top of bookcase	
OFF	Engineering S&H Self Inspection 11/26/90	HIFI speaker not secured	Secure speakers	
Totals:	MSD/CSD			
Trl	MSD/CSD	Paper storage		
Util.	MSD/CSD	AC cord on water system tied to conduit		
Utilit	MSD/CSD	Loose cable clamp		
Utilit	MSD/CSD	AC wires on conduit		
W.HI	MSD/CSD	Store hand trucks & carts away from hallway		

BUILDING: 62B

1	INSTITUTIONAL Plant Ops-Self 11/30/90	Brintec box has opened unplugged openings (NEC373-4)	Project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	De power feeder into computer rack run outside conduit. (NFPA-70 §300-3 (a))	Project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Open top on computer cabinets; exposed energized parts. Conductors shall be protected from abrasion. (NFPA-70 § 373-4, § 373-5)	Project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Open top on rectifier rack; exposed energized parts. (NFPA-70 § 373-4, § 373-5)	Project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Data terminal and stand block required 36" working clearance (30 inches wide) in front of Bank 365 metering panel (NFPA-70 §110-16).	Relocate equipment.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Boxes and enclosures for emergency circuits shall be marked so they will be readily identified as a component of an emergency circuit (NFPA-70 §700-9).-4.	On project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	A permanent sign shall be placed at the the service entrance equipment indicating type and location of on-site emerg. power sources (NFPA-70 § 700-8).	On project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Optical fiber conduit broken; inadequately supported outside of cabinet. (NEC §300-11, S.C. §16110 3.02 A)	Project's contract punch list.
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Cables from tray to cabinet are unsupported. (SC §16110 3.02 A NFPA-70 §318-5(e), §318-6 (c)).	Project's contract punch list.

BUILDING: 62B

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Halon bottle and stand block required 36" working clearance (30 inches wide) in front of fire protection equipment (NFPA-70 §110-16).	On project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Equipment grounding conductor for rectifier rack shall be continuously identified green. (NEC §210-5).	Assure that all ground conductors are identified "green."	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Cable tray shall be grounded (NFPA-70 §318-7).	On project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Exit shall be marked with a readily visible sign (OSHA 19 CFR §1910.37(q)).	On project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Spare cable not secured on backboard (should not remain on alarm status panel).	Project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Seal all conduits in floor.	Project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Provide certified inspection tag on fire extinguisher	Project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Provide master control disconnect switch at exit door.	On project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	ULnet equipment not secured to rack.	Secure equipment to the rack.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Provide permanent labels on thermostats.	On project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Remove old bolt heads from former Halon bottle position on floor. Workmanship	Project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Identify UL inspection label on Intecom equipment.	On project's contract punch list.	
1	INSTITUTIONAL Plant Ops-Self 11/30/90	Broken ceiling tiles over cable tray and at conduit penetrations.	Project's contract punch list.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No protective guard on exhaust system E-81.	*Install heat shield on exposed exhaust system under 70".	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-81.	Provide start-up and operating instructions.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	*Exhaust piping, < 7' from floor, w/o high temp. insulation or heat shield. (Title 8 §3308)	Project's contract punch list.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Provide locks on all compartment doors to engine and generator.	On project's contract punch list.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	A written record shall be kept of all generator tests and maintenance (NFPA-70 §700-4).	On project's contract punch list.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Disconnect switch requires 30 inch wide working clearance extending 36" out from equipment (NFPA-70 §110-16).	Project's contract punch list.	

BUILDING: 63

AFRD				
AFRD	11/19/90	Exit sign needed south end, food sign on refrigerator, remove heater from top of water heater		
AFRD	11/19/90	All work benches need rewire for 110V outlets and extension cords removed in general		
AFRD	11/19/90	all machine power cords need new plugs		
AFRD	11/19/90	Secure sander		
AFRD	11/19/90	Keep 3' clearance next to breaker behind drill presses		
AFRD	11/19/90	area near hood needs to be cleaned up. All material should be better secured or removed from height above 3-4'		
AFRD	11/19/90	Flammable cabinet needs spring in door so that the door closes automatically		
AFRD	11/19/90	Eye protection required for janitor; signs necessary; location for safety glasses		
AFRD	11/19/90	Flammable cabinet not grounded. No inventory of chemicals		
AFRD	11/19/90	Heavy items stored on top of cabinets		
AFRD	11/19/90	Clean area above rm 102/ mezzanine		
AFRD	11/19/90			

BUILDING: 63

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	AFRD	flammable cabinet not grounded. No inventory		
	AFRD 11/19/90	need ladder safety cage outside		
	AFRD 11/19/90	Label outside piping		
	AFRD 11/19/90	Load limit on loft above office		
	AFRD 11/19/90	conduit box loose east office		
	AFRD 11/19/90	Remove old plugs on lights		
	AFRD 11/19/90	Extension cord under desk		
	AFRD 11/19/90	paper under desk		
	AFRD 11/19/90	remove old metal fans in NW and SW entry		
	AFRD 12/6/90	grounding wire to main panel should be checked by electrical inspector for adequacy		
	AFRD 12/6/90	emergency light is not working and should be fixed		
	AFRD 12/6/90	overhead fluorescent light cords are too long (CAL/OSHA requirement and .305(g)(1)(iii)(d))		
101	AFRD 03/01/90	Install pipe, outlets, equip. cords, etc.		
101	AFRD 11/19/90	no sprinkler system		
101	AFRD 11/19/90	material stored on top of flammable cabinet		
101	AFRD 11/19/90	Electrical box cover missing on east wall		
101	AFRD 11/19/90	Electrical stock room- heavy wire spools on upper shelves piled above lips		
101	AFRD 11/19/90	band saw not tied down, too close to grinder. Also punch too close to grinder		
101	AFRD 11/19/90	Cabinets extending from w wall need earthquaking		
101	AFRD 11/19/90	Utility pipe on N wall unlabeled		
101	AFRD 11/19/90	tot boxes stacked in NW Corner		
101	AFRD 11/19/90	unidentified cables on W Wall (power or comm?) shouldn't be tied to conduit		
101	AFRD 11/19/90	boxes store under table in SW corner		
101	AFRD 11/19/90	Earthquake cabinets by door to 101		
103	AFRD 10/26/90	Provide GFI outlet near sink in 63-103		
103	AFRD 10/26/90	Provide hard wiring to shop machinery		
103	AFRD 11/19/90	no eyeprotection signs, no visitor safety glasses		
103	AFRD 11/19/90	Rewire benches		
103	AFRD 11/19/90	Upgrade mechanical pump under sink		
103	AFRD 11/19/90	Upgrade equipment in shop		
103	AFRD 11/19/90	General cleanup required		
103	AFRD 11/19/90	Patch hole in north wall		

BUILDING: 63

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
103	AFRD AFRD 11/19/90	Secure speaker on North wall		
103	AFRD AFRD 11/19/90	GFI by sink		
103	AFRD AFRD 11/19/90	Material on central cabinets		
103	AFRD AFRD 11/19/90	Secure insulation spool in SW corner		
103	AFRD AFRD 11/19/90	abrasive paper holder on w wall not secure		
Anderson	AFRD AFRD 11/15/90	label as eye protection required. Provide eye protection		
anderson	AFRD AFRD 11/15/90	put blade guard on bandsaw		
EI shop	AFRD AFRD 11/15/90	Electrical panel at entrance door needs 3' clearance		
EI Shop	AFRD AFRD 11/15/90	bandsaw has unguarded blade		
EI Shop	AFRD AFRD 11/15/90	Drill pressens do not seem to have electrical disconnect switches (may not be necessary)		
EI Shop	AFRD AFRD 11/15/90	Food and chemicals are easily mixed in sink area- separate them		
EI Shop	AFRD AFRD 11/15/90	Cover junction box over lathe		
EI Shop	AFRD AFRD 11/15/90	make sure all know about MSDS sheets for all of the materials in the shop		
EI Shop	AFRD AFRD 11/15/90	label machine tool area as requiring eye protection- provide eye protection		
EI Shop	AFRD AFRD 11/15/90	at 2nd bench from rear- an illegal splice in an ac power cord		
outside	AFRD AFRD 11/19/90	Repair siding on outside		

BUILDING: 64

??	AFRD 03/01/90	Finish inst computer pwer in office		
	AFRD 03/01/90	Inst extra outlets as necessary for office equipment		
	AFRD 11/19/90	panel 51A8A2A- missing front cover screws		
	AFRD 11/19/90	wireway covers open and missing		
	AFRD 11/19/90	south end temporary wiring tied to conduit		
	AFRD 11/19/90	south building 64 interior extension cord run thru hole in wall		
	AFRD 11/19/90	cable troughs vicinity of racks B240/B250 not being used. Possibly exceed 20% full		
	AFRD 11/19/90	rack B08 illegal cord coaps- nopt dead front and have metal backs also same problem rack b10		
	AFRD 12/6/90	transite board on outside of biomedical staging lab (corner) is in poor shape and needs to be repaired		
	AFRD 12/6/90	Data for initial monitoring for lead and cadmium should be available. Lead and cadmium do not appear to be a hazard to personnel (1000)		
	AFRD 12/6/90	MSDS for all substances that could present a hazard must be readily available		
	AFRD 12/6/90	Overhead fluorescent light fixture has exposed wiring (305(j)(1)(i))		
	AFRD 12/6/90	The floors are slippery from plastic shavings. either a better floor surface is needed or clean-up must be done continuously		
100A	INSTITUTIONAL Plant Ops-Self 11/30/90	CORRIDOR EXITS THROUGH AN INTERVENING ROOM	EXTEND CORRIDOR 20' THROUGH ROOM 136	

BUILDING: 64

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
101	AFRD 11/02/90	Clean up and organize.		
101	AFRD 11/02/90	Seismic clips put on shelf near door.		
101	AFRD 11/02/90	Hard wire light fixture.		
102	AFRD 11/02/90	Clean house		
102	AFRD 11/02/90	Clean slippery floor		
102	AFRD 11/02/90			
102	AFRD 11/02/90	Replace extension cord to crane.		
102	AFRD 11/02/90	Remove extension cord over wall.		
102	AFRD 11/02/90	Inner room		
102	AFRD 11/02/90	GFI required for receptacle near sink.		
102	AFRD 11/02/90	More electrical outlet need to be installed		
102	AFRD 11/02/90	Replace unapproved power strip on work bench.		
102	AFRD 11/02/90	Cerrobend to be cleaned up and disposed.		
102	AFRD 11/02/90	Make hoist records available (if they exist.)		
102	AFRD 11/15/90	totally unfit for shop work until cleaned up		
103	AFRD 11/02/90	General housekeeping		
103	AFRD 11/02/90			
103	AFRD 11/02/90	Lead bricks need to be covered properly.		
103	AFRD 11/02/90	Gas bottle not secured.		
105,108, 109, 110,111, 115,120	AFRD 04/13/90	Xerox machine and space heater rm 121 need hard wiring.		
105,108, 109,110, 111,115, 120	AFRD 04/13/90	Remove radioactive material		Yes October 26, 1990
107	AFRD 11/02/90	Clear area near panel.		
111	AFRD 11/02/90	Secure 3 file cabinets to wall		
115	AFRD 11/02/90	Clear area near panel on east wall.		
115	AFRD 11/02/90	Hard wire light fixture (2) places, Xerox machine, and space heater.		
115	AFRD 11/02/90	Seismic clips put on card file near south door.		
120	AFRD 11/02/90	Clear area near panel.		
123	AFRD 11/02/90	Room locked. Not reviewed. (Needs housekeeping)		
125	AFRD 11/02/90			
127	AFRD 11/02/90	General housekeeping		
127	AFRD 11/02/90	Remove temporary wiring and replace with permanent.		

BUILDING: 64

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
128	AFRD 11/02/90	Clean oil on floor.		
128	AFRD 11/02/90	Clear area near panel.		
128	AFRD 11/02/90	GFI needed for electrical outlet near sink.		
128	AFRD 11/02/90	Extensive hard wiring needed.		
128	AFRD 11/02/90	Make holst (2) records available (if they exist.)		
128	AFRD 11/19/90	no shields on fluorescent lights near brazing bench		
128	AFRD 11/19/90	corrossives stored in flammable locker		
128	AFRD 11/19/90	small acetylene tanks near metals rack not secured		
128	AFRD 11/19/90	no safety glasses at entrance		
128	AFRD 11/19/90	le blond lathe- no safe guard for loss of power		
128	AFRD 11/19/90	pigtails to lathes are being suspended from conduit		
128	AFRD 11/19/90	bridgeport milling machine- no safe guard for loss of power		
128	AFRD 11/19/90	General commen. Each tool should be tested for loss of power protection. Numerous non-dead front plugs with metal backs		
130	AFRD 11/02/90	GFI needed for electrical outlet near sink.		
130	AFRD 11/02/90	Ventilation may be required for closet.		
131	AFRD 11/02/90			
132	AFRD 11/02/90	GFI needed for switch above shower.		
132	AFRD 11/02/90	Fix broken window.		
132	AFRD 11/02/90	Stock first aid kit.		
136A	AFRD 11/19/90	Inspect fire extinguisher		
136A	AFRD 11/19/90	fire extinguisher inspection out of date		
202	AFRD 11/06/90	Secure cabinets outside 202		
208	AFRD 11/06/90	Tie down rack and cabinets		
210	AFRD 05/21/90	Improve the number of outlets available		
210	AFRD 05/12/90	Provide HAZ com information		
213	AFRD 04/12/90	Label reefer		
215	AFRD 11/15/90	In need of general housecleaning		
223	AFRD 11/06/90	Tie down bookcases, rm. 223		
224	AFRD 11/06/90	Tie down cabinets		
224A	AFRD 04/09/90	Secure cabinets and bookcases		
224C	AFRD 11/06/90	Add power outlets		
225	AFRD 04/12/90	Secure cabinets		

BUILDING: 64

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
227	AFRD 11/15/90	Seismic restraints needed on shelved. Daisy chained cord powers local heater		
238	INSTITUTIONAL Plant Ops-Self 11/30/90	CORRIDOR EXITS THROUGH AN INTERVENING ROOM	EXTEND CORRIDOR 20' THROUGH ROOM 138	
2nd fl conf	AFRD 11/15/90	In conference room, the table under the window needs to be cleaned up		
2nd fl hall	AFRD	south end- move refrigerator to allow cord to plug into outlet. replace plug on end or cord		
50 McV Cr	AFRD 11/19/90	Items stored on top of cabinets		
BX-B238	AFRD 11/15/90	Transfer line/cross connect area- what is voltage rating on cross connects? Racks should be covered or shielded if voltage is 50 or more. Same with BX 20		
center hall	AFRD 11/19/90	lower door. Hallway leading to main exit on west side of building is not marked with an exit sign		
Column w6	AFRD 11/15/90	electrical panel needs 3' clearance		
Column w7	AFRD 11/15/90	open gutter needs to be covered		
cont rm roof	AFRD 11/19/90	roof of control room in hi bay being used for storage. should have general cleanup		
control rm	AFRD 11/15/90	in 50 meV control room- relamp fluorescent light behind rack BX08		
crane	AFRD 11/15/90	check signs for crane, have they been certified and/or tested		
CT	AFRD 10/26/90	Install adequate permanent power for lighting and operation of equipment		
CT	AFRD 10/26/90	Provide covers for mercoid switches at TK-1,TK-2, and TK-3-64		
CT	AFRD 10/26/90	Remove clutter - sweep the area		
CT	AFRD 10/26/90	Install cover on elec. conduit elbow, right side of S44-CB4A at CT-2-64; correct open conduit with exposed wiring, NE corner of CT-1		
CT	AFRD 10/26/90	Install GFI outlets in lower flat areas. These are wet areas		
CT	AFRD 10/26/90	Install inside cover in S1A-6A-9A electrical cabinet		
CT	AFRD 10/26/90	Determine if emergency "off" buttons are required at pumps.		
DR	AFRD 10/26/90	Relocate drum rack away from storm drain		
DR	AFRD 10/26/90	Install grounding straps on drums without them		
DR	AFRD 10/26/90	Clean up area around drum racks		
DR	AFRD 10/26/90	Adequate fire extinguisher(s) in vicinity of drum racks		
DR	AFRD 10/26/90	Provide proper power feed for lighting at Victaulic rack.		
Drum rack	AFRD 11/15/90	Provide sufficient grounding straps to allow bonding of liquid receiver to rack and drum before dispensing liquid		
east	AFRD 11/15/90	on east side of building, an open trench under electrical panel 84A needs to be covered. An open gutter near the hard tube modulator under window needs to be covered		
east out.	AFRD 11/19/90	drip pan missing under drums of oil or not sufficient; quantity of grounding wires not adequate; no corrosion protection		
Entrance	AFRD 11/02/90	Door needs repair.		
General	AFRD 11/02/90	Building needs external washing.		
General	AFRD 11/02/90	Paging system needs modification. Cannot be heard throughout building.		

BUILDING: 64

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
General	AFRD 11/02/90	Clean windows, blinds, sills, walls (interior.)		
General	AFRD 11/02/90	Heating system is not adequate.		
hall	AFRD 11/06/90	Install cable tray down hallway for existing cable runs.		
hall	AFRD 11/06/90	Remove unused cables		
hall	AFRD 11/06/90	Tie down cabinets south end of hall		
hall	AFRD 11/06/90	Move or remove power switch behind cabinets at south end of hall		
hl bay	AFRD 11/19/90	egress path not clear		
hl bay	AFRD 11/19/90	panel 51AGA, Second cover not locked or secured with screws		
hibay	AFRD 11/19/90	lips missing from part storage shelves		
hibay	AFRD 11/19/90	unlabeled pipes along w wall		
hibay	AFRD 11/19/90	row of cabinets along walkway by blue racks that are not secured Same with ones between supercon area and klystron test stand		
hibay	AFRD 11/19/90	Klystron area used for storage, needs general clean-up		
hibay	AFRD 11/19/90	breaker panel 34A.5A being used for storage. Need to keep clear		
hibay	AFRD 11/19/90	lead bricks alongside door at west entrance should be removed. Lead bricks are being store outside on N side of building exposed to weather		
hibay	AFRD 11/19/90	s exit not well marked. Route to exit not marked		
hibay	AFRD 11/19/90	fire extinguisher out of date. Overhead door south		
hibay	AFRD 11/19/90	rack b249 exposed power voltage 3 prong-2 prong power cords coming out of rack from		
hibay	AFRD 11/19/90	saw worker carrying large PCB capacitor and no safety shoes. When asked about shoes, he said he was not authorized to purchase shoes		
hibay	AFRD 11/19/90	hl bay telephone cord constitutes a trip hazard. Run on deck across passage		
hibay	AFRD 11/19/90	east side 480 vac pignall need additional protection where it enters trench		
hibay	AFRD 11/19/90	base or rack b240: 410 cables on deck not protected		
hibay	AFRD 11/19/90	south end temporary wiring secured to conduit		
hibay	AFRD 11/19/90	east side- reeler has 2 wire plug and in addition cord is in bad shape		
hibay	AFRD 11/19/90	hibay vicinity panel 34A1A- illegal cord plug not dead front		
hibay	AFRD 11/19/90	north end hibay- signal phone and temp wiring suspended from conduit		
hibay	AFRD 11/15/90	Develop containment method at bottom of enclosing case		
hibay	AFRD 11/15/90	Need procedure for entry to HV cabinets, how and where and when to apply grounding hooks		
hibay	AFRD 11/15/90	need access to panel on east wall near winding area		
hibay	AFRD 11/15/90	need procedure for access during crane operation		
ne hibay	AFRD 11/19/90	ne corner of hl bay- cable gutter missing cover overloaded - in excess of 20%		
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Substation Bank 84 feeder breakers not properly marked. Primary does not have lock-out provision.	Properly mark all breakers. Provide lock-out provision for primary.	

BUILDING: 64

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Substation Bank 20A station is blocked by pallets and other debris. Distribution panels obstructed; not properly identified.	Remove all obstructing materials and properly identify station.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Substation Bank 84 gate is completely blocked. Station not properly identified.	Remove all obstructions and properly identify station.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Delonizer DX-1-64 has been taken out of service but has been left in place. Contains resins with heavy metals	Unit needs to be removed, cleaned & disposed of. Resins may need to be disposed as hazardous material based on tests.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Entry blocked by pallets.	Remove pallets to an approved storage site.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Primary circuit breaker not padlockable and is not in sight of xfmr.	Relocate the primary breaker or install a new lockable breaker at the transformer.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Entry to pad blocked with lumber, pallets & misc. materials.	Remove the material to an approved storage site.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Panel S39-4A blocked by material.	Remove the material to an approved storage site.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Xfmr not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Panel 51A6A indicates xfmr to be Bank 34, but secondary panel labeled as 84A.	Install correct Panel Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Chemical dispensing-UFC(1988) prohibits dispensing of certain chemicals from horizontal drums	Initiate study to determine which drums violate UFC88. Take necessary actions to rectify situation.	
none	INSTITUTIONAL Plant Ops-Self 12/7/90	A possibility exists for overhead hook of crane Cr-1-64 to run into jlb below.	Install an audible alarm and flashing lights on crane	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No secondary circuit breaker	Investigate necessity for a secondary breaker and install a new breaker, if required.	
offices	AFRD 11/06/90	Need added electrical service for offices, north end of hall		
old CW rm	AFRD 11/15/90	old Cockroft-Walton source room- install cover plate on interlock box on outside of entrance door		
out north	AFRD 11/19/90	12' storage racks should be secured. might impede emergency vehicle access behind 64		
outside s	AFRD 11/19/90	storage bins for heavy cables stacked improperly. Again, impedes access to buildings		
rear	AFRD 11/19/90	Repair oil storage drip pans and secondary containers. Enforce daily cleaning signs		
rear	AFRD 11/19/90	Provide alternate route for radiation monitor distribution box cables (not wrapped around utility pipes).		
rear	AFRD 11/19/90	Repair roof gutter drain		
rear	AFRD 11/19/90	Secure pipes in pipe rack		
rear	AFRD 11/19/90	Replace material in auto sprinkler drier		
rear	AFRD 11/19/90	oil storage drip pans and secondary containers in disrepair. Are daily cleaning signs enforced?		
rear	AFRD 11/19/90	radiation monitor distribution box cables wrapped around utility pipes		
rear	AFRD 11/19/90	roof gutter drain damaged		
rear	AFRD 11/19/90	pipes in pipe rack not secured		
rear	AFRD 11/19/90	auto sprinkler dryer material needs to be replaced		
roll up door	AFRD 11/19/90	box in line from ceiling not secured properly		
s east	AFRD 11/19/90	fire extinguisher inspected in 1989		
s. hl bay	AFRD 11/19/90	3' clearance in front of panels		
s hl bay	AFRD 11/19/90	step ladder used as a permanent staircase on klystron test equipment		

BUILDING: 64

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
s hi bay	AFRD 11/19/90	grounding hooks not grounded on roll around equipment- no panels covering hi voltage caps (near Klystron test facility)		
s hlbay	AFRD 11/19/90	no shields on fluorescent lights above workbenches		
s hlbay	AFRD 11/19/90	high voltage distribution racks have missing panel covers; wires draped thru panel slots, 3 wire to 2 wire cheater plugs being used		
s hlbay	AFRD 11/19/90	improper grounding and broken grounding straps on hi voltage racks		
s hlbay	AFRD 11/19/90	panel cover taped in place near panel 34A and mystery wires hanging out of conduit		
s hlbay	AFRD 11/19/90	cabinets near panel 63A not secured		
sc	AFRD 11/19/90	misc trash presents a fire hazard		
sc out	AFRD 11/19/90	unlabeled compressed air line near solvent rack. No regular or pressure gauge		
shop	AFRD 04/11/90	Machine shop provide proper wiring for ten machine tools		
shop	AFRD 11/15/90	install guard on belt slots in milling machine		
south	AFRD 11/19/90	Secure neutron source container; stow cables properly		
south	AFRD 11/19/90	Secure electrical box in line from ceiling		
south	AFRD 11/19/90	Provide 3' clearance in front of electrical panels		
south	AFRD 11/19/90	Provide shields on fluorescent lights over workbenches		
south	AFRD 11/19/90	Provide covers for high-voltage distribution racks; get rid of wires draping through panel slots; do away with 3-wire to 2-wire adapters.		
south	AFRD 11/19/90	Provide proper grounding and grounding straps on high-voltage racks		
south	AFRD 11/19/90	Provide proper stairs on rf test equipment - don't use stepladder.		
south	AFRD 11/19/90	Provide ground for grounding hooks on roll-around equipment; provide panels to cover high-voltage capacitors (near klystron test facility)		
south	AFRD 11/19/90	Remove tape from panel cover and install properly; remove mystery wires hanging from conduit		
south	AFRD 11/19/90	neutron source container needs to be secured with proper stowing of cables		
upstairs	AFRD 11/06/90	Rework isobars		

BUILDING: 64-213

AFRD	04/12/90	Replace printer cord

BUILDING: 64-225

AFRD	04/12/90	Put lips on bookshelves
AFRD	04/12/90	Remove paper under tables

BUILDING: 65

10	Administration OSHA	5/30/90	MULTI HOLES IN FIRE WALLS FOR LINES TO TOP FLOOR & CONDUIT	repair	
103	Administration OSHA	5/30/90	CEILING TILE BROKEN	replace	
14	Administration OSHA	5/30/90	CEILING PANEL CRACKED	replace	
19	Administration OSHA	5/30/90	STAIRS DO NOT HAVE 6'6" OVERHEAD CLEARANCE	evaluate	Yes November 7, 1990 Bagot, W. C.

BUILDING: 65

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
19	Administration OSHA 5/30/90	STEP RISERS ON STAIRS ARE SPACED GREATER THAN 7-1/2"	evaluate	Yes November 7, 1990 Bagot, W. C.
22	Administration OSHA 5/30/90	DOOR GLASS DOES NOT HAVE SAFETY STICKER	evaluate	
4	Administration OSHA 5/30/90	DETERMINE IF 65-004/0020 WALL IS FIRE WALL/ CHECK FOAM-PIPE	evaluate	
NONE	Administration OSHA 5/30/90	STAIRWAY TOEBOARDS AT 3" HIGH - NOT REQUIRED 4"	replace	
NONE	Administration OSHA 5/30/90	NO EMERGENCY LIGHTING IN ANY OF THE BUILDINGS	evaluate	Yes November 2, 1990 Bagot, W. C.
NONE	Administration OSHA 5/30/90	VENTALATION IN BLDG 65 IS POOR	evaluate	
NONE	Administration OSHA 5/30/90	NO CURRENT EMERGENCY PLAN FOR THE FACILITY	establish	
NONE	Administration OSHA 5/30/90	EMPLOYEES UNAWARE OF EMERGENCY PROCEDURES	train	
NONE	Administration OSHA 5/30/90	NO RECENT TRAINING ON EMERGENCY PLAN	train	
NONE	Administration OSHA 5/30/90	SHUT DOWN PROCEDURES NOT POSTED	post	
NONE	Administration OSHA 5/30/90	NO LIGHT AT CROSSWALK BETWEEN BUS STOP & BOTTOM 50A	evaluate	
NONE	Administration OSHA 5/30/90	HOLE PRESENT IN FLOOR JOIST OPENING (OVER FIRE BOX)	repair	
None	Administration OSHA	Changes of Direction/Elevation not identifiable	identify	Yes November 2, 1990 Bagot, W. C.
None	Administration OSHA	No MSDS Training Program	train	Yes November 2, 1990 Bagot, W. C.
None	Administration OSHA	No explanation of "Right to Know"	train	Yes November 2, 1990 Bagot, W. C.
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Furnace GH-1-65 is missing air flow switches & the high temperature cut-out	Install new switch & high temp cut-out.	
none	INSTITUTIONAL Plant Ops-Self 12/7/90	95 linear feet of toe board is missing along paved walkway	Install toe board	

BUILDING: 65A

101	Administration OSHA 5/30/90	EXIT SIGN NOT ILLUMINATED BY A RELIABLE LIGHT	evaluate	Yes November 2, 1990 Bagot, W. C.
101	Administration OSHA	Ceiling Tile Broken	replace	Yes November 2, 1990 Bagot, W. C.
101	Administration OSHA	Face Plate Missing Off of Box	replace	Yes November 2, 1990 Bagot, W. C.
102	Administration OSHA 5/30/90	ROOM CAPACITY SIGN NOT POSTED	post sign	Yes November 2, 1990 Bagot, W. C.
102	Administration OSHA 5/30/90	MONITOR AND STAND ARE NOT ANCHORED	secure	
106	Administration OSHA 5/30/90	LARGE MONITOR NOT ANCHORED	secure	
107	Administration OSHA 5/30/90	COVER MISSING FROM LIGHT FIXTURE	install	
110	Administration OSHA 5/30/90	FLAMMABLE MATERIAL STORED UNDER DESK/TABLES	remove	Yes November 2, 1990 Bagot, W. C.
110	Administration OSHA 5/30/90	EXIT SIGN NOT ILLUMINATED BY RELIABLE LIGHT SOURCE	evaluate	Yes November 2, 1990 Bagot, W. C.

BUILDING: 65A

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
111	Administration OSHA 5/30/90	PAPER TAPED OVER VENT TO ACT AS DIFFUSER	replace	
114	Administration OSHA 5/30/90	LIPS MISSING FROM BOOKSHELVES	install	
NONE	Administration OSHA 5/30/90	COVER MISSING OFF OF LIGHT FIXTURE	install	
NONE	Administration OSHA 5/30/90	FLORESCENT LIGHT BULBS EXPOSED	cover	
NONE	Administration OSHA 5/30/90	NO FIRE ALARM BELL	install	Yes November 2, 1990 Bagot, W. C.
NONE	Administration OSHA 5/30/90	TEMPORARY TELEPHONE CABLE IS LAYING ALONG SIDE BUILDING	replace properly	Yes November 2, 1990 Bagot, W. C.
none	Administration OSHA	Face Plate missing off of box	Replace	

BUILDING: 65B

100	Administration OSHA 5/30/90	EXITS NOT MARKED WITH SIGN ILLUMINATED BY RELIABLE LIGHT	evaluate	Yes November 2, 1990 Bagot, W. C.

BUILDING: 66

MSD/CSD	"Data Base prepared by P. Ruegg 11/19:12/12/90"
MSD/CSD	">Fire doors in labs & corridors propped open, some w/ devices"
MSD/CSD	">EXIT signs not posted over any lab doors/Any doors not used as such to have NOT AN EXIT"
MSD/CSD	">Eyewash stations in halls had no covers over faucet head"
MSD/CSD	">Lab eyewash stations single spigot type-not best practice"
MSD/CSD	">Woven fiberglass heating tapes on UHV systems are no longer permitted"
MSD/CSD	">Heating tape split plugs will be epoxy glued together"
MSD/CSD	">Open weave heating tape shall not be used without total electrical insulation"
MSD/CSD	">No electrical cord shall be spliced unless splice is placed in a grounded metal box"
MSD/CSD	">Gas cylinder storage shall not be allowed in any lab"
MSD/CSD	">Gas cylinders not in use shall be returned to stores"
MSD/CSD	">Gas cylinders shall be secured in approved seismic safety restraints in all laboratories"
MSD/CSD	">Electronic Chassis safety grounds must be reviewed by Division electronics personnel"
MSD/CSD	">No electrical connectors or splices are allowed in overhead cableways"
MSD/CSD	">Upgrade all electrical plug connectors, male & female, to present code requirements"
MSD/CSD	">Install panel blanks & rear doors on electronics racks where exposed voltages exist"
MSD/CSD	">Plastic waste baskets & plastic recycle bins add to fire load. Replace w/ metal bins"
MSD/CSD	">In labs that use H ₂ , H ₂ gas use not in compliance w/ Pub.3000"
MSD/CSD	"Hydrogen gas use being reviewed by LBL Flammable Gas Committee"
MSD/CSD	">Old style gray Wabber electrical plug strip shall be replaced due to faulty grounding"
MSD/CSD	">Ground Fault Current Interrupters are required on outlets near sinks"
MSD/CSD	">Hallway electrical panels blocked by open lab doors"
MSD/CSD	">ALL CIRCUIT BREAKER PANELS MUST HAVE 36" FRONT CLEARANCE FROM TOP TO FLOOR"

BUILDING: 66

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	MSD/CSD	>All equipment not in use shall have power removed and be tagged OUT OF SERVICE		
	MSD/CSD	>Panel stencil identification # shall be large enough to read across lab.		
	MSD/CSD	>ALL FIRE DOORS ARE TO BE KEPT SHUT.		
	MSD/CSD	>MSDS copies of all lab chemicals shall be within sight & reach of all who enter lab.		
	MSD/CSD	>No exposed electrical voltage sources are permitted		
	MSD/CSD	>P.A. speakers in all rooms shall be operational and audible		
	MSD/CSD	>All chemicals shall be kept in a second container that can hold entire contents if spilled		
	MSD/CSD	>Plastic waste baskets are not allowed as they contribute to a fire load		
	MSD/CSD	>Inline electrical switches shall be of the Code acceptable type		
	MSD/CSD	>All electrical terminal strips shall be covered to prevent accidental voltage contact		
	MSD/CSD	>All plug strips shall be properly grounded and completely covered		
110	INSTITUTIONAL PE/Kaiser 2 11/28/90	*Boiler Room - no egress, emergency lighting or an illuminated exit sign.*	Provide emergency egress lighting or illuminated exit sign and emergency lights.	
110	INSTITUTIONAL PE/Kaiser 2 11/28/90	Fan #AHU-2-66 shaft exposed.	Replace shaft cover.	
110	INSTITUTIONAL Plant Ops-Self 12/7/90	Elevated work station not completed; grating missing.	"Place sign "Under Construction"	
111	INSTITUTIONAL Plant Ops-Self 12/7/90	Elevated work station not completed; grating missing.	"Place sign "Under Construction"	
112	MSD/CSD	Paper storage not allowed		
112	MSD/CSD	Sodium Hydroxide stored outside Acid Locker		
112	MSD/CSD	*Corrosives improperly stored in Acid Locker, locker improperly marked*		
114	INSTITUTIONAL PE/Kaiser 2 11/28/90	Electric room panel does not have directory.	Provide directory.	
114	MSD/CSD	No face cover on 120 Volt outlet		
114	MSD/CSD	Fix duplex outlet		
1st Fl	MSD/CSD	Utilities piping in hall unmarked as to contents or direction of flow		
201	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
201	MSD/CSD	LN2 filler solinoid wired with 2 conductor cord (zip cord)		
201	MSD/CSD	Blocked electrical panel		
201	MSD/CSD	Panel stenciling inadequate		
201	MSD/CSD	2 Old style gray Wabner electrical plug strips shall be replaced due to faulty grounding		
201	MSD/CSD	Rear fire exit blocked		
201	MSD/CSD	Bad cord on small furnace		
201	MSD/CSD	Exposed AC outlet box in rack		
201	MSD/CSD	Check on how cord is run on strip under desk		
204	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
204	MSD/CSD	No external ground wire on two RF power supplies		
204	MSD/CSD	Two separate lengths of extension cords ganged together (daisy chain)		
204	MSD/CSD	Bookcase in front of electrical panel		
204	MSD/CSD	MSDS copies not readily available		
204	MSD/CSD	All doorways not used as an exit must have posted a NOT AN EXIT sign on both sides		
204	MSD/CSD	*Strain relief on AC cord, control chassis*		
204	MSD/CSD	Cabinet under breaker box		
207	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		

BUILDING: 66

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
207	MSD/CSD	Equipment blocking fume hood		
207	MSD/CSD	"Improvised ground to "pump control unit" loose"		
210	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
210	MSD/CSD	Ion gauge electrical leads must be covered to prevent shock		
210	MSD/CSD	Electrical cable must not have different voltage connectors (ie:600V>6KV)		
210	MSD/CSD	Exposed terminals on heating bars located on UHV chamber base		
210	MSD/CSD	Cover sides of large plug strip		
210	MSD/CSD	Ion pump Bakout wiring not to specs.		
210	MSD/CSD	Ion gauge improperly protected		
211	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
211	MSD/CSD	Ground System tied to Nitrogen pipe instead of cold water pipe		
211	MSD/CSD	Non lead front plug		
215	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
215	MSD/CSD	"Power rack has open spaces on front, must be covered to prevent access to high voltage"		
215	MSD/CSD	"Ground wire is connected to Dry N2 line, not industrial water lines"		
215	MSD/CSD	Improper grounding		
215	MSD/CSD	High voltage labels missing		
219	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
219	MSD/CSD	Panel blocked		
219	MSD/CSD	Inline switch on vacuum pump		
219	MSD/CSD	exposed wiring		
221	MSD/CSD	Metal backed electrical plug		
221	MSD/CSD	Blocked hall breaker box		
221	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
221	MSD/CSD	Panel Blocked		
224	MSD/CSD	1/2 hp mech. vac. pump needs switch on unit		
225	MSD/CSD	Uncovered high current terminals		
225	MSD/CSD	Uncovered feed ?		
225	MSD/CSD	Uncovered wiring in cord grips		
225	MSD/CSD	No strain relief on terminal strips		
225	MSD/CSD	Questionable wiring in fume hood		
225	MSD/CSD	Connector in wireway		
225	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
225	MSD/CSD	No external ground on laser table		
225	MSD/CSD	"Ground wire on power stack is to Dry N2 line, must be to Industrial Water Supply line"		
225	MSD/CSD	Power lines on floor over walk way		
225	MSD/CSD	"Power rack has open spaces on front, must be covered to prevent access to high voltage"		
225	MSD/CSD	Door exit blocked		
225	MSD/CSD	Blocked electrical panel (#1 and #2)		
225	MSD/CSD	"Relay rack panels missing (2nd rack, too)"		
225	MSD/CSD	Gas bottle tied up with wire		
225	MSD/CSD	Laser table ground tied to cable rack		
229	MSD/CSD	Unacceptable storage in lab.		
229	MSD/CSD	No clear egress		
229	MSD/CSD	Blocked electrical panel		
229	MSD/CSD	229 is being used as storage		
231	MSD/CSD	Unacceptable high voltage adaptor		

BUILDING: 66

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
231	MSD/CSD	Unguarded feed ?		
231	MSD/CSD	Unguarded ion gauge leader		
231	MSD/CSD	Unacceptable plug strips		
231	MSD/CSD	Uncovered terminal strip		
231	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
231	MSD/CSD	No ground from power supply to equipment		
231	MSD/CSD	Unattached gas cylinders in power equipment rack		
231	MSD/CSD	Re-label Oxidants in fume hood		
231	MSD/CSD	Blocked electrical panel		
231	MSD/CSD	No ground between high voltage rack and experiment frame		
231	MSD/CSD	No ground between rack and house ground		
232	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
232	MSD/CSD	"U" ground adaptor improperly used"		
232	MSD/CSD	Separated wires in cord strip on preamp.		
232	MSD/CSD	Safety grounds improperly installed		
232	MSD/CSD	High voltage labels missing		
250	MSD/CSD	Heater on floor of cubicle powered by inadequate power source. Replace w/ low watt type		
2ndFl	MSD/CSD	ALL FIRE DOORS ARE TO BE KEPT SHUT.		
301	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
301	MSD/CSD	Diffusion pump connector not to code		
304	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
304	MSD/CSD	Chemicals on table and in hood unidentified		
304	MSD/CSD	Electrical plug strip wired with inadequate gauge cord		
304	MSD/CSD	Eyewash fixture blocked		
304	MSD/CSD	Hose from faucet extends into sink and could syphon waste into supply water		
304	MSD/CSD	Lead brick counterweight not covered (paint or tape)		
308	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
308	MSD/CSD	Chemistry is unidentified		
310	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
310	MSD/CSD	Hose from faucet extends into sink and could syphon waste into supply water		
310	MSD/CSD	"Gas cylinders on floor, unsecured."		
310	MSD/CSD	5 gallons of alcohol stored outside flammables locker or in approved flammables can		
310	MSD/CSD	Rear EXIT blocked		
310	MSD/CSD	Electronics rack sides not covered allowing high voltage access		
310	MSD/CSD	No lower chain restraint on gas cylinder		
314	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
314	MSD/CSD	Electronics chassis not anchored		
314	MSD/CSD	Chemicals on table not in secondary container-spill could leak into sink drain		
314	MSD/CSD	Rear fire door blocked		
314	MSD/CSD	Mechanical test equipment not anchored		
317	MSD/CSD	Unlocked door on lighting control rack		
317	MSD/CSD	Bad cord on plug strip at speakers stand		
317	MSD/CSD	No aisle lights		
317	MSD/CSD	Loose hardware in stage receptacles		
317	MSD/CSD	Waber strip cord damaged @ stage receptacle		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
317	MSD/CSD	Wirefeed holes need protective devices for wires		
317	MSD/CSD	Exit signs needed @ deck doors		
317	MSD/CSD	Improper storage in rear projection area		
317	MSD/CSD	Use proper elevation device & secure rear T.V. projector		
317	MSD/CSD	No emerg. lighting in rear proj. area		
317	MSD/CSD	Stairs (top and bottom) should be color coded		
317	MSD/CSD	Update elect. panel schedules		
317	MSD/CSD	Remove low voltage wiring @ panel ? if not being used		
317	MSD/CSD	Storage on building bracing		
317	MSD/CSD	Wire way cover loose		
317	MSD/CSD	Main power cord banded with signal cables		
317	MSD/CSD	No emergency lighting		
317	MSD/CSD	Waber strip daisy chained to elect. cabinet		
317	MSD/CSD	Questionable wiring of waber strip @ window console		
317	MSD/CSD	Waber strip banded to signal cables		
317	MSD/CSD	Storage on top of elect. cabinet		
317	MSD/CSD	Trak lighting should be on dimmer switch		
317	MSD/CSD	Elect. cabinet not secured		
317	MSD/CSD	Screws missing from metal plate adjacent to railing		
317	MSD/CSD	Mike splitter box unsupported		
317	MSD/CSD	Low voltage wireway loose		
323	MSD/CSD	Wires on conduit		
324	MSD/CSD	Open front plugs		
328	MSD/CSD	Bad cord on small box furnace		
328	MSD/CSD	Inadequate grip on large box furnace		
328	MSD/CSD	Variac control on floor		
328	MSD/CSD	Bad cord on furnace in hood		
328	MSD/CSD	Bad cord on KEPCO power supply		
331	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
331	MSD/CSD	Incompatible chemicals stored in fumehood		
331	MSD/CSD	Experiment set up on top of flammables cabinet		
331	MSD/CSD	Wiring exposed on fluorescent lamp		
331	MSD/CSD	Loose ground pin on hot plate		
331	MSD/CSD	In line switch with no strain relief		
336	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
336	MSD/CSD	Need 3 wire cord on timer near sink -dark room-		
3rd fl	MSD/CSD	Hall fire door open...National Fire Code requires that all fire doors remain closed		
401	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
401	MSD/CSD	"Fire door open, blocking access to Electrical panel"		
401	MSD/CSD	Rack # PF05-06 missing front panels giving access to dangerous voltages		
401	MSD/CSD	"Split plug heating tapes, rubber type, must have plugs epoxy glued together"		
401	MSD/CSD	480 volt identification sign shall be posted on power supply in rack		
401	MSD/CSD	Diffusion pump wire improperly installed		
401	MSD/CSD	Electrical cords too close to mechanical pump.		
401	MSD/CSD	Five gallons of Ethyl Alcohol stored under table		
401	MSD/CSD	Electrical cable supported from conduit		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
403	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
403	MSD/CSD	Electrical cabinets (two) blocked by cables and table		
403	MSD/CSD	Unsecured gas cylinder bottle with regulator attached		
403	MSD/CSD	Electrical input to vac chamber without guards		
403	MSD/CSD	Extension cords plugged together to make one long cord (daisy chained together)		
403	MSD/CSD	Diffusion pump connectors bad		
407	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
407	MSD/CSD	Bad Line Filter		
407	MSD/CSD	AC cord feeding terminal strip has no strain relief		
407	MSD/CSD	Ian cord spliced without box		
407	MSD/CSD	Wiring into cord cap not bushed		
407	MSD/CSD	"A.C. connectors, cables, front panel connectors, Variac knob not to code "		
407	MSD/CSD	"3 wire adapter, line filter, big D.P.cover, bias gnd. box, solinoid wire, small D.P. cover"		
417	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
417	MSD/CSD	Panel blanks needed to cover open spaces on panel rack		
417	MSD/CSD	Electrical input to vacuum chamber unguarded		
417	MSD/CSD	"No cap on Hexane gas cylinder, connection not sealed"		
417	MSD/CSD	Electrical panel obstructed by gas cylinders		
417	MSD/CSD	Illegal electrical cable		
417	MSD/CSD	Cable cord draped across vacuum pump		
417	MSD/CSD	Gas cylinders on floor behind rack		
417	MSD/CSD	Cord adapters left ungrounded		
417	MSD/CSD	Duplex outlets on rack fed by power cord (radar box)		
417	MSD/CSD	Entire rack wiring shall be examined by division electronics specialist		
417	MSD/CSD	"4.5x4.5 duplex box has knockout blank uncovered, located next to door"		
411	MSD/CSD	"Front Racks>>>No strain relief on cords, exposed ACwire on Powr. Supl., Bad AC cords"		
411	MSD/CSD	"Front UHV syst>>>Bad cord on bakeout shroud, DP con, sol.wires, ion gage con.pmp wires "		
411	MSD/CSD	"Rt.Rear Rack>>>Loose AC feed on wall,"		
411	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
411	MSD/CSD	"Rear UHV syst>Zip cord on pwr sup,Bad DC conn, Exposed fdthrus,Sol wires,CrkdACwire "		
411	MSD/CSD	"3 wire adapter ungrounded, DP connectors not to code"		
416	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
416	MSD/CSD	Unsecured gas cylinder under fume hood		
416	MSD/CSD	Incompatible chemicals stored in fume hood		
416	MSD/CSD	Electrical cabinet obstructed by computer bench		
416	MSD/CSD	Second EXIT path obstructed by computer bench		
416	MSD/CSD	Electrical input to vacuum chamber unguarded		
416	MSD/CSD	Electrical connectors made with battery clips		
416	MSD/CSD	Cables not to code specifications		
416	MSD/CSD	3 cables with ends rated for different voltages (ie-5KV>500KV etc.)		

BUILDING: 66

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
416	MSD/CSD	Incorrect electrical cord to LN2 transfer line solinoid		
416	MSD/CSD	Equipment rack power cord of incorrect type		
427	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
427	MSD/CSD	Laboratory has no secondary EXIT		
427	MSD/CSD	"DP connector not code, Ion gage lead unprotected, strain relief needed on elec. cords"		
421	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
421	MSD/CSD	Rack>>> Sorenson power supply not to code		
421	MSD/CSD	Loose conduit and power feed on wall		
421	MSD/CSD			
421	MSD/CSD	"Vac. System>>>Power feed thrus not insulated, Diff pump connector not to code"		
421	MSD/CSD	Unchained bottom on gas cylinder		
424	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
424	MSD/CSD	"DP connector not code, Ion gage lead unprotected, strain relief needed on elec. cords"		
426	MSD/CSD	Wires wrapped in yellow tape (why?)		
426	MSD/CSD	Bad co-ax cable		
426	MSD/CSD	Electrical lead to Ion gauge unprotected		
426	MSD/CSD	Breaker box obstructed		
426	MSD/CSD	High voltage labels missing on equipment		
426	MSD/CSD	Ground wires to be checked by electronics staff		
427	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
427	MSD/CSD	No insulation on strip heaters		
427	MSD/CSD	"Front Rack>>>Strain relief on cords not code,Exposd hi currnt termns, Exp. feed thrus"		
427	MSD/CSD	"Rear Rack>>>Rack panls gone,wires on cabl grips,Exposd AC on NJEpwr sup,un-gnd bias bx"		
427	MSD/CSD	Incorrect diffusion pump wiring (DP's on bench)		
427	MSD/CSD	Chemicals on benches not in secondary containment vessels (could spill into sink)		
430	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
430	MSD/CSD	Rack doors open		
430	MSD/CSD	Lead brick unpainted or covered		
430	MSD/CSD	"Illegal cable,connector,Strain Relief on cord, remove relay panel, Ion gage cover"		
430	MSD/CSD	Unidentified materials in fume hood		
430	MSD/CSD	Chemicals not in secondary containment vessel stored on work bench		
430	MSD/CSD	Exit door partially obstructed		
430	MSD/CSD	Electrical panel partially obstructed		
430	MSD/CSD	Second EXIT partially obstructed		
430	MSD/CSD	Bad power cord on LN2 filler solinoid		
430	MSD/CSD	Electrical inputs to vacuum chamber not guarded		
430	MSD/CSD	Gas cylinders on floor		
433	MSD/CSD	REVIEW ALL GENERIC MODIFICATIONS LISTED ON PAGE ONE!!		
433	MSD/CSD	Doorway blocked open		
433	MSD/CSD	Controller on floor		
4th fl	MSD/CSD	"Paper storage not allowed, material can fuel fire"		
4th fl	MSD/CSD	"Recycle container for paper is plastic, material can fuel fire"		

BUILDING: 66

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4th fl	MSD/CSD	Firedoor has device that can prevent it from closing completely		
Boiler	MSD/CSD	Sodium hydroxide not stored in locker		
Boiler	MSD/CSD	Paper stored		
Boiler	MSD/CSD	"Metal ladder not stenciled "not for electrical use""		
Boiler	MSD/CSD	Acid in locker labled corrosives		
Boiler	MSD/CSD	"Acid outside locker, what about ?"		
Boiler	MSD/CSD	Danger high voltage signs on panel		
Hall	MSD/CSD	Flammables		
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-67.	Provide start-up and operating instructions.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-67.	Provide start-up and operating instructions.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No rain deflector on vertical exhaust pipe EG-67.	Install flapper or other type rain deflector.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Oil containment berm needed at front of transformer.	Install containment berm.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bus duct penetration into building needs fire stop.	Install approved fire saling.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Xlmr needs to have tank ground pad connected to substation grounding grid.	Install ground cable, if required.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	HV switch does not appear to be grounded to substation grounding grid.	"Install ground cable, if required."	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Fire alarms are being caused by diesel exhaust, from the Building 62 EG, being drawn into Bldg 66.	Extend diesel exhaust stack. Refer to Job# 129600.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Xlmr & HV switch not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Fan control cabinets need to be labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-67 has no exhaust rain cap.	Install a rain cap.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Housekeeping needed.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Xlmr and LV termination can are rusty.	Repaint Transformer and secondary enclosure.	
none	INSTITUTIONAL Plant Ops-Self 12/5/90	Flammable gas supply & vent systems do not have any record that it meets present safety code.	Initiate study to review safety and determine code compliance. Document finding.	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Seismic anchorage of program equipment is incomplete and will pose safety threat in a quake.	Evaluate & retrofit	
Office	MSD/CSD	Fire Door Open		
Office	MSD/CSD	Heater plugged into partition overleads		
Office	MSD/CSD	Partition wiring		
Roof	MSD/CSD	Electrical panel cover removed in elevator room		
Roof	MSD/CSD	Disconnect switch not labled for source of power in electrical main power room		
Tel	MSD/CSD	Flammables and Debris		

BUILDING: 66/2

none	INSTITUTIONAL Plant Ops-Self 11/30/90	Domestic drinking water is contaminated by "Blue" water, dissolved copper salts & heavy metals, resulting in potential long range health problems.	Develop a team of CM,EHS, PE, & consultants to evaluate remediation possibilities for permanent remedy. Implement correction.	

BUILDING: 68

1	Administration OSHA	VALVE IN WALKWAY	move	

BUILDING: 69

100	Administration OSHA	NO MSDS' ON FILE FOR HAZARDOUS ITEMS USED IN AREA	obtain	
100	Administration Office Safety Insp 11/13/90	Secure copy machine	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY -----	Yes December 12, 1990

BUILDING: 69

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100	Administration Office Safety Insp 11/13/90	Seismic: copier by door in Rm 100 not secured	secure	
102A	Administration Office Safety Insp 11/13/90	Storage of trash in phone equipment room	clean DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
102A	Administration Office Safety Insp 11/13/90	Housekeeping: Trash in phone Equipment room	clean	
103/104	Administration Office Safety Insp 11/13/90	Install gaskets on doors	install	
103B	Administration Office Safety Insp 11/13/90	Secure file cabinet	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
103B	Administration Office Safety Insp 11/13/90	Seismic: file cabinet next to door not secured	secure	
104	Administration Office Safety Insp 11/13/90	(no description provided)	investigate	
104	Administration Office Safety Insp 11/13/90	Remove stored material from under stairs	remove DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
104	Administration Office Safety Insp 11/13/90	Secure water cooler	secure	
104	Administration Office Safety Insp 11/13/90	(no description provided)	investigate	
104	Administration Office Safety Insp 11/13/90	Sprinklers over windows next to wwy 59 need to be moved down & quick response	Install quick response type sprinklers	
104	Administration Office Safety Insp 11/13/90	Remove stored item from under stairs	remove	
104	Administration Office Safety Insp 11/13/90	Water cooler not secured in exit path	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
104	Administration Office Safety Insp 11/13/90	Sign: post Second exit sign required. Exit to archive not OK. Remove exit sign over door.	post	
107A	Administration Office Safety Insp 11/13/90	Secure book case	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
107A	Administration Office Safety Insp 11/13/90	Bookcase not secured	secure	
201	Administration Office Safety Insp 11/13/90	Secure refrigerator	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
201	Administration Office Safety Insp 11/13/90	Post directional exit sign at south end of room	post DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
201	Administration Office Safety Insp 11/13/90	Secure form storage at north end corridor	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
201	Administration Office Safety Insp 11/13/90	Secure copier in NW corridor	secure	
201	Administration Office Safety Insp 11/13/90	Secure bookcase under Fax machine	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
201	Administration Office Safety Insp 11/13/90	Secure copier in NW corridor	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
201	Administration Office Safety Insp 11/13/90	Refrig not secured opposite Rm 201K	secure	
201	Administration Office Safety Insp 11/13/90	Directional exit sign needed at south end of rm	post	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
201	Administration Office Safety Insp 11/13/90	Form storage not secured north corridor	secure	
201	Administration Office Safety Insp 11/13/90	Seismic: bookcase not secured north west cubicle	secure	
201	Administration Office Safety Insp 11/13/90	Seismic: Copier not secured north west corridor	secure	
201	Administration Office Safety Insp 11/13/90	Seismic: bookcase not secured under FAX machine	secure	
201H	Administration Office Safety Insp 11/13/90	Secure file cabinet	secure DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
201H	Administration Office Safety Insp 11/13/90	Cabinet next to door not secured	secure	
NONE	Administration OSHA	STAIRS LIPS: CHIPPED BY CYLINDER RACK	install	
NONE	Administration OSHA	UNSECURED: SOME RACKS LACK PROVISION FOR 2ND CHAIN	Chains Installed	Yes November 27, 1990 P. Marshall
none	Administration Fire Inspection	Misuse of extension cords	replace/rewire	
none	Administration Office Safety Insp 11/13/90	Trash not in dumpster	clean	Yes December 3, 1990
none	Administration Office Safety Insp 11/13/90	Plastic waste baskets in all the offices	replace	
none	Administration Office Safety Insp 11/13/90	Equipment stored in closet next to 201K require 18" space from sprinkler	remove equip DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Trash not in dumpster	clean DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
None	Administration Office Safety Insp 11/13/90	Provide gasket on door to rooms 104 & 103	install	
None	Administration Office Safety Insp 11/13/90	Plastic trash cans throughout	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Equipment stored within 18" of sprinkler in closet next to 201K	evaluate/relocate	
none	Administration Office Safety Insp 11/13/90	Remove combustibles under stairs	remove	
None	Administration Office Safety Insp 11/13/90	Store: bookshelf under stairs not in accordance to Code outside Rm 100	remove	
None	Administration Office Safety Insp 11/13/90	Sprinkler head needed under stair landing	install	
None	Administration Office Safety Insp 11/13/90	Combustibles stored under stairs	remove	
none	Administration Office Safety Insp 11/13/90	Packing material obstructing stairs	remove materials	
None	Administration Office Safety Insp 11/13/90	Sprinkler heads to close together	relocate heads	
none	Administration Office Safety Insp 11/13/90	Remove articles stored behind work station	remove	
none	Administration Livermore 11/14/90	Lack of Fire Wall - Cylinder Rack	Evaluate	
none	Administration Livermore 11/14/90	Fire Extinguisher missing (Front)	Install F/E Infront	
none	Administration Livermore 11/14/90	Lack of safety Glasses Dispenser	secure/install	
none	Administration Livermore 11/14/90	Sign: Safety Glasses Required	Install sign	
none	Administration Livermore 11/14/90	Sign: English Language Eye Wash sign	Install sign	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Livermore 11/14/90	Sign: Vendor Truck Chocks	Install sign	
none	Administration Livermore 11/14/90	No vendor wheel Chocks	Provide Chocks	
none	Administration Livermore 11/14/90	Need Moveable Barricades in front of 110 Dewars.	Secure barricades	
none	Administration Livermore 11/14/90	Large Fire Extinguisher location floor & F/E training needed	relocate & train	
none	Administration Livermore 11/14/90	Need phone in Drum Rack	Install	
none	Administration Livermore 11/14/90	Need phone in Cylinder Rack	Install	
none	Administration Livermore 11/14/90	Grounding of Cylinder Bldg needs verification	Evaluate	
none	Administration Livermore 11/14/90	Grounding of Barrel Racks need verification	Evaluate	
none	Administration Livermore 11/14/90	Cylinders unclear as to full or empty	evaluate	
none	Administration Livermore 11/14/90	Incompatibility of Stock/ Hazardous Materials	Evaluate	
none	Administration Livermore 11/14/90	Containment Drain Unlabeled	label	
none	Administration Livermore 11/14/90	Spill Kits / Fire Extinguishers at Battery Charger	Evaluate	
none	Administration Livermore 11/14/90	Sprinkler within 18" of light	Evaluate - memo to C&M	
none	Administration Livermore 11/14/90	All Forklifts need fire extinguishers	install	
none	Administration Livermore 11/14/90	All trucks need fire extinguishers	install	
none	Administration Livermore 11/14/90	Some truck Fire Extinguishers are out of date	Duplicate Record APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
none	Administration Livermore 11/14/90	Need Hazardous Placard on Flat Bed Truck	Install	
none	Administration Livermore 11/14/90	Rack in lift gates not secured	secure	
none	Administration Livermore 11/14/90	Complete vehicle inspection required	inspect	
none	Administration Livermore 11/14/90	Flammable material under staircase	Remove	
none	Administration Livermore 11/14/90	Open Breaker Panel & loose cover above on Panel 111A	repair DUPLICATE of LV-BM-158 APPROVED FOR REMOVAL BY _____	Yes December 11, 1990
none	Administration Livermore 11/14/90	Panel Box has exposed wiring	repair DUPLICATE of LV-BM-159 APPROVED FOR REMOVAL BY _____	Yes December 11, 1990
none	Administration Livermore 11/14/90	Access to Storage Cabinet may be impaired	Evaluate	
none	Administration Livermore 11/14/90	Incompatible Chemicals stored inside cabinet	segregate	
none	Administration Livermore 11/14/90	Hose Rack obstruction in Front of Eyewash	clear	
none	Administration Livermore 11/14/90	Covers for Florescent Tubes required	install	
none	Administration Livermore 11/14/90	Broken Electrical Outlet Cover	install	
none	Administration Livermore 11/14/90	Broken Electrical Outlet	repair	
none	Administration Livermore 11/14/90	Thermostat broken	repair	
none	Administration Livermore 11/14/90	Seismic: Fix Shelving not tied down	secure	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Livermore 11/14/90	Substandard Packing Table	Replace	
none	Administration Livermore 11/14/90	Forklift (Big Red) left front tire cut	Repair/Replace	
none	Administration Livermore 11/14/90	Truck/Trailer not chocked	Chock Truck/Trailer	
none	Administration Livermore 11/14/90	Sign: no fire extinguisher sign in truck	Get Sign	
none	Administration Livermore 11/14/90	Hole in floor	Repair	
none	Administration Livermore 11/14/90	No Fire Extinguisher (has bracket)	Install	
none	Administration Livermore 11/14/90	Old tie down	Evaluate	
none	Administration Livermore 11/14/90	Hole in roof	Repair	
none	Administration Livermore 11/14/90	Shelf fallen	secure	
none	Administration Livermore 11/14/90	Pallets stored on side	Store pallets properly	
none	Administration Livermore 11/14/90	Loose flammable cabinet sitting on pallet on dock (unsteady)	secure	
none	Administration Livermore 11/14/90	No tag on fire extinguisher	Get Inspection	
none	Administration Livermore 11/14/90	Truck Not Chocked	Chock Truck	
none	Administration Livermore 11/14/90	Truck Hose on Ground	Store Properly	
none	Administration Livermore 11/14/90	Seat Belts do not work	Repair	
none	Administration Livermore 11/14/90	No Fire Extinguisher	Obtain	
none	Administration Livermore 11/14/90	Lift Gate unsecured	Secure	
none	Administration Livermore 11/14/90	No Placard Holders	Install Placard Holders	
none	Administration Livermore 11/14/90	Material Improperly stored (Boards unsecured)	Secure properly	
none	Administration Livermore 11/14/90	No cover for "Glad Hand"	Install Cover	
none	Administration Livermore 11/14/90	Ladder should not be stored on trailer	Relocate ladder	
none	Administration Livermore 11/14/90	Watch records/driver training & CFR 49 question	Check records Prepare for CFR 49 Questions	
none	Administration Livermore 11/14/90	Hole in Electrical Panel 111A	Class A Secure & Repair -C&M NOTIFIED	
none	Administration Livermore 11/14/90	Open Wiring 135A1A1A-2-4	Class A Secure & Repair -C&M NOTIFIED	
none	Administration Livermore 11/14/90	No 3' Clearance	Maintain 3' Clearance	
none	Administration Livermore 11/14/90	Non-Waber Box	Replace with Waber Box	Yes December 3, 1990
none	Administration Livermore 11/14/90	Duplex Outlet Box - no cover	Secure Cover	Yes December 11, 1990
none	Administration Livermore 11/14/90	Old Telephone Cable	Request removal	
none	Administration Livermore 11/14/90	Missing MSDS for Glene Glass Cleaner #7930-48775	Obtain	
none	Administration Livermore 11/14/90	Asbestos cement Board at Battery Charger??	Evaluate	
none	Administration Livermore 11/14/90	Under stairs - Asbestos Cement Board?	Evaluate - BOARD REMOVED	Yes December 3, 1990

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Room	Division / Appraisal	Description	Corrective Action	Corrected? / Verifier
none	Administration Livermore 11/14/90	Under stairs - Flammable Material stored?	Duplicate Record APPROVED FOR REMOVAL BY _____	Yes December 3, 1990
none	Administration Livermore 11/14/90	Sign: Unclear sign for fire extinguisher	Install Clear Sign	
none	Administration Livermore 11/14/90	Drain _____	Duplicate Record APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
none	Administration Livermore 11/14/90	Sprinklers within 18"	Duplicate Record of LV-BM-118 APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
none	Administration Individual 11/28/90	The ventilation system needs balancing. Some personnel have blocked the air outlets with cardboard due to too much volume of cold air being blown down their necks.	Balance- charge acct 3031-20 - order to C&M 11/28/90	
none	Administration Individual 11/28/90	The system for heating extra hot water for hot drinks mounted on the sink deck needs to have GFI protection. Therefore we need you to install a GFI in the outlet into which it is plugged.	Therefore we need you to install a GFI in the outlet into which it is plugged. - charge acct 3031-20 - order to C&M 11/28/90	
South End Bldg	EPH&S LBL Self Assessment 10/31/90	Compressed Gas Cylinder Storage. Seismic restraint of multiple rows of standing cylinders.	Rearrange cylinders or design and install seismic restraint to PUB-3000.	Hernandez, P.

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none	INSTITUTIONAL Plant Ops-Self 11/30/90	Oil separator needs cover plate.	Install a cover plate.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	EMH 148 drain line needs to be permanently plumbed.	Install permanent drain line.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	LV switchgear needs to be labeled.	Install an Equipment Number Label.	

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	EPH&S Self Assessment 11/9/90	Characterization of contaminated soil reported during the Bldg 7 underground tank closure has not been completed. Cost: MI (Multiple Items)	Develop plan, part of Env Monitoring Facilities Assessment.	R. Pauer
101	Administration OSHA	LIGHTING FIXTURES SOFT WIRED (Institutional Responsibility)	rewire	
101	Administration OSHA	LIGHTING FIXTURES SUSPENDED ON CHAINS (Institutional Responsibility)	rewire	
101	Administration Electrical 3/13/90	Lighting- fixtures soft wired (OSHA 33.15.2)	hard wire	
102B	Administration Office Safety Insp 11/13/90	Plastic waste baskets	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
102B	Administration Office Safety Insp 11/13/90	K.O. seals in handy box over file stor missing	replace	
102B	Administration Office Safety Insp 11/13/90	Plastic waste baskets	replace - corrected	Yes December 11, 1990
102B	Administration Office Safety Insp 11/13/90	K.O. Seals missing in handy box over file storage	install DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
102F	Administration Office Safety Insp 11/13/90	Daisy chain cords	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
102F	Administration Office Safety Insp 11/13/90	Daisy Chain Cords	replace - corrected	Yes December 4, 1990
103B	Administration Office Safety Insp 11/13/90	Screw in PNL cover missing	replace - corrected	Yes December 11, 1990
103B	Administration Office Safety Insp 11/13/90	Screw Missing from PNL cover	install DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
103D	Administration Office Safety Insp 11/13/90	Daisy chain plugs	replace - corrected	Yes December 4, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
103D	Administration Office Safety Insp 11/13/90	Daisy Chain plugs	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
103E	Administration Office Safety Insp 11/13/90	Extension cord under desk too long	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
103E	Administration Office Safety Insp 11/13/90	Extension cord too long under desk	shorten cord	
104	Administration OSHA	OFFICE PARTITION SOFT WIRED OVER 2'-OK? (Institutional Responsibility)	evaluate	
104D	Administration Office Safety Insp 11/13/90	Combustible material stored next to receptacle	relocate DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
104D	Administration Office Safety Insp 11/13/90	Combustibles stored next to receptacle	remove - corrected	Yes December 4, 1990
106	Administration Office Safety Insp 11/13/90	Remove sliding gate from NE stairwell	remove DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
106	Administration Office Safety Insp 11/13/90	Emergency light require hardwiring	wire DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
106	Administration Office Safety Insp 11/13/90	N.E. Stairwell remove sliding gate	remove	
106	Administration Office Safety Insp 11/13/90	Hardwire emergency light	wire - corrected	Yes December 4, 1990
107	Administration Office Safety Insp 11/13/90	(no description provided)	investigate	
107	Administration Office Safety Insp 11/13/90	(no description provided)	investigate	
107	Administration Office Safety Insp 11/13/90	Seismic: secure shelves on right	secure	
107	Administration Office Safety Insp 11/13/90	Provide 1 hr enclosure	provide	
200	Engineering S&H Self Inspection 11/14/90	Exposed bus in panel 8A21A2A		
200A	Engineering LBL '90 Elec. Insp. 3/13/90	Power cord for air conditioner run through wall.	Unplug air conditioner. Arrange for proper wiring. - Reported to Electronics	
201	Engineering S&H Self Inspection 11/14/90	Unsecured shelving	Secure shelving	
202	Engineering S&H Self Inspection 11/14/90	Non-GFI outlet near sink	Replace outlet near sink	
202	Engineering S&H Self Inspection 11/14/90	Exit signs not over doors	Install exit signs	Yes December 3, 1990
202	Engineering S&H Self Inspection 11/14/90	Tall bookcase not secured to wall	Secure bookcase to wall	
204	Engineering S&H Self Inspection 11/14/90	Not an exit	-Signs on order.	
206	Engineering S&H Self Inspection 11/14/90	Unsecured items overhead	Secure items overhead. -Removed and properly secured.	Yes November 28, 1990
209	Engineering S&H Self Inspection 11/14/90	Unsecured oven	Secure oven	
209	Engineering S&H Self Inspection 11/14/90	Unrestrained books in cabinet near door	Restrain books in cabinet near door	
209	Engineering S&H Self Inspection 11/14/90	Fan with exposed AC	Replace fan. -Fan removed from service.	Yes December 3, 1990
209	Engineering S&H Self Inspection 11/14/90	Bookcase next to entry is not tied to the wall	Tie down bookcase next to entry	Yes December 3, 1990
209	Engineering S&H Self Inspection 11/14/90	No exit sign over door in west, north or south walls	Install exit signs. -Signs on order.	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
209	Engineering Environmental Self Inspection 11/14/90	Refrigerator unlabeled	Label refrigerator for correct usage	
209A	Engineering SAH Self Inspection 11/14/90	Air line damaged	Fix air line	
209A	Engineering SAH Self Inspection 11/14/90	High shelf with no toe board	Put toe board on shelf	
209A	Engineering SAH Self Inspection 11/14/90	3' required in front of elect. panel		
209A	Engineering SAH Self Inspection 11/14/90	Unguarded low fluorescent fixtures	Guard low fluorescent fixtures	
209A	Engineering SAH Self Inspection 11/14/90	Exit and "no exit" signs required	Install exit and "no exit" signs. -Signs on order	
209A	Engineering SAH Self Inspection 11/14/90	Fluorescent light in center of room has broken receptacle exposing high voltage terminal	Replace broken receptacle on fluorescent light. -Lamp removed from service.	Yes November 16, 1990
210	Engineering SAH Self Inspection 11/14/90	Unmarked water line	Mark water line. -Red tape installed.	
210	Engineering SAH Self Inspection 11/14/90	Sprinkler system needs red	Put red on sprinkler system	
210	Engineering SAH Self Inspection 11/14/90	Gas flue? Double-walled? Need label		
210	Engineering SAH Self Inspection 11/14/90	Unprotected lead brick on floor near west wall	Protect lead brick. -Wrapped with tape per EH&S, Al Bucher	Yes December 13, 1990
211	Engineering SAH Self Inspection 11/14/90	Flammables on shelves	Remove flammables from shelves	Yes November 16, 1990
211	Engineering SAH Self Inspection 11/14/90	Flammables in lockers	Remove flammables from lockers. -Flammables now in solvent locker	Yes December 3, 1990
211	Engineering SAH Self Inspection 11/14/90	Unguarded low fluorescent fixtures	Guard fluorescent fixtures. -Lamp raised	Yes December 19, 1990
211	Engineering SAH Self Inspection 11/14/90	Uncaged low sprinklers	Cage low sprinklers	
211	Engineering SAH Self Inspection 11/14/90	Fan guard	Get fan guard. -Fan sent to salvage.	Yes December 19, 1990
211	Engineering SAH Self Inspection 11/14/90	Tie down NMR on top of rack	-NMR placed on shelf	Yes December 19, 1990
211	Engineering SAH Self Inspection 11/14/90	EQ rack		
211	Engineering SAH Self Inspection 11/14/90	Fluorescent bolted to ceiling plugged in		
211	Engineering SAH Self Inspection 11/14/90	PCB Cap	-Same as ID code: 7.11/14.1.4.R	Yes November 14, 1990
211	Engineering SAH Self Inspection 11/14/90	5 cap - no wire	-Removed	Yes November 14, 1990
211	Engineering SAH Self Inspection 11/14/90	Unlabeled container	Label container. -Removed or correctly labeled.	Yes December 18, 1990
211	Engineering SAH Self Inspection 11/14/90	No mousing clamp on hoist hook	Install mousing clamp on hoist hook. -C&M installed via Mich Mikula	Yes December 21, 1990
211	Engineering SAH Self Inspection 11/14/90	Class A combustibles stored in middle of room	Remove class A combustibles stored in middle of room. -Not a problem per LBL Fire Dept. But will store books.	
211	Engineering SAH Self Inspection 11/14/90	Unprotected lead brick laying on table	Remove unprotected lead brick from table. -Wrapped with tape for EH&S/Al Bucher.	Yes December 13, 1990
211	Engineering SAH Self Inspection 11/14/90	Heavy objects stored on top of cabinets against west wall not quake protected	Quake protect heavy objects stored on top of cabinets against west wall	
211	Engineering SAH Self Inspection 11/14/90	Gas heater shutoff valve not color coded	Color code shutoff valve on gas heater	
211	Engineering SAH Self Inspection 11/14/90	Many cardboard boxes & paper stored on and under benches in N.E. corner	Remove cardboard boxes and paper from under benches in N.E. corner	Yes December 19, 1990
211	Engineering SAH Self Inspection 11/14/90	Large fan plugged into outlet in east wall has defective cord cap & insulation torn open	Replace defective cord on fan and repair insulation. -Fan sent to salvage.	Yes December 19, 1990
211	Engineering SAH Self Inspection 11/14/90	Door in north end of room has not exit label	Label door in north end with exit label. -Sign installed.	Yes December 3, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
211	Engineering LBL '90 Elec. Insp. 3/13/90	Lighting not to code	Determine deficiency and request repair or Non Capital Alterations project. - Reported to Electronics	
211	Engineering LBL '90 Elec. Insp. 3/13/90	Missing plate on electrical box.	Replace plate on electrical box.	Yes November 27, 1990 Mike Bell
211	Engineering Environmental Self Inspection 11/14/90	Aerosol cans stored on shelf	Place aerosol cans in proper storage -Cans put in solvent locker	Yes December 3, 1990
211	Engineering Environmental Self Inspection 11/14/90	Unlabeled containers	Label all containers -Removed or labeled correctly	Yes December 3, 1990
211	Engineering Environmental Self Inspection 11/14/90	PCB capacitors (Pyranol) have no secondary containment	Provide secondary containment for PCB capacitors -Removed to 214 for disposal	Yes November 14, 1990
214	Engineering S&H Self Inspection 11/14/90	Fan not protected	Protect fan	Yes December 3, 1990
214	Engineering S&H Self Inspection 11/14/90	Extension cord permanently mounted	Unmount extension cord	Yes December 3, 1990
214	Engineering S&H Self Inspection 11/14/90	J Box		Yes December 3, 1990
214	Engineering S&H Self Inspection 11/14/90	No stops on drawers-fuse cabinets	Put stops on drawers & fuse cabinets	
214	Engineering S&H Self Inspection 11/14/90	Unsecured tall cabinets	Secure tall cabinets	
214	Engineering S&H Self Inspection 11/14/90	Large quantity of flammables stored in middle of floor waiting for disposal	Dispose of flammables in middle of floor. -Moved to hazardous mats cabinet.	Yes December 3, 1990
214	Engineering S&H Self Inspection 11/14/90	Panel schedule	Get panel schedule	
214	Engineering LBL '90 Elec. Insp. 3/13/90	Store room lighting not to code.	Determine deficiency and request repair or Non Capital Alterations project. - Reported to Electronics	
214	Engineering LBL '90 Elec. Insp. 3/13/90	Missing plate cover on electrical box.	Replace plate cover on electrical box.	Yes November 27, 1990 Mike Bell
214A	Engineering S&H Self Inspection 11/14/90	Fluorescent lights uner 8' not guarded	Guard fluorescent lights uner 8'	
214A	Engineering S&H Self Inspection 11/14/90	No toeboards on heavy storage	Put toeboards on heavy storage	
214A	Engineering S&H Self Inspection 11/14/90	Flammables in office supply cabinet	Remove flammables from office supply cabinet. -Removed	No February 14, 1991
214A	Engineering S&H Self Inspection 11/14/90	Sprinkler piping needs red	Put red on sprinkler piping	
214A	Engineering S&H Self Inspection 11/14/90	Panel schedule	Get panel schedule	
214A	Engineering S&H Self Inspection 11/14/90	Fluorescent lights have extension cord feeder	Remove extension cord from fluorescent lights	Yes December 3, 1990
214A	Engineering S&H Self Inspection 11/14/90	Gas valve to heater in N.W. corner not color coded.	Color code gas valve on heater in N.W. corner	
214B	Engineering S&H Self Inspection 11/14/90	Unprotected vacuum bottle	Protect vacuum bottle	Yes December 3, 1990
214B	Engineering S&H Self Inspection 11/14/90	Refrigerator/freezer is not labeled for containing food items	Label refrigerator for containing food items	
214B	Engineering S&H Self Inspection 11/14/90	Suspended ceiling panel missing	Replace suspended ceiling panel	
214C	Engineering S&H Self Inspection 11/14/90	Fluorescent lights connected with extension cords	Remove extension cords from fluorescent lights	Yes December 3, 1990
214C	Engineering S&H Self Inspection 11/14/90	Fluorescent lights not protected	Install protection on fluorescent lights	
214C	Engineering S&H Self Inspection 11/14/90	Fluorescent light cords with metal cord caps	Replace cords	
214C	Engineering S&H Self Inspection 11/14/90	Faucet has no vacuum breaker for use with hose to wash down equipment	Install vacuum breaker on faucet	
215	Engineering S&H Self Inspection 11/14/90	MSDS for janitor closet	Get MSDS for janitor closet	No December 3, 1991

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
218	Engineering S&H Self Inspection 11/14/90	Unsecured file cabinets near exit	Secure cabinets near exit	
218	Engineering S&H Self Inspection 11/14/90	Fluorescent lights under 8' not guarded	Guard fluorescent lights under 8'	
218	Engineering S&H Self Inspection 11/14/90	Fluorescent lights don't have proper chain	Put proper chain on fluorescent lights	
220	Engineering S&H Self Inspection 11/14/90	Lights not protected and below 8 ft.	Get protection for lights below 8ft.	
220	Engineering S&H Self Inspection 11/14/90	Sprinkler piping needs red	Put red on sprinkler piping	
220	Engineering S&H Self Inspection 11/14/90	Non-GFI outlet near sink	Replace outlet. -Date will depend on work load	
220	Engineering S&H Self Inspection 11/14/90	Some flammables in lockers	Remove flammables from lockers	Yes December 3, 1990
220	Engineering S&H Self Inspection 11/14/90	Plug with disc. wide-non dead front		Yes December 3, 1990
220	Engineering S&H Self Inspection 11/14/90	Panels-21A-20A-10A no sticker clearance	Get sticker clearance for Panels-21A-20A-10A. -Sticker on order.	
220	Engineering S&H Self Inspection 11/14/90	Panels-21A-20A-10A no sticker clearance	Get sticker clearance for Panels-21A-20A-10A. -Sticker on order.	
220	Engineering S&H Self Inspection 11/14/90	Fluorescent lights obstruct sprinkler system		
220	Engineering S&H Self Inspection 11/14/90	Bench #2 has power cord that has been spliced, plugged into power strip under window.	Replace power cord	Yes December 3, 1990
220	Engineering S&H Self Inspection 11/14/90	High Voltage terminals on fluorescent light exposed due to broken lamp receptacle over bench #3	Replace broken lamp. -Lamp removed from service.	Yes November 15, 1990
220	Engineering S&H Self Inspection 11/14/90	Unprotected lead brick on floor in front of storage cabinets	Protect lead brick	Yes December 3, 1990
220	Engineering S&H Self Inspection 11/14/90	Inadequate clearance between storage cabinets(18")	Increase clearance between storage cabinets	
220	Engineering LBL '90 Elec. Insp. 3/13/90	Ground hook wire spliced, no strain release on cable.	Replace ground hook wire and provide strain release.	Yes November 27, 1990 Mike Bell
220	Engineering Environmental Self Inspection 11/14/90	Tank of 50% ethylene glycol is not labeled	Label ethylene glycol tank	Yes December 17, 1990
220	Engineering Environmental Self Inspection 11/14/90	Tank of 50% ethylene glycol is not labeled	Label ethylene glycol tank	Yes December 17, 1990
220A	Engineering S&H Self Inspection 11/14/90	Thermostat missing cover	Put cover on thermostat	Yes December 3, 1990
220A	Engineering S&H Self Inspection 11/14/90	Unrestrained equipment could block only exit in earthquake	Restrained equipment that could block only exit in earthquake	Yes December 3, 1990
220A	Engineering S&H Self Inspection 11/14/90	Ceiling plug		
220A	Engineering S&H Self Inspection 11/14/90	Aluminum ladder		Yes November 14, 1990
220A	Engineering S&H Self Inspection 11/14/90	Old waber box	Replace waber box. -Removed.	Yes November 15, 1990
220A	Engineering S&H Self Inspection 11/14/90	Oil tanks need to be labeled	Label oil tanks	Yes December 3, 1990
220A	Engineering S&H Self Inspection 11/14/90	Storage batteries not in any tray or tied down under bench near east wall	Store batteries in a tray or tie down. -Sealed lead acid batteries don't require containment.	
220A	Engineering S&H Self Inspection 11/14/90	Only 23 1/2" clearance between benches & wall near east wall		Yes December 3, 1990
220A	Engineering S&H Self Inspection 11/14/90	2 (4X4) outlets under bench powered by #16AWG cord fed from CB8C.		Yes December 3, 1990
220A	Engineering LBL '90 Elec. Insp. 3/13/90	Old style (gray) extension cord/box.	Replace extension cord/box. -Removed 11/27/90	Yes November 27, 1990 Mike Bell
220A	Engineering Environmental Self Inspection 11/14/90	Mineral oil not labeled	Label mineral oil	Yes December 3, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
221	Engineering S&H Self Inspection 11/14/90	No cover for belts for drill	Put cover on belts for drill	
221	Engineering S&H Self Inspection 11/14/90	Need guard for foot pedal	Get guard for foot pedal	
221	Engineering S&H Self Inspection 11/14/90	Outlets near sink must have GFI	Put GFI on outlets near sink	
221	Engineering S&H Self Inspection 11/14/90	Need machine tool guards	Put guards on machine tools	
221	Engineering S&H Self Inspection 11/14/90	Fan blade guard incomplete	Replace fan guard	
221	Engineering S&H Self Inspection 11/14/90	Cord thru wall		
221	Engineering S&H Self Inspection 11/14/90	Plug guard	Get plug guard	
221	Engineering S&H Self Inspection 11/14/90	Eye flush has not protective cover	Put protective cover on eye flush	
221	Engineering S&H Self Inspection 11/14/90	Protective covers needed for fluorescent lights	Put protective covers on fluorescent lights	
221	Engineering S&H Self Inspection 11/14/90	No fire extinguisher in the area	Install fire extinguisher. -Not required per LBL Fire Dept.	
221	Engineering Environmental Self Inspection 11/14/90	Flammables locker not grounded, no secondary containers	Ground flammables locker and provide secondary containers	Yes December 3, 1990
221A	Engineering S&H Self Inspection 11/14/90	Air hose in non reg support	Support air hose according to regulation	
221A	Engineering S&H Self Inspection 11/14/90	Lamps missing from sockets in hood	Replace sockets in hood. -Lamps replaced.	
221A	Engineering S&H Self Inspection 11/14/90	No cage on sprinkler in hood	Put cage on sprinkler in hood	
221A	Engineering S&H Self Inspection 11/14/90	Material safety data sheets	Get MSDS's	Yes December 3, 1990
221A	Engineering S&H Self Inspection 11/14/90	Protective covers needed for fluorescent lights	Put protective covers on fluorescent lights	
222	Engineering S&H Self Inspection 11/14/90	Need exit sign over door	Install exit sign in door	
222	Engineering S&H Self Inspection 11/14/90	Unrestrained wheeled heavy objects	Restrain wheeled heavy objects	
222	Engineering S&H Self Inspection 11/14/90	Fan cord spliced not box	Replace fan cord	
222	Engineering S&H Self Inspection 11/14/90	Cord caps on fixtures		
222	Engineering S&H Self Inspection 11/14/90	Cord caps again on cord rack		Yes December 17, 1990
222	Engineering S&H Self Inspection 11/14/90	Valve to gas heater not color coded	Color code valve on gas heater	
222	Engineering S&H Self Inspection 11/14/90	No fire extinguisher in the area	Install fire extinguisher. -Not required per LBL Fire Dept.	
222	Engineering LBL '90 Elec. Insp. 3/13/90	No ground bus for equipment.	To be determined. - Reported - Not required	
222A	Engineering S&H Self Inspection 11/14/90	Heater tape with split plug		Yes December 3, 1990
222A	Engineering S&H Self Inspection 11/14/90	Cord caps multiple		
222A	Engineering S&H Self Inspection 11/14/90	Panel missing in rack	Replace missing panel in rack	
222A	Engineering S&H Self Inspection 11/14/90	Red lamp wiring		
222A	Engineering S&H Self Inspection 11/14/90	Lamp fixture on bench	Remove lamp fixture from bench	
222A	Engineering S&H Self Inspection 11/14/90	Need protective covers on fluorescent lights	Install protective covers on fluorescent lights	
All	Engineering S&H Self Inspection 11/14/90	Chains on fluorescent fixtures not welded-link	Weld-link chains on fluorescent fixtures	
All	Engineering S&H Self Inspection 11/14/90	Metal & non-deadfront caps	Remove caps	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
All	Engineering S&H Self Inspection 11/14/90	Glazing in doors not safety glass	Put safety glass in doors	
All	Engineering S&H Self Inspection 11/14/90	Non-double insulated hand tools not inspected.	Inspect non-double insulated hand tools. -Tools discarded	No November 15, 1991
Ext.	Engineering S&H Self Inspection 11/14/90	H2O heater shutoff valve not highlighted	Highlight shutoff valve on H2O heater. -work order open with J. Martin	
Hall	Engineering S&H Self Inspection 11/14/90	J Box Cab 1		Yes November 15, 1990
NONE	Administration OSHA	ELEVATIONS IN OUTSIDE WALKWAY NOT STRIPPED	strip	
none	Administration Office Safety Insp 11/13/90	Remove wooden pallets	remove DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Remove storage refrigerator at N. end of bldg.	remove	
none	Administration Office Safety Insp 11/13/90	Film storage bldg in violation	evaluate DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Questionable need for firewall between the office & storage area.	evaluate	
none	Administration Office Safety Insp 11/13/90	Power for partitions is by extension cords	rewire Duplicate OA 33.0.1	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Main exit require 3 ft min width	replace	
none	Administration Office Safety Insp 11/13/90	Remove wooden pallets	removed-	Yes December 4, 1990
none	Administration Office Safety Insp 11/13/90	Main exit required min 3' width	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Storage refrigs northend of bldg need to be removed	remove DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Film storage bldg too close to B7	evaluate/move	
none	Administration Office Safety Insp 11/13/90	Questionable need for firewall between offices and storage area	evaluate DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Partitions powered by Extension Cords	rewire DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
OS	Administration OSHA	GAS PIPE BUMPER GUARD REQUIRED (OUTSIDE)	install	
OS	Administration OSHA	HOLES IN CONCRETE (OUTSIDE)	repair	
Second Floor	ENGINEERING OSHA SELF 06/15/90		Do you have an active safety and health program in operation? OSHA Checklist #1.1	Yes November 27, 1990
Second Floor	ENGINEERING OSHA SELF 06/15/90		Are emergency telephone numbers posted where they can be readily found in case of emergency? OSHA Checklist #2.2	Yes October 15, 1990
Second Floor	ENGINEERING OSHA SELF 06/15/90	Are signs concerning "Exiting from buildings", room capacities, floor loading, exposure to X-ray, microwave, or other harmful radiation or substances posted where appropriate? OSHA Checklist #2.4	Reported to C&M 10/15/90	
Second Floor	ENGINEERING OSHA SELF 06/15/90		Are there no heavy objects above 5 feet unless secured? OSHA Checklist #3.2	
Second Floor	ENGINEERING OSHA SELF 06/15/90		Are there no trip hazards? OSHA Checklist #13.4	
Second Floor	ENGINEERING OSHA SELF 06/15/90	Is the "Evacuation Assembly Area" map in place for the building? OSHA Checklist #4.1	Reported 11/27/90 - Map to be updated	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Second Floor	ENGINEERING OSHA SELF 06/15/90		Are all work sites clean and orderly? OSHA Checklist #8.1	Yes November 27, 1990
Second Floor	ENGINEERING OSHA SELF 06/15/90	Where doors, stairs or stairways exit directly into an area where vehicles may be operated, are adequate barriers and warnings provided to prevent employees stepping into the path of traffic? OSHA Checklist #11.2	Reported 12/14/90	
Second Floor	ENGINEERING OSHA SELF 06/15/90	Is there a Material Safety Data Sheet readily available for each hazardous substance used? OSHA Checklist #34.4		Yes November 27, 1990

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none	Administration Office Safety Insp 11/13/90	(no description provided)	investigate	

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	Engineering S&H Self Inspection 11/13/90	Label pipe		
108	ESD OSHA 11/12/90	no list of hazardous substances		
108	ESD Fire 7/23/90	secure cylinders with chains or other approved devices.		
108	ESD Fire 7/23/90	maintain 24" work aisle		
108	ESD Fire 7/23/90	secure unstable equipment to building structure		
108	ESD Fire 7/23/90	maintain flammable gas cylinder (in build) at least 25 ft from ignition source/elect. equip.		
108	ESD OSHA 11/12/90	some extension cords are trip hazards		
108	ESD OSHA 11/12/90	some cords in bad shape		
108	ESD OSHA 11/12/90	loose cable on cable tray		
108	ESD OSHA 11/12/90	extension cords used for some equipment		
108	ESD OSHA 11/12/90	ladder for calorimeter near cables		
108	ESD OSHA 11/12/90	old equipment should be sent to salvage		
108	ESD OSHA 11/12/90	bolt cabinets		
108	ESD OSHA 11/12/90	heavy objects on calorimeter walkway		
108	ESD OSHA 11/12/90	waste containers not covered		
108	ESD OSHA 11/12/90	no receptacle for broken glass		
108	ESD OSHA 11/12/90	sinks & water outlets not labeled		
108	ESD OSHA 11/12/90	no list of emergency phone numbers		
108	ESD OSHA 11/12/90	sprinkler heads not protected		
108	ESD OSHA 11/12/90	exits not illuminated		
108	ESD OSHA 11/12/90	emergency exit partly obstructed		
109A	Nuclear Science Electrical 10/25/90	Calculator cable fed through ceiling panel.	C&M electrician will remove by end of month.	
111A	Nuclear Science Electrical 10/25/90	Multiple extension cord	All removed	
111C	Nuclear Science Electrical 10/25/90	Cables hanging from ceiling	C&M electricians will remove or end in boxes	
111D	Nuclear Science Electrical 10/25/90	Bookcases need securing	Has been done	
111E	Nuclear Science Electrical 10/25/90	Telephone cable thru wall without bushing	C&M electrician says it is not a violation	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
112	Applied Science Pre-Tiger Self-Assessment	bookcases & filing cabinets not secured		Cairns, E.J.
114	Applied Science Pre-Tiger Self-Assessment	need proper sign for laser, UV source		Cairns, E.J.
114	ESD OSHA 11/8/90	no building "exit" sign		
114	ESD OSHA 11/8/90	need fire extinguisher		
114,220 226,249	Applied Science Pre-Tiger, EC Self-Assessment 11/21/90	recordkeeping of Safety/Hazardous Training		Cairns, E.J.
114,220 226,249	Applied Science Pre-Tiger, EC Self-Assessment 11/21/90	recordkeeping of Safety/Hazardous Training		Cairns, E.J.
114,220 226,249	Applied Science Pre-Tiger, EC Self-Assessment 11/21/90	recordkeeping of Safety/Hazardous Training		Cairns, E.J.
114A	ESD OSHA 6/21/90	Electrical strip hazard	remove strip	
116	ESD OSHA 6/21/90	store material properly (material off floors and cabinets)		
116	ESD OSHA 6/21/90	secure gas cylinders		
116	ESD OSHA 6/21/90	exit sign over actual exits		
116	ESD OSHA 6/21/90	"not an exit" sign over doors which are not exits		
116	ESD OSHA 11/12/90	location of MSDSs not posted		
116	ESD OSHA 11/12/90	sprinkler heads in hood need protection		
116	ESD OSHA 11/12/90	no fire extinguisher		
116	ESD OSHA 11/12/90	need cover for spent soil sample container		
116	ESD OSHA 11/12/90	electrical hazards exist		
116	ESD OSHA 11/12/90	not all stored substances identified		
116	ESD OSHA 11/12/90	1 water outlet not identified		
116	ESD OSHA 11/12/90	flammable solution in hood		
116	ESD OSHA 11/12/90	properly store equipment now on floor		
116	ESD annual bldg appraisal 10/25/90	correct poor housekeeping		
116	ESD annual bldg appraisal 10/25/90	properly label liquid containers		
116	ESD annual bldg appraisal 10/25/90	remove class "A" combustibles under benches		
116	ESD annual bldg appraisal 10/25/90	remove defective electrical cord, exposed wire		
120	Nuclear Science Safety/Environment 11/11/90	Split AC to heating tapes		
120	Nuclear Science Safety/Environment 11/11/90	drift chambers HV connectors exposed		
120	Nuclear Science Safety/Environment 11/11/90	Label Gas in and out valves		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Wrap lead bricks		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	No oil tray under pump		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Earthquake, Bolt down all Racks		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Bolt top to bottom rack		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Secure Internal detector to monitor		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Label Components containing TMAE		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Secure stoppers on exaust line		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Oil tray for pump		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Earthquake all cabinets		
120	Nuclear Science Safety/Envtronmen 11-11-90 t	Remove objects on/in cable trays also unused cables		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Proper Storage for radioactive sources, HL3069		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Storage of small gas cylinder		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Post operating procedures		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Remove unused and exposed phone wires		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Secure Monochromators 2 ea.		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Store 207Bi Source		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Check clearance in front of box		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Put cables in cable tray		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Flammable liquids in red cabinet		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Earthquake glovebox		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Implosion hazard on glove box purge port		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Operating procedure for TMAE purification		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Dispose of old unused chemicals		
120	Nuclear Science Safety/Envtronmen 11/11/90 t	Earthquake cabinet doors		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
120	Nuclear Science Safety/Environment 11/11/90	List of content for organic waste bottle		
120	Nuclear Science Safety/Environment 11/11/90	Glove box fire extinguisher		
120	Nuclear Science Safety/Environment 11/11/90	Disposal stickers for sink		
120	Nuclear Science Safety/Environment 11/11/90	Flammable gas stickers for entrance and emergency contact person		
120	Nuclear Science Safety/Environment 11/11/90	Clearance in front of breaker box		
120	Nuclear Science Safety/Environment 11/11/90	Bus clearance in back of rack		
120	Nuclear Science Safety/Environment 11/11/90	Uncovered lead		
120	Nuclear Science Safety/Environment 11/11/90	Install Grid under Light fixture		
120	Nuclear Science Safety/Environment 11/11/90	Vacuum failure alarm on gas exhaust system		
121	Applied Science Pre-Tiger Self-Assessment 11/20/90	(no significant concerns/violations noted)		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment 11/9/90	Extension cord instead of an electrical outlet for a GC-MS		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	some start-up & shut-down procedures documentation might be useful		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	no documentation on training		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	needs docum. & has to workout procedures in detail for electrical & chemical apparatus/experiment/reaction		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	emergency route must be signed better & people in this building must be informed of this route (their spec. route)		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	better record-keeping needed		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	no sink label		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	flammables under wooden table		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	emergency speaker does not work		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	frayed cord for office		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	tray for vacuum pump under hood		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	cable creates trip hazard		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	need labeling on low conductivity water		Cairns, E.J.
123	Applied Science Pre-Tiger Self-Assessment	need more protective clothing, gloves, etc.		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
126	Applied Science Pre-Tiger Self-Assessment 11/9/90	proper lighting must be installed		Cairns, E.J.
126	Applied Science Pre-Tiger Self-Assessment 11/9/90	bookshelf chains to be installed		Cairns, E.J.
126	Applied Science Pre-Tiger Self-Assessment 11/9/90	eliminated "Daisy" chain elec. cords		Cairns, E.J.
126	Applied Science Pre-Tiger Self-Assessment	no sprinkler head		Cairns, E.J.
127	Engineering LBL '90 Elec. Insp. 12/1/89	Permanent plug mold fed with Tyrex.	Remove plug mold or feed properly with conduit.	B. Loo
127	Engineering LBL '90 Elec. Insp. 12/1/89	Plug mold strip laying in cable tray.	Remove plug mold strip from cable tray.	B. Loo
127	Engineering LBL '90 Elec. Insp. 12/1/89	Extension cord laying over fluorescent light fixture.	Remove extension cord from fluorescent light fixture.	B. Loo
127	Engineering LBL '90 Elec. Insp. 12/1/89	Cabinet not secured for earthquake protection.	Secure cabinet for earthquake protection.	B. Loo
127	Engineering LBL '90 Elec. Insp. 12/1/89	Room requires housekeeping.	Clean room.	B. Loo
127	Engineering S&H Self Inspection 11/13/90	Repair ceiling tile		
127	Engineering S&H Self Inspection 11/13/90	Remove plug strip		
127	Engineering S&H Self Inspection 11/13/90	Remove lead brick		
127	Engineering S&H Self Inspection 11/13/90	Remove or haul wide plug strip		
127	Engineering S&H Self Inspection 11/13/90	Remove bench extension cord		
127	Engineering S&H Self Inspection 11/13/90	Remove cords from cable tray		
127	Engineering S&H Self Inspection 11/13/90	Cord thru wall on right		
127	Engineering S&H Self Inspection 11/13/90	Wall pent. needs sealing (conduit)		
127	Engineering S&H Self Inspection 11/13/90	Label pipes		
127	Engineering S&H Self Inspection 11/13/90	Up-to-date schedule 30B-4-A		
127	Engineering S&H Self Inspection 11/13/90	Secure cabinets		
127	Engineering S&H Self Inspection 11/13/90	No GFCI @ sink	Install GFCI @ sink	
127	Engineering S&H Self Inspection 11/13/90	Siphon hose in sink	Remove siphon hose from sink	
127	Engineering S&H Self Inspection 11/13/90	Cabinet not secured	Secure cabinet	
127	Engineering S&H Self Inspection 11/13/90	Improper storage of hazardous materials in cabinet, Tag #000096		
127	Engineering S&H Self Inspection 11/13/90	Class "A" material under bench	Remove class "A" material from under bench	
127	Engineering S&H Self Inspection 11/13/90	Metal back plug near microscope	Remove metal back plug near microscope	
127	Engineering S&H Self Inspection 11/13/90	File cabinet not secured	Secure file cabinet	
127	Engineering S&H Self Inspection 11/13/90	Restricted access to desk		
127	Engineering S&H Self Inspection 11/13/90	Electrical outlets not labeled	Label electrical outlets	
127	Engineering S&H Self Inspection 11/13/90	Wood storage under bench	Remove wood from under bench	
127	Engineering S&H Self Inspection 11/13/90	Electrical strip under cabinet need hardwiring		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
127	Engineering SAH Self Inspection 11/13/90	No warning sticker at sink	Install warning sticker at sink	
127	Engineering SAH Self Inspection 11/13/90	No safety program in effect		
127	Engineering SAH Self Inspection 11/13/90	No MSDS	Obtain necessary MSDSD	
127	Engineering SAH Self Inspection 11/13/90	Air press too high	Lower air press	
127	Engineering SAH Self Inspection 11/13/90	Illegal air valve	Replace air valve	
127	Engineering SAH Self Inspection 11/13/90	Radiation hazard on bench (no shielding)		
127	Engineering SAH Self Inspection 11/13/90	Door interlock not hardwired	Get door interlock hardwired	
127	Engineering SAH Self Inspection 11/13/90	Lead bricks on floor		
127	Engineering SAH Self Inspection 11/13/90	Vented enclosure not hooked to vent		
127	Engineering SAH Self Inspection 11/13/90	Electronic rack not secured	Secure electronic rack	
127	Engineering SAH Self Inspection 11/13/90	Illegal waber strips	Replace waber strips	
127	Engineering SAH Self Inspection 11/13/90	Ceiling panel needs replacing & water stains in ceiling	Replace ceiling panel and fix water stains	
127	Engineering SAH Self Inspection 11/13/90	Center wall cabinet doors removed- Needs shelf lips.		
127	Engineering Environmental Self Inspection 11/13/90	No flammables cabinet	Install flammables cabinet	
127	Engineering Environmental Self Inspection 11/13/90	Flammables stored without flammables cabinet	Install flammables cabinet for flammables	
127	Engineering Environmental Self Inspection 11/13/90	Mercury (liquid) without hazardous label	Properly label mercury (liquid)	
127	Engineering Environmental Self Inspection 11/13/90	Radioactive material in eating area	Remove radioactive material from eating area	
127	Engineering Environmental Self Inspection 11/13/90	No sink label	Properly label sink for correct usage	
127	Engineering Environmental Self Inspection 11/13/90	Hood without exhaust	Have exhaust vent installed in hood	
127	Engineering SAH Self Inspection 11/9/90	Haz./flam.storage cabinet not labeled, belted, or proper cabinet-small amts. Haz./flam. mat'ls-acetone, alcohols, bottle of liquid mercury.	Label and belt cabinet or get proper cabinet-remove haz. materials.	
127	Engineering SAH Self Inspection 11/9/90	8 lead bricks	Remove lead bricks	
127	Engineering SAH Self Inspection 11/9/90	No dumping hazard sign over sink	Install sign over sink	
127	Engineering SAH Self Inspection 11/9/90	Open shelves storing heavy equipment	Remove heavy equipment from shelves or secure it	
127-127A	Engineering SAH Self Inspection 11/13/90	No lips on shelves	Install lips on shelves	
127A	Engineering LBL '90 Elec. Insp. 12/1/89	Communications cord fed through wall.	Route communications cord properly.	B. Loo
127A	Engineering LBL '90 Elec. Insp. 12/1/89	Multiple extension cords into obsolete Waber strip.	Clean up wiring, and replace obsolete waber strip.	B. Loo
127A	Engineering LBL '90 Elec. Insp. 12/1/89	File cabinets require earthquake tiedown.	Secure file cabinets.	B. Loo
127A	Engineering SAH Self Inspection 11/13/90	Put lips on shelves		
127A	Engineering SAH Self Inspection 11/13/90	Secure lamp cable		
127A	Engineering SAH Self Inspection 11/13/90	Secure cabinets by door		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
127A	Engineering S&H Self Inspection 11/13/90	General clean-up		
127A	Engineering S&H Self Inspection 11/13/90	Label plug		
127A	Engineering S&H Self Inspection 11/13/90	Lead brick on floor		
127A	Engineering S&H Self Inspection 11/13/90	File cabinets not secured	Secure file cabinets	
127A	Engineering S&H Self Inspection 11/13/90	Laser interlock inop.		
128	Applied Science Pre-Tiger Self-Assessment	storage of unused equipment		Cairns, E.J.
128	Applied Science Pre-Tiger Self-Assessment	need another fluorescent bulb		Cairns, E.J.
128	Applied Science Pre-Tiger Self-Assessment	should paint bookcase		Cairns, E.J.
128	Nuclear Science Safety/Environment 8/14/90	No GFI circuits near sink		
128	Nuclear Science Safety/Environment 8/14/90	No first aid kits		
128	Nuclear Science Safety/Environment 8/14/90	Work area's ventilation system not appropriate for the work being performed		
128	Nuclear Science Safety/Environment 8/14/90	No eye wash station nearby		
128	Nuclear Science Safety/Environment 8/14/90	No exhaust stacks and air intakes are located so that contaminated air will not be recirculated within a building or other enclosed area.		
128	Nuclear Science Safety/Environment 8/14/90	Grinder saws, and other machines that produce dust are not vented to an industrial collector or central exhaust system		
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	floor tiles missing		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	no latch on door		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	lab apron for cleaning spills		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	UV light (Dr. Packer's) not shielded		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	several outlets located near sink		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	computer outlet needs to be hardwired		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment 11/9/90	flammables cabinet has been ordered		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment	no emergency broadcast speaker in this lab		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment	tray needed for vacuum pump		Cairns, E.J.
129	Applied Science Pre-Tiger Self-Assessment	need clarification from PI on list of qualified workers		Cairns, E.J.
130	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-44.	Provide start-up and operating instructions.	
130	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-44 emergency light not working.	Check and correct.	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
131	Nuclear Science Electrical 5/30/90	From the wall plug to an extension plug to another plastic multi-adaptor plug and then on the other loads	Rearranged all cords, so the main extension cord goes directly to a wall outlet.	
131	Nuclear Science Safety/Environment 10-3-90	D-1 Compressed gas	Remove unsecured cylinders	
131	Nuclear Science Safety/Environment 10-1-90	E-1 Secure unstable fm.	Equipment rack removed	
131	Nuclear Science Safety/Environment 11-21-90	This room needs extensive cleanup before further inspection		
131	Nuclear Science Safety/Environment 11-21-90	This room needs extensive cleanup before further inspection		
131A	Nuclear Science Electrical May 30, 1990	From the wall plug to an extension plug to another plastic Multi-Adaptor plug and then on to other loads	Rearranged all cords, so the main extension cord goes directly to a wall outlet	
131A	Nuclear Science Safety/Environment 10-3-90	D-1 compressed gas	Remove unsecured cylinder	
131A	Nuclear Science Safety/Environment 10-3-90	E-1 Earthquake furniture	Secure or remove shelves w/ EH&S Clean off tops of boxes	
131A	Nuclear Science Safety/Environment 10-1-90	F-1 extension cords	Multiple outlet boxes removed	
131A	Nuclear Science Safety/Environment 10-5-90	G-5 No Signs	Get some and put them up	
133	Applied Science Pre-Tiger Self-Assessment 11/7/90	No first aid kit		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90			Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90			Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90			Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90			Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90			Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90			Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment 11/7/90	Circuit breakers belong to other labs		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	remove old power strip		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	leaky sprinkler head with bucket		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	no hazard labels on chemicals (epoxy stripper)		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	gas cylinder not double chained		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	vent switch mark "Leave On" are turned off (Call EH &S)		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	label LCW		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
133	Applied Science Pre-Tiger Self-Assessment	getting rid of outdated equipment		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	needs general clean-up		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	improper storage of liquid chemicals under sink		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	no flame cabinet		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	no sink labels		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	furnace on wooden cabinet		Cairns, E.J.
133	Applied Science Pre-Tiger Self-Assessment	blocked breaker panel		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 note OSHA poster across hall from door		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 add notice on location of PUB 3000		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 require advice on blockage rear sprinkler; should be dealt w/on lab-wide level since many labs involved		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 mount fire extinguisher		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 need guidance from division/ lab		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 purchase gloves from stores		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 general clean-up; return unused gas cylinders; secure all cylinders; remove bookshelves, move chamber to wall; remove unused materials; disassemble measurement stations of chamber		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 noted luminous arrow at exit door		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 add 'Not an Exit' sign		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 supervisors to provide instruction on emergency procedures; require policy decision on requirements for first aid training		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 need careful check of lab to insure no hazardous substances are present		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 Nazaroff, Sextro, Nuzum & new student will take course 'Radiation Protection Radionuclides' (EHS-430) before starting work with radioactive source		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 label water supply in hood as non-potable		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 mount fire extinguisher		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 remove combustible materials from beneath tables & bookcases so within reach of water from sprinklers		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	11/19/90 remove 110v cords thru walls of chamber; install safe feed-throughs before use of chamber		Cairns, E.J.

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	not informed of policy decision that GFT's are not required		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	bldg manager needs to ensure labeling of breakers throughout building		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	check w/ bldg manager on cord connector to overhead lights		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	replace extension cord that does not have switch of approved type		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	general clean-up (see 7.1)		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	remove unsecured/unused bookcase behind chamber		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	check w/ Nazarovit, correct as needed		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment 11/19/90	remove unused organic waste can		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	need guidance on storage & isolation of vaporous gases from room air		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	close off opening between 70-134, 70-138		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	remove unused cables from 70-124 thru wall openings, remove cables from 70-129		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	no trays for storing (lecture?) bottles		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	remove gas cylinders from wood panel		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	experimental station needs to be redesigned to consider safety		Cairns, E.J.
134	Applied Science Pre-Tiger Self-Assessment	tray needed for vacuum pump		Cairns, E.J.
134	Applied Science Pre-Tiger, EC Self-Assessment	spill kit not in lab		Cairns, E.J.
134	Applied Science Pre-Tiger, EC Self-Assessment	have not taken training course on hazardous waste disposal		Cairns, E.J.
137	Nuclear Science Safety/Environment 8/14/90	No first aid kit		
138	Applied Science Pre-Tiger Self-Assessment 11/19/90	note poster in hall across from door		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment 11/19/90	post notice on location of PUB 3000 on door		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment 11/19/90	first aid kit available in 70-141		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment 11/19/90	purchase gloves (general cloth work gloves) from stores		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment 11/19/90	general clean-up required; secure small gas cylinders		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment 11/19/90	add cover to light fixtures w/ old-style 2 pin tubes; install tubes where missing		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 general clean-up required		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 noted luminous at exit door		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 dispose of old-style extension cords located in box		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 remove light attached to upper surface hood/ not needed		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 bldg manager needs to check labeling of breakers, circuit panel - & unknown switch in room		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 I have been notified that GFI's are not required		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 only electrical enclosures are circuit breaker box, outlets & junction box in lab electrical system		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 notify employees regarding use of metal ladder		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 general clean-up		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 store samples at RFS; return data loggers to EPB		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 install lip on top shelf in place of existing chain system		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 general clean-up		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	11/19/90 bldg manager needs to have breakers labeled		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	hood light needs to be removed		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	clean-up tracer gas in hood		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	bottles not double chained		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	remove hood attachment		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	label low conductivity water		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	sprinkler head needs to be lowered, as per advice on policy & standards; require advice on blockage, rear sprinkler heads		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	hood blocks needs to remove		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	cap missing on 480v lines		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	needs storage space		Cairns, E.J.
138	Applied Science Pre-Tiger Self-Assessment	work out emergency shut-down procedures		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	11/9/90 NASD's missing for several flammable gases in our lab		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	training for use of fire extg.		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	fluorescent tubes missing		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	need exit sign		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	need "not an exit" sign		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	training for use of first aid kit		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	need to identify the type of fire extg. in our lab		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	compile list of hazardous substances		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	we still have some old style extension cords to be replaced		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	need to label circuit breakers		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	need to install ground fault interrupts in older buildings?		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	Need labels for refrigerators		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	send some unused equipment to salvage		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	install lips on bookcases		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	seismic tie-downs for ladder		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	Ian Shepherd needs eye exam		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment 11/9/90	no receptacles for broken glass in building		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	keep record of training of visitors & employees - logbook on database		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	fume exhaust sensors need calibration		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	1 laser needs an OSP		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	no trays to retain leaking pump oil		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	reduce size of glass containers containing solvents		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	exchange methanol by ethanol (less harmful)		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	check chemical compatibility		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	no waste containers - no waste management		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
141	Applied Science Pre-Tiger Self-Assessment	label document circuit breakers		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	label refrigerators by use & contents		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	1 class IV laser needs to be interlocked		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	fix moveable racks & restrict movement in case of earthquake, prevent tipping over		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	fix & secure metal cabinet		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	find out whether cable trays are grounded		Cairns, E.J.
141	Applied Science Pre-Tiger Self-Assessment	high voltage labels needed		Cairns, E.J.
141	Applied Science Pre-Tiger, EC Self-Assessment	need MSDS for alcohol & acetone		Cairns, E.J.
141	Applied Science Pre-Tiger, EC Self-Assessment	inventory of chemicals		Cairns, E.J.
143	ENGINEERING OSHA SELF 06/15/90	Establish Health and Safety Program concerning handling and use of toxic gases, liquids, and solids. OSHA Checklist #1.1	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Establish yearly Fire Extinguisher Training Program. OSHA Checklist #1.12	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Acquire Material Safety Data Sheets. OSHA Checklist #2.3	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post "Food Storage Only" sign on refrigerator. OSHA Checklist #3.7	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Install eye wash facilities. OSHA Checklist #6.1	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Install face shield and safety glasses. OSHA Checklist #7.1	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post signs requiring protective eye wear. OSHA Checklist #7.2	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post signs requiring protective eye wear. OSHA Checklist #7.3	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Provide gloves and aprons for chemical handling. OSHA Checklist #7.4	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Install eye wash facilities. OSHA Checklist #7.9	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post "EXIT" signs and provide emergency lighting. OSHA Checklist #13.1	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post "Not and Exit" signs. OSHA Checklist #13.3	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post "EXIT" signs and provide emergency lighting. OSHA Checklist #13.4	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
143	ENGINEERING OSHA SELF 06/15/90	Install face shield and safety glasses. OSHA Checklist #16.7	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Establish Machine Shop Safety and Inspection Program and Operation. OSHA Checklist #20.1	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Establish Machine Shop Safety and Inspection Program and Operation. OSHA Checklist #20.3	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Ground Drill Press. OSHA Checklist #20.9	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post signs warning of hazards. OSHA Checklist #20.16	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Secure gas cylinders in a safe manner. OSHA Checklist #25.4	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Secure gas cylinders in a safe manner. OSHA Checklist #25.5	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Install face shield and safety glasses. Provide gloves and aprons for chemical handling. OSHA Checklist #30.18	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Shield ultraviolet radiation. OSHA Checklist #30.29	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Acquire "Material Safety Data Sheets". OSHA Checklist #31.3	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Install flammable liquid waste containers. OSHA Checklist #31.12	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Secure gas cylinders in a safe manner. OSHA Checklist #31.15	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Post procedures for hazardous waste spills. OSHA Checklist #33.10	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	List hazardous substances. OSHA Checklist #34.1	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Acquire "Material Safety Data" sheets. OSHA Checklist #34.2	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Acquire "Material Safety Data" sheets. OSHA Checklist #34.4	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Install covers to electrical enclosures. OSHA Checklist #35.25	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	ENGINEERING OSHA SELF 06/15/90	Require CPR training. OSHA Checklist #35.32	Lab is unoccupied - item not applicable - consider it completed	Yes December 6, 1990 M. Pollard
143	Engineering LBL '90 Elec. Insp. 12/1/89	Safety light wired through sheetrock wall.	Remove light and wire. -Reported to C&M	Yes M. Pollard
143	Engineering LBL '90 Elec. Insp. 12/1/89	Multiple extension cords.	Eliminate multiple extension cords.	Yes December 6, 1990 M. Pollard
143	Engineering LBL '90 Elec. Insp. 12/1/89	GFCI needed in receptacle near sink.	Provide GFCI receptacle near sink. -Recommended, not required	Yes December 6, 1990 M. Pollard
143	Engineering LBL '90 Elec. Insp. 12/1/89	Housekeeping and gas bottles need securing.	Cleanup and properly secure gas bottles.	Yes December 6, 1990 M. Pollard

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
143	Engineering S&H Self Inspection 11/13/90	Information board by dock	Install information board by dock	
143	Engineering S&H Self Inspection 11/13/90	Cover conduit above 30B-6-B metal not plastic	-Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Remove paper in 30B-5F		Yes December 13, 1990 M. Pollard
143	Engineering S&H Self Inspection 11/13/90	Secure drawers for earthquake		
143	Engineering S&H Self Inspection 11/13/90	Label pipes	-Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Upgrade ore remove laser master switch	-Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Sprinkler pipes not marked	Mark sprinkler pipes. -Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	No exit signs	Install exit signs	Yes December 6, 1990 M. Pollard
143	Engineering S&H Self Inspection 11/13/90	Fire extinguisher outdated	Replace fire extinguisher. -Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Need new schedule on panel 30 D-5-F	-Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Exhaust manifold control not working properly	Repair exhaust manifold control. -Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Fluorescent fixtures need guards	Put guards on floor. fixtures. -Reported to C&M	
143	Engineering S&H Self Inspection 11/13/90	Laser master SE-Inop.	-Reported to C&M	
143A	Engineering S&H Self Inspection 11/13/90	Panel 107 1201-17 S. wall recepticle station doesn't have schedule or where it get's it's power	Reported to C&M	
143A	Engineering S&H Self Inspection 11/13/90	100A chit on south wall not labeled, power source for above panel?	Reported to C&M	
143A	Engineering S&H Self Inspection 11/13/90	South wall station A doesn't have schedule or where it get's it's power	Reported to C&M	
143A	Engineering S&H Self Inspection 11/13/90	Cable trays need solid ground otherwise very good.	Reported to C&M	
143A	Engineering S&H Self Inspection 11/13/90	Remove ladder to mezzanine as it is not legal storage	Reported to C&M	
143A	Engineering S&H Self Inspection 11/13/90	No GFIC at sink or adjacent bench	Install GFIC at sink or adjacent bench. Not required, but recommended	Yes December 6, 1990 M. Pollard
143A	Engineering S&H Self Inspection 11/13/90	Metal back plug on transite top bench	Replace metal back plug on transite top bench	Yes December 13, 1990 M. Pollard
143A	Engineering S&H Self Inspection 11/13/90	Electrical boxes uncovered	Cover electrical boxes	
143A	Engineering Environmental Self Inspection 11/13/90	Rusty plumbing under sink	Replace rusty plumbing -Reported to C&M	
143A	Engineering Environmental Self Inspection 11/13/90	Sink needs label	Label sink for proper use	Yes December 13, 1990 Martin Pollard
143A	Engineering S&H Self Inspection 11/9/90	Sink plumbing being rusted out-all iron-much rust collected	Replace or repair sink. -Reported to C&M	
143A	Engineering S&H Self Inspection 11/9/90	Drain not labeled to prohibit dumping of haz. waste	Label drain to prohibit dumping of haz. waste.	Yes December 10, 1990 M. Pollard
143A	Engineering S&H Self Inspection 11/9/90	Waste chemicals in box on floor to be removed by EH&S	Get EH&S to remove waste chemicals in box on floor	
146A	Nuclear Science Safety/Environmen t 8/14/90	Exhaust stacks and air intakes are not located so that contaminated air will not be recirculated within a building or other enclosed area.		
147	Engineering S&H Self Inspection 11/13/90	3' feet for box "D"		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
147	Engineering S&H Self Inspection 11/13/90	Label		
147	Engineering S&H Self Inspection 11/13/90	Secure cabinet		
147	Engineering S&H Self Inspection 11/13/90	Label all pipes		
147	Engineering S&H Self Inspection 11/13/90	No exit signs (all rooms)	Install exit signs in all rooms	
147A	Engineering S&H Self Inspection 11/13/90	File cabinet not secured	Secure file cabinet	
147A	EPH&S Self Assessment 11/12/90	Procedures for storage of materials in PIT room are inadequate. Procedures should be upgraded and rewritten.	Write procedures for PIT room operations	Harvey, R.
147A	EPH&S Self Assessment 11/12/90	There is no policy which determines the method of packaging for isotopes stored in the PIT room.	Determine a policy for packaging materials in PIT room based on relative hazard. Repackage materials which require more stringent packagings.	Harvey, R.
147A	EPH&S Self Assessment 11/12/90	Many items have been stored in the PIT room for over 20 years. Effort should be made to discard as many as possible.	Discard all possible items	Harvey, R.
147A	EPH&S Self Assessment 11/12/90	No limit has been established for storing fissionable materials in the SNM (z3) cabinet. At present there are 44.3 grams of plutonium and uranium enriched in greater than 20% in the z3 cabinet. 100 grams maximum would leave a sufficient safety margin.	Establish a limit for the amount of fissionable materials which can be stored in the SNM (z3) cabinet.	Harvey, R.
147B	Engineering S&H Self Inspection 11/13/90	3' clear both boxes "G" & "E"		
147B	Engineering S&H Self Inspection 11/13/90	Identify "G" & "E"		
147B	Engineering S&H Self Inspection 11/13/90	Label plugs		
147B	Engineering S&H Self Inspection 11/13/90	Label pipes		
147B	Engineering S&H Self Inspection 11/13/90	Metal lamp w/2 wire cord		
147B	Engineering S&H Self Inspection 11/13/90	Metal lamp w/2wire cord		
147B	Engineering S&H Self Inspection 11/13/90	No lips on shelves	Put lips on shelves	
147C	Engineering S&H Self Inspection 11/13/90	Conduit boxes-cover		
147C	Engineering S&H Self Inspection 11/13/90	Remove cable through wall (interlock)		
147C	Engineering S&H Self Inspection 11/13/90	Cover on pull box		
147C	Engineering S&H Self Inspection 11/13/90	Remove cable in storage room		
147C	Engineering S&H Self Inspection 11/13/90	Ceiling needs painting (leaks when lawn is watered)		
147C	Engineering S&H Self Inspection 11/13/90	Shelves stored against walls	Remove shelves stored against walls	
147C	Engineering S&H Self Inspection 11/13/90	"Not an Exit" sign missing above door to adj. room	Install "Not and Exit" sign above door to adj. room	
147C	Engineering S&H Self Inspection 11/13/90	"Not an Exit" sign missing above door to adj. room	Install "Not and Exit" sign above door to adj. room	
152A	Administration Fire Inspection 7/23/90	Misuse of extension cords	replace/rewire	Yes November 16, 1990
157	Applied Science Pre-Tiger Self-Assessment	chemicals not labeled		Cairns, E.J.
157	Applied Science Pre-Tiger Self-Assessment	MSDA needed for all chemicals		Cairns, E.J.
157	Applied Science Pre-Tiger Self-Assessment	secure 440 volt junction box		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
157	Applied Science Pre-Tiger Self-Assessment	need guidance from electrical review committee- inconsistent 3' clearance labels on some circuit breaker boxes		Cairns, E.J.
157	Applied Science Pre-Tiger Self-Assessment 11/21/90	no training records (Health & Safety)		Cairns, E.J.
157	Applied Science Pre-Tiger Self-Assessment 11/21/90	need policy re: people working alone at night		Cairns, E.J.
157	Applied Science Pre-Tiger Self-Assessment 11/21/90	need start-up & shutdown documentation for lasers		Cairns, E.J.
158	ESD OSHA 6/21/90	secure cabinets/shelves		
158	ESD OSHA 6/21/90	repair flooring		
158	ESD OSHA 6/21/90	improper organic waste storage		
158	ESD Fire 7/23/90	secure cylinders with chains or other approved devices.		
158	ESD OSHA 11/8/90	no OSHA poster		
158	ESD OSHA 11/8/90	need MSDS nearby		
158	ESD OSHA 11/8/90	no "exit" signs		
158	ESD OSHA 11/8/90	housekeeping needed		
158	ESD OSHA 11/8/90	PE 3030 AAS not secured		
158	ESD OSHA 11/8/90	staff needs formal EH&S training		
158	ESD OSHA 11/8/90	water taps not identified		
158	ESD OSHA 11/8/90	cabinets need bolting		
163	Applied Science Pre-Tiger Self-Assessment	needs tray under vacuum pump		Cairns, E.J.
163	Applied Science Pre-Tiger Self-Assessment	earthquake hazard caused by purchasing, ordering a wrong size gas cylinder		Cairns, E.J.
163	Applied Science Pre-Tiger Self-Assessment	need goggles for lasers		Cairns, E.J.
163	Applied Science Pre-Tiger Self-Assessment	OSP's for lasers		Cairns, E.J.
166	ESD OSHA 6/21/90	secure gas cylinder		
166	ESD OSHA 6/21/90	properly store organic wastes		
166	ESD Fire 7/23/90	secure cylinders with chains or other approved devices.		
166	ESD LBL Electrical 10/06/89	replace defective door hardware		
166	ESD LBL Electrical 10/06/89	replace/repair unsafe electrical wiring equip (NE corner)		
166	ESD LBL Fire 7/23/90	replace painted/corroded sprinkler heads in hood #3.		
166	ESD OSHA 11/9/90	no exit signs		
166	ESD OSHA 11/9/90	H. Holman should get prescription safety glasses		
166	ESD OSHA 11/9/90	staff needs formal EH&S training		
166	ESD OSHA 11/9/90	chemical exposure not monitored		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
166	ESD OSHA 11/9/90	ventilation not appropriate (especially GC/MS)		
166	ESD OSHA 11/9/90	fire extinguisher blocked by shower		
166	ESD OSHA 11/9/90	extension cords used in place of permanent wiring		
166	ESD OSHA 11/9/90	extension plug within 6' of sink		
166	ESD OSHA 11/9/90	permanently located instrument not hardwired		
166	ESD OSHA 11/9/90	fluid lines not properly secured		
166	ESD OSHA 11/12/90	need MSDS references		
170	Administration Fire Inspection 7/23/90	Seismic: Secure unstable furnishings/equipt.	secure	
170	Administration Fire Inspection 7/23/90	Replace door/ hardware	Plant Engr (Tony Yuen) is preparing a C.D.R. titled Fire & Safety Systems Upgrade Project Phase I which will cover this type of structural problem. No further action on this item.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	Two Husky boilers have a safe working pressure of 15 lbs. Boiler inspection certificates were not available for review and employees were not aware of their location.	Assure boilers have undergone correct inspections and that employees are aware of the location of the inspection certificates.	
183	INSTITUTIONAL PE/Kaiser 2 11/28/90	Panel 30C1-A filler panel missing exposing bus top and bottom.	Install filler dead front panels.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	The South Bend lathe is not equipped with a chuck guard.	Install a chuck guard to protect the operator.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	Hot surfaces (275°F-300°F) on back of boiler should be protected from accidental contact.	Either provide a barrier or insulate the hot surfaces of the boiler below 7' to prevent an accidental burn.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	The OTC hydraulic press has no deflector shield to protect operator from materials that might be ejected from this equipment.	Install a suspended deflector to protect the operator in the event of an accidental ejection of parts and/or materials.	
183	INSTITUTIONAL PE/Kaiser 2 11/28/90	Panel 30C1-B does not have a directory.	Install panel directory.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Two Husky boilers both have electrical junction boxes with "knock-outs" missing and conductors are exposed. "BR5-70 and BR6-70."	"Plug the openings in the junction boxes, front of both boilers."	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	Junction box to the lower temperature control has a cover missing.	Replace the cover adjacent to the power panel about 8 feet off of the floor level.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	Flex cord is used in lieu of fixed wiring. Cord is led over pipes and down the opposite wall.	Remove extension cord and plug microwave oven directly into an electrical outlet.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Power panels in the SE corner, adjacent to the chiller controls, are blocked by too large plastic barrels."	"Remove obstructions and maintain 36" of clear space in front of power panels."	
183B	Administration OSHA	EMERGENCY TELEPHONE NO NOT POSTED	post	
183B	Administration OSHA	EMERGENCY EXITS NOT POSTED	post	
183B	Administration OSHA	FIRE DOOR DIFFICULT TO OPEN	eval/repair	
183B	Administration OSHA	UNSAFE CLEARANCE BETWEEN AISLE & LATH	move	
183B	Administration OSHA	NO DUST COLLECTOR INSTALLED ON GRINDER	install	
183B	Administration OSHA	PEDESTAL GRINDER NOT PERMANENTLY MOUNTED	mount	
183B	Administration OSHA	NO VENTILATION IN RM 183B	evaluate/repair	
187	Administration Fire Inspection 7/23/90	Remove extension cord	remove	
187	Administration Fire Inspection 7/23/90	Replace door	Plant engineer (Tony Yuen) is preparing a C.D.R. titled Fire & Safety Systems Upgrade. Project Phase I which will cover this type of structural problem. No further action on this item.	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
189	ESD OSHA 11/12/90	housekeeping needed		
189	ESD OSHA 11/12/90	rearrange extension cords		
189	ESD OSHA 11/12/90	no lips on high shelves		
189A	ESD		housecleaning	
189 Hall	Engineering SAH Self Inspection 11/13/90	Feeder # needs upgrade (opp. 143) ceiling		
1st Fl. Hall	Engineering SAH Self Inspection 11/13/90	Fire extinguishers outdated	Update fire extinguishers	
201	Applied Science Pre-Tiger Self-Assessment	insufficient clearance for electrical panel (<3')		Cairns, E.J.
201	Applied Science Pre-Tiger Self-Assessment	no door on cabinet		Cairns, E.J.
201	Applied Science Pre-Tiger Self-Assessment	tie down refrig. for earthquake		Cairns, E.J.
201	Applied Science Pre-Tiger Self-Assessment	label HPLC		Cairns, E.J.
201	Applied Science Pre-Tiger Self-Assessment	eliminate old phone cable		Cairns, E.J.
201	Applied Science Pre-Tiger Self-Assessment	tie down air pipe; label		Cairns, E.J.
201	Applied Science Pre-Tiger Self-Assessment	label utility pipes		Cairns, E.J.
202	Administration OSHA	FILING CABINETS NOT SECURE - (NO WALL)	secure	
202	Administration OSHA	PARTS CABINETS ON WORKBENCH NOT SECURE	secure	
203	Nuclear Science Electrical May 30, 1990	Power outlet strip mounted to roll around hood has old fray cable.	Replaced the fray cable with a new cord, and the main cord plugs directly to a power outlet strip	
203	Nuclear Science Electrical May 30, 1990	Gas Bottles not secured at bottom	Contacted metal shop for the installation of a more secure metal housing for ea. of the 10 gas cylinders.	
203	Nuclear Science Safety/Environment 10/1/90	Incompatible chemicals	Store acids, bases separately	
203	Nuclear Science Safety/Environment 10/5/90	Shelf guards	Remove all chemicals from open shelves	
203	Nuclear Science Safety/Environment 10/5/90	EXIT signs	Post EXIT signs	
203	Nuclear Science Safety/Environment 10/26/90	Duct supports	relocate hood to eliminate the requirement for extra supports	
203	Nuclear Science Safety/Environment 11-14-90	Change emergency numbers on doors		
203	Nuclear Science Safety/Environment 11-14-90	Cap unused drain		
203	Nuclear Science Safety/Environment 11-14-90	Alarm on exhaust system inoperative		
203	Nuclear Science Safety/Environment 11-14-90	Label switches 3 ea.		
203	Nuclear Science Safety/Environment 11-14-90	Label Hood Exhaust Speed Switch		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
203	Nuclear Science Safety/Environmen t 11-14-90	All AC outlets should indicate circuit breaker		
203	Nuclear Science Safety/Environmen t 11-14-90	Replace O-Rings on Glove Box Ports		
203	Nuclear Science Safety/Environmen t 11-14-90	Check on emergency rescue equipment for labs		
203	Nuclear Science Safety/Environmen t 11-14-90	Organize and Label Drawers Discard Junk		
203	Nuclear Science Safety/Environmen t 11-14-90	Check w/fire Dept. Re: Plastic window		
203	Nuclear Science Safety/Environmen t 11-14-90	Secure glass waste bin		
203	Nuclear Science Safety/Environmen t 11-14-90	Fire doors to 203A 209A blocked open		
203	Nuclear Science Safety/Environmen t 11-14-90	Secure (Earthquake) all radioactive solutions and hazardous chemicals when not in use		
203	Nuclear Science Safety/Environmen t 11-14-90	Latches on cabinet door		
203	Nuclear Science Safety/Environmen t 11-14-90	Unlabeled and Incompatibly stored chemicals		
203	Nuclear Science Safety/Environmen t 11-14-90	Label Pipes and shutoff valves water, gas, vac, etc.		
203	Nuclear Science Safety/Environmen t 11-14-90	Check electrical safety of centrifuge and controller		
203	Nuclear Science Safety/Environmen t 11-14-90	GFI's for all outlets near hoods		
203	Nuclear Science Safety/Environmen t 11-14-90	No exit signs	Post exit signs	
203	Nuclear Science Safety/Environmen t 11-14-90	Vent P-10 into hood		
203	Nuclear Science Safety/Environmen t 11-14-90	GFI's on outlets near sinks		
203	Nuclear Science Safety/Environmen t 11-14-90	Repair leaky deionized water faucet		
203	Nuclear Science Safety/Environmen t 11-14-90	Wrap all Lead		
203	Nuclear Science Safety/Environmen t 11-14-90	Secure box to floor		
203	Nuclear Science Safety/Environmen t 11-14-90	Proper storage of radioactive samples		
203	Nuclear Science Safety/Environmen t 11-14-90	Rework cable		
203	Nuclear Science Safety/Environmen t 11-14-90	Improperly stored chemicals/compatibility		
203	Nuclear Science Safety/Environmen t 11-14-90	Secure Gas bottles properly		
203	Nuclear Science Safety/Environmen t 11-14-90	VAC pump w/no oil tray w/Defective power cord		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
203	Nuclear Science Safety/Environment 11-14-90	Exposed HV in glove box		
203	Nuclear Science Safety/Environment 11-14-90	Post Radiation levels near glove boxes at door		
203	Nuclear Science Safety/Environment 11-14-90	Inventory all radioactive sources		
203	Nuclear Science Safety/Environment 11-14-90	Inventory of activities in target box		
203	Nuclear Science Safety/Environment 11-14-90	Cradle to Grave accounting for radioactive material		
203	Nuclear Science Safety/Environment 11-14-90	Lock storage box for radioactive materials		
203	Nuclear Science Safety/Environment 11-14-90	Lock Glove Box Doors		
203	Nuclear Science Safety/Environment 11-14-90	Improper storage of incompatible chemicals		
203	Nuclear Science Safety/Environment 11-14-90	Contents list for radioactive waste can		
203	Nuclear Science Safety/Environment 11-14-90	Ungrounded AC cord		
203	Nuclear Science Safety/Environment 11-14-90	Improper storage of chemicals		
203	Nuclear Science Safety/Environment 11-14-90	Repair sink		
203	Nuclear Science Safety/Environment 11-14-90	Stickers for mini sinks		
203	Nuclear Science Safety/Environment 11-14-90	Unlabelled white powder		
203	Nuclear Science Safety/Environment 11-14-90	Eliminate Junk		
203	Nuclear Science Safety/Environment 11-14-90	Remove old wiring		
203	Nuclear Science Safety/Environment 11-14-90	Ungrounded power cable to centrifuge		
203	Nuclear Science Safety/Environment 11-14-90	Cover sinks in hoods. Label sinks in hood. Check with EH&S Re: Legality		
203	Nuclear Science Safety/Environment 11-14-90	Cap all waste bottles		
203	Nuclear Science Safety/Environment 11-14-90	Carcinogen label for doors Proper storage of carcinogens		
203	Nuclear Science Safety/Environment 11-14-90	Unlabelled chemicals		
203	Nuclear Science Safety/Environment 11-14-90	Safety glasses sign on hoods and glass blowing area		
203A	Nuclear Science Safety/Environment 10/5/90	Unstable furnishings	Remove or secure unstable furnishings	
203A	Nuclear Science Safety/Environment 11-14-90	Earthquake file cabinets and bookshelves		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
203A	Nuclear Science Safety/Environment 11-14-90	Repair building page speaker		
203A	Nuclear Science Safety/Environment 11-14-90	Remove chemicals from office		
204	Nuclear Science Electrical May 30, 1990	Obstructed load center	Removed all objects on the load center	
204	Nuclear Science Electrical May 30, 1990	File cabinet not secured	In process of securing all cabinets	
204	Nuclear Science Safety/Environment 10/5/90	*Not an EXIT* signs	Post *Not an EXIT* signs	
204	Nuclear Science Safety/Environment 10/26/90	Defective door hardware	Contact carpenters for repairing defective door	
204	Nuclear Science Safety/Environment 11-21-90	No exit and exit signs		
204	Nuclear Science Safety/Environment 11-21-90	Earthquake shelves and cabinets		
204	Nuclear Science Safety/Environment 11-21-90	Install building page speaker		
204	Nuclear Science Safety/Environment 11-21-90	Label AC outlets Re Breaker location		
204	Nuclear Science Safety/Environment 11-21-90	Remove chemicals and Lab equip. from office		
208	ESD		housecleaning	
208	ESD Fire 8/30/90	repair/remove unsafe electrical equipment		
208	ESD Fire 8/30/90	replace/repair inoperative door device		
208A	ESD		housecleaning	
208,258	Applied Science Pre-Tiger Self-Assessment 11/12/90	Secure oven, check on tanks		Cairns, E.J.
208,258, 260, 264	Applied Science Pre-Tiger Self-Assessment 11/12/90	List of chemicals		Cairns, E.J.
208,258, 264, 264A, 264 B	Applied Science Pre-Tiger Self-Assessment 11/12/90	No fire extinguishers		Cairns, E.J.
208,264	Applied Science Pre-Tiger Self-Assessment 11/12/90	No waste cans for solvents		Cairns, E.J.
209	Nuclear Science Electrical May 30, 1990	Gas bottles not secured at bottom	Contacted metal shop for the installation of a more secure metal housing for ea. of the 10 gas cylinders.	
209	Nuclear Science Electrical May 30, 1990	Heat lamp inside hood has frayed wires	Replaced the heat lamp with a new one.	
209	Nuclear Science Electrical May 30, 1990	Variac box under hood has frayed wires	Removed the unusable variac box under hood.	
209	Nuclear Science Electrical May 30, 1990	No motor start switch on vac pump.	Returned vac pump for maintenance.	
209	Nuclear Science Electrical 10/25/90	Housekeeping	Clean-Up performed	
209	Nuclear Science Safety/Environment 10/1/90	Incompatible chemicals	Store acids, bases separately	
209	Nuclear Science Safety/Environment 9/15/90	Secure cylinders	All cylinders have been secured	
209	Nuclear Science Safety/Environment 10/5/90	Flammable liquids storage	Store all flammable liquid in approved metal storage cabinet	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
209	Nuclear Science Safety/Environmen t 11-14-90	All AC outlets should indicate circuit breaker		
209	Nuclear Science Safety/Environmen t 11-14-90	Organize and Label Drawers Discard Junk		
209	Nuclear Science Safety/Environmen t 11-14-90	Fire Doors to 203A, 209A blocked open		
209	Nuclear Science Safety/Environmen t 11-14-90	Secure (Earthquake) all radioactive solutions and hazardous chemicals when not in use		
209	Nuclear Science Safety/Environmen t 11-14-90	Latches on cabinet doors		
209	Nuclear Science Safety/Environmen t 11-14-90	Safety signs on door with emergency contact person		
209	Nuclear Science Safety/Environmen t 11-14-90	Combustible material under desk		
209	Nuclear Science Safety/Environmen t 11-14-90	Get rid of excess chemicals		
209	Nuclear Science Safety/Environmen t 11-14-90	Unlabelled bottles throughout all labs		
209	Nuclear Science Safety/Environmen t 11-14-90	Chemical storage compatability		
209	Nuclear Science Safety/Environmen t 11-14-90	Earthquake chemical cabinets		
209	Nuclear Science Safety/Environmen t 11-14-90	Check on storage and use of carcinogens and poisons		
209	Nuclear Science Safety/Environmen t 11-14-90	Radiation/Chemistry Training for Authorization and Documentation		
209	Nuclear Science Safety/Environmen t 11-14-90	Cradle to Grave documentation of samples/activities		
209	Nuclear Science Safety/Environmen t 11-14-90	Improper storage of radioactive samples		
209	Nuclear Science Safety/Environmen t 11-14-90	Label and list contents of all waste bottles		
209	Nuclear Science Safety/Environmen t 11-14-90	Update inventory of all chemicals		
209	Nuclear Science Safety/Environmen t 11-14-90	GFI outlets within 6' sinks		
209	Nuclear Science Safety/Environmen t 11-14-90	Access to electric panels and safety equipment		
209	Nuclear Science Safety/Environmen t 11-14-90	Wires through walls		
209	Nuclear Science Safety/Environmen t 11-14-90	Check with Fire dept. re: Escape hatches		
209	Nuclear Science Safety/Environmen t 11-14-90	Disgard/store Glove box		
209	Nuclear Science Safety/Environmen t 11-14-90	Oil pan under pump		
209	Nuclear Science Safety/Environmen t 11-14-90	Post guidelines for hood and glove box use		

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
209	Nuclear Science Safety/Environment 11-14-90	Unlabelled circuit breaker		
209	Nuclear Science Safety/Environment 11-14-90	Store liquids in phototrays		
209	Nuclear Science Safety/Environment 11-14-90	Radioactive and Chem. Security	Keep doors locked at all times	
209	Nuclear Science Safety/Environment 11-14-90	Check with EH&S on filtering hood exhaust		
209	Nuclear Science Safety/Environment 11-14-90	Store chemicals properly compatibility		
209	Nuclear Science Safety/Environment 11-14-90	Chemical waste procedures	Waste Receptacles	
209	Nuclear Science Safety/Environment 11-14-90	Label Pipes and shutoff valves water, gas, vac, etc.		
209	Nuclear Science Safety/Environment 11-14-90	Label hood exhaust speed switch		
209 Hallway	Nuclear Science Safety/Environment 11-14-90	Earthquake alpha beta gamma meter		
209A	Nuclear Science Safety/Environment 10/5/90	Unstable furnishings	Remove or secure unstable furnishings	
209A	Nuclear Science Safety/Environment 11-14-90	No chemical storage in offices		
209A	Nuclear Science Safety/Environment 11-14-90	Earthquake bookshelves and file cabinets		
209A	Nuclear Science Safety/Environment 11-14-90	Check EH&S policy on storage of film badges during off hours		
209A	Nuclear Science Safety/Environment 11-14-90	Inadequate aisle clearance		
209A	Nuclear Science Safety/Environment 11-14-90	remove old transformer		
209A	Nuclear Science Safety/Environment 11-14-90	Grid on light fixture		
209A	Nuclear Science Safety/Environment 11-14-90	Check on legality of fire escape		
210	Nuclear Science Electrical May 30, 1990	Deteriorated cords rack	Being repaired.	
210	Nuclear Science Electrical May 30, 1990	Extension box BD-2.	Removed.	
210	Nuclear Science Electrical May 30, 1990	Framework of experiment equip. rack not hard grounded.	In the process of putting a ground cable to the framework of the rack.	
210	Nuclear Science Electrical May 30, 1990	Experiment looks permanent enough to warrant hard wiring.	No budget for hard wiring the counting room.	
210	Nuclear Science Electrical May 30, 1990	Lead bricks not secured.	In the process of putting metal strips around the lead bricks.	
210	Nuclear Science Safety/Environment 10/5/90	EXIT Signs	Post EXIT signs	
210	Nuclear Science Safety/Environment 10/26/90	Defective door hardware	Contact carpenters for repairing defective door	
210	Nuclear Science Safety/Environment 11-14-90	Label and Repair air cond. switches		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
210	Nuclear Science Safety/Environmen t 11-14-90	Earthquake Detector/shield MCAI		
210	Nuclear Science Safety/Environmen t 11-14-90	Label valves and pipes		
210	Nuclear Science Safety/Environmen t 11-14-90	Label both ends of all cables/cords in cable trays		
210	Nuclear Science Safety/Environmen t 11-14-90	Earthquake Electronics rack		
210	Nuclear Science Safety/Environmen t 11-14-90	Cover all Lead		
210	Nuclear Science Safety/Environmen t 11-14-90	Remove all Waber boxes		
210	Nuclear Science Safety/Environmen t 11-14-90	Remove Cable		
210	Nuclear Science Safety/Environmen t 11-14-90	Secure Gas Exhaust System		
210	Nuclear Science Safety/Environmen t 11-14-90	Oil pans on pumps		
210	Nuclear Science Safety/Environmen t 11-14-90	Remove old wiring		
210	Nuclear Science Safety/Environmen t 11-14-90	Re -Label AC Outlets		
210	Nuclear Science Safety/Environmen t 11-14-90	Be Stickers on Detectors -2 ea		
210	Nuclear Science Safety/Environmen t 11-14-90 tSafety/Environmen	Exit signs on doors		
210	Nuclear Science Safety/Environmen t 11-14-90 tSafety/Environmen	Earthquake all cabinets		
210	Nuclear Science Safety/Environmen t 11-14-90 tSafety/Environmen	Retape Dewar		
210	Nuclear Science Safety/Environmen t 11-14-90 tSafety/Environmen	Check floor loading		
210	Nuclear Science Safety/Environmen t 11-14-90 tSafety/Environmen	Radioactives stickers on storage areas and detectors		
210	Nuclear Science Safety/Environmen t 11-14-90	Locking wheels on liquid nitrogen cart		
210	Nuclear Science Safety/Environmen t 11-14-90	Food only stickers for Refrigerator, Remove chemicals		
210	Nuclear Science Safety/Environmen t 11-14-90	Earthquake balances and table		
210	Nuclear Science Safety/Environmen t 11-14-90	Secure gamma Detectors to shields and shields to tables -5 ea		
210	Nuclear Science Safety/Environmen t 11-14-90	Secure computers against theft/earthquake 6 ea		
210	Nuclear Science Safety/Environmen t 11-14-90	Earthquake storage room		
210	Nuclear Science Safety/Environmen t 11-14-90	Improper storage of pump oil		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
210	Nuclear Science Safety/Environmen t 11-14-90	Remove inoperative signal light		
210	Nuclear Science Safety/Environmen t 11-14-90	Remove 208 V signs		
210	Nuclear Science Safety/Environmen t 11-14-90	Untape/Fix outlet		
210	Nuclear Science Safety/Environmen t 11-14-90	Fix/Untape AC outlets		
210	Nuclear Science Safety/Environmen t 11-14-90	Check with Fire Dept. Re: swinging doors		
210A	Nuclear Science Safety/Environmen t 10/19/90	Inadequate aisle space	In process of providing a minimum 24 inches wide aisle	
215	Applied Science Pre-Tiger Self-Assessment	tie down equipment & shelves		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	need fire extinguisher		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	need appropriate spill kits		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	need 'Carcinogen' sign on hood		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	properly label bottles		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	need HF burn kit		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	emergency speaker volume too low		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	properly store organic chemicals		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	put chemicals in trays to contain leaks		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	cover for electrical box; switch box by door remove "radioactive" sticker		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	location of emergency shower		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	trays for vacuum pumps		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	sign for safety glasses		Cairns, E.J.
215	Applied Science Pre-Tiger Self-Assessment	3' clearance for elec. panel		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	tie down equipment racks		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	label utility pipes & compressed air pipe		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	no fire extinguisher		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	flammable liquids stored under hood & other flammables not exposed to sprinkler		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	label squirt bottles & bubblers as to contents		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	fix cracked viewing shield on hood		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	shield or cover glass mixing tubes		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	indicate that red light outside door is not in service		Cairns, E.J.
217	Applied Science Pre-Tiger Self-Assessment 11/27/90	do not tie power cord to compressed air pipe		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	no first aid kit easily accessible		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	Respirators not available		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	lips needed on shelves		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	Tie down file cabinets and bookcases		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	Maintenance procedure for fluid, air and fuel lines		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment 11/9/90	no first aid kit easily accessible		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment 11/9/90	respirators not available		Cairns, E.J.
218	Applied Science Pre-Tiger, EC Self-Assessment 11/20/90	acids & bases stored together - gallon solvent bottles not in special flammables cabinet		Cairns, E.J.
218	Applied Science Pre-Tiger, EC Self-Assessment 11/20/90	no spill kits for acids, bases, solvents		Cairns, E.J.
218	Applied Science Pre-Tiger, EC Self-Assessment 11/20/90	no sign above one drain/sink		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	seismic restraint for racks		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	repair cracked viewing shield on hood		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	put chemicals in trays to contain possible leaks		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	proper storage of flammable solvents		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	proper storage of sodium metal		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	seismic restraint for cacles		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	put chemicals in trays to contain possible leaks		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	proper storage of sodium metal		Cairns, E.J.
218	Applied Science Pre-Tiger Self-Assessment	use flame-resistant tubing for torch		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
220	Applied Science Pre-Tiger Self-Assessment 11/26/90	ordered Hazardous Spill Kit		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/26/90	need curtains to reduce mild UV exposure		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	put chemical containers in trays; need proper storage		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	put flammable solvents in storage cabinet		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	need suitable spill kits		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	seismic tie-down for items in upper shelves		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	is hood with vertical doors considered a functional hood?		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	put cap on unused gas tanks		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	relocate or protect unused utility pipes in middle of room		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment 11/27/90	phone company should re-route phone lines		Cairns, E.J.
220	Applied Science Pre-Tiger Self-Assessment	hazardous spill kit needed (ordered)		Cairns, E.J.
222	Applied Science Pre-Tiger Self-Assessment 11/12/90	secure file cabinets		Cairns, E.J.
222	Applied Science Pre-Tiger Self-Assessment 11/12/90	hplc equipment		Cairns, E.J.
223	Applied Science Pre-Tiger Self-Assessment 11/19/90	noisy exhaust hood		Cairns, E.J.
223	Applied Science Pre-Tiger Self-Assessment 11/19/90	no GFI on outlets near sink		Cairns, E.J.
223	Applied Science Pre-Tiger Self-Assessment 11/19/90	circuit breakers not labeled		Cairns, E.J.
223	Applied Science Pre-Tiger Self-Assessment 11/19/90	no lock outs on unused breakers		Cairns, E.J.
223	Applied Science Pre-Tiger Self-Assessment	"no smoking" sign for hydrogen		Cairns, E.J.
225	Nuclear Science Safety/Environment 11-26-90	Computer not anchored		
226	Applied Science Pre-Tiger Self-Assessment 11/27/90	insufficient clearance for electrical panels (3 ft minimum)		Cairns, E.J.
226	Applied Science Pre-Tiger Self-Assessment 11/27/90	tie-down rack and put in restraint for shelves; secure heavy equipment		Cairns, E.J.
226	Applied Science Pre-Tiger Self-Assessment 11/27/90	use flame resistant tubing for torch		Cairns, E.J.
227	Nuclear Science Safety/Environment 11-26-90	Computers not anchored		
228	Nuclear Science Safety/Environment 11-26-90	OK		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
229	Nuclear Science Safety/Environment 11-26-90	Computer not anchored		
231	Nuclear Science Safety/Environment 10-8-90	Illegal ?	Removed	
231	Nuclear Science Safety/Environment 11-26-90	Top shelf books not secured		
231	Nuclear Science Safety/Environment 11-26-90	Computers not secured		
233	Nuclear Science Safety/Environment 11-26-90	Unsecured wooden bookshelf		
233	Nuclear Science Safety/Environment 11-26-90	Storage on top of cabinet by door		
233	Nuclear Science Safety/Environment 11-26-90	Unacceptable red desk lamp (plug illegal)		
233	Nuclear Science Safety/Environment 11-26-90	Unauthorized electric heater		
234	Nuclear Science Safety/Environment 10-8-90	Book cases to wall	Done	
234	Nuclear Science Safety/Environment 11-26-90	Office supplies on floor		
234	Nuclear Science Safety/Environment 11-26-90	GFI plugs in kitchen area		
236	Nuclear Science Safety/Environment 11-26-90	Unsecured computer		
236	Nuclear Science Safety/Environment 11-26-90	Remove items from top of bookshelves		
236	Nuclear Science Safety/Environment 11-26-90	Daisy chained extension cords (not ok)		
236	Nuclear Science Safety/Environment 11-26-90	Unsecured bookcases		
236	Nuclear Science Safety/Environment 11-26-90	Unsecured computers		
236	Nuclear Science Safety/Environment 11-26-90	Office supplies on floor		
237	Nuclear Science Safety/Environment 11-26-90	Remove items from top book shelf by door		
237	Nuclear Science Safety/Environment 11-26-90	Computer not secured		
237	Nuclear Science Safety/Environment 11-26-90	Chalk board never cleaned - chalk dust everywhere		
238	Nuclear Science Safety/Environment 10-8-90	Book cases to wall	Done	
238	Nuclear Science Safety/Environment 11-26-90	Computer unsecured, unsecured LAT		
238	Nuclear Science Safety/Environment 11-26-90	Retain items in top bookshelf		
239	Nuclear Science Safety/Environment 11-26-90	Remove metal file holders from top of book shelves		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
239	Nuclear Science Safety/Environment 11-26-90	Secure materials on top two shelves		
240	Nuclear Science Safety/Environment 10-8-90	Book cases to wall	Done	
240	Nuclear Science Safety/Environment 11-26-90	Unsecured computers		
240	Nuclear Science Safety/Environment 11-26-90	Terminal storage		
240	Nuclear Science Safety/Environment 11-26-90	Items on top shelves of cabinets		
240	Nuclear Science Safety/Environment 11-26-90	General housekeeping		
241	Nuclear Science Safety/Environment 10-8-90	Heavy items on book cases	Removed	
241	Nuclear Science Safety/Environment 11-26-90	Remove clutter over door number		
241	Nuclear Science Safety/Environment 11-26-90	Secure computers		
241	Nuclear Science Safety/Environment 11-26-90	Remove items from top shelf		
241	Nuclear Science Safety/Environment 11-26-90	Terminal storage		
242	Nuclear Science Safety/Environment 11-26-90	Terminal storage		
242	Nuclear Science Safety/Environment 11-26-90	Unsecured computers		
242	Nuclear Science Safety/Environment 11-26-90	Light housekeeping		
243	Nuclear Science Safety/Environment 11-26-90	OK		
244	Nuclear Science Safety/Environment 10-8-90	Book cases to wall	Done	
244	Nuclear Science Safety/Environment 11-26-90	Computer not secured		
244	Nuclear Science Safety/Environment 11-26-90	Clutter on top of bookshelves is unsecured		
245	Nuclear Science Safety/Environment 10-8-90	Book cases to wall	Done	
245	Nuclear Science Safety/Environment 11-26-90	Computer not secured		
249	Applied Science Pre-Tiger Self-Assessment 11/26/90	need proper sign for UV source		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment 11/27/90	sign for fire extinguisher, update inspection		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment 11/27/90	provide 3 ft clearance for electrical panel		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment 11/27/90	post sinks with 'No Hazardous Waste Disposal' signs		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
249	Applied Science Pre-Tiger Self-Assessment 11/27/90	properly label & store chemicals		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment 11/27/90	replace illegal plug strip (grey box)		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment 11/27/90	put tray under vacuum pump to catch pump oil leaks		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment	need proper sign for UV source		Cairns, E.J.
249	Applied Science Pre-Tiger Self-Assessment	need curtains to reduce mild UV exposures		Cairns, E.J.
253	Nuclear Science Electrical May 30, 1990	File cabinet not secured	In process of securing all cabinets	
253	Nuclear Science Safety/Environmen t 10/26/90	Mezzanine storage and hood duet	our group does not use this area, please contact Lee Schroeder. There is no hood in this room.	
253	Nuclear Science Safety/Environmen t 11-26-90	Open filing cabinets marginally block door		
253	Nuclear Science Safety/Environmen t 11-26-90	Improper storage above 253A (serious earthquake hazard)		
253	Nuclear Science Safety/Environmen t 11-26-90	Radio plugged in via wires only		
253	Nuclear Science Safety/Environmen t 11-26-90	? storage in 253A		
253A	Nuclear Science Safety/Environmen t 11-26-90	Open filing cabinets marginally block door		
253A	Nuclear Science Safety/Environmen t 11-26-90	Improper storage above 253A (serious earthquake hazard)		
253A	Nuclear Science Safety/Environmen t 11-26-90	Radio plugged in via wires only		
253A	Nuclear Science Safety/Environmen t 11-26-90	? storage in 253A		
257	Nuclear Science Safety/Environmen t 11-26-90	Excessive paper storage		
257A	Nuclear Science Safety/Environmen t 11-26-90	Unsecured computer		
257B	Nuclear Science Safety/Environmen t 11-26-90	Solder iron (unused) left plugged in		
257C	Nuclear Science Safety/Environmen t 11-26-90	Unsecured computer		
258	Applied Science Pre-Tiger Self-Assessment 11/12/90	Missing flueves, tubes		Cairns, E.J.
258	Applied Science Pre-Tiger Self-Assessment 11/12/90	Improve storage		Cairns, E.J.
258,284B	Applied Science Pre-Tiger Self-Assessment 11/12/90	Lips for shelves		Cairns, E.J.
280,284, 284B	Applied Science Pre-Tiger Self-Assessment 11/12/90	Self-closing mech. for door		Cairns, E.J.
283	Engineering SAH Self Inspection 11/13/90	Upgrade fire extinguisher		
283	Engineering SAH Self Inspection 11/13/90	Update crane-		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
263	Engineering S&H Self Inspection 11/13/90	Fire material under sink	Remove fire material from under sink	
263	Engineering S&H Self Inspection 11/13/90	Label water line		
263	Engineering S&H Self Inspection 11/13/90	Secure drawers in high files		
263	Engineering S&H Self Inspection 11/13/90	Lip on upper shelves		
263	Engineering S&H Self Inspection 11/13/90	Remove boxes or secure		
263	Engineering S&H Self Inspection 11/13/90	Padding on ladder		
263	Engineering S&H Self Inspection 11/13/90	All three circuit breaker boxes need up-to-date schedules (none now)		
263	Engineering S&H Self Inspection 11/13/90	Remove wires attached to cover.		
263	Engineering S&H Self Inspection 11/13/90	Metal back on ac plugs		
263	Engineering S&H Self Inspection 11/13/90	Remove power reel on ceiling		
263	Engineering S&H Self Inspection 11/13/90	Remove unused crane		
263	Engineering S&H Self Inspection 11/9/90	Workbenches cluttered	Unclutter workbenches	
263	Engineering S&H Self Inspection 11/9/90	Stacking boxes on shelves	Remove boxes from shelves	
263	Engineering S&H Self Inspection 11/9/90	Hall locker #C290A used for storage of spray cans of paint & misc. thinners/solvents/lubricants-not proper locker-not labeled etc.	Replace locker	
263	Engineering S&H Self Inspection 11/9/90	No MSDS	Obtain MSDS	
263A	Engineering S&H Self Inspection 11/13/90	Class A under table bench	Remove class "A" from under table bench	
263A	Engineering S&H Self Inspection 11/13/90	Make switch portable outlet box. Remove by hand (no tool regs.)		
263B	Engineering S&H Self Inspection 11/13/90	Fire extinguisher update		
263B	Engineering S&H Self Inspection 11/13/90	Secure wood shelves better		
263B	Engineering S&H Self Inspection 11/13/90	Fire material under desk		
263B	Engineering S&H Self Inspection 11/13/90	Clean-up		
263B	Engineering S&H Self Inspection 11/13/90	Paint wall		
263B	Engineering S&H Self Inspection 11/13/90	Lip on shelves		
263B	Engineering S&H Self Inspection 11/13/90	Hanging bolts from ceiling		
263C	Engineering S&H Self Inspection 11/13/90	Fire material under desk		
263C	Engineering S&H Self Inspection 11/13/90	Clean-up		
264	Applied Science Pre-Tiger Self-Assessment 11/12/90	Equipment stored in loft		Cairns, E.J.
264	Applied Science Pre-Tiger Self-Assessment	tie-down air hood		Cairns, E.J.
264	Applied Science Pre-Tiger Self-Assessment	GFI for still		Cairns, E.J.
264	Applied Science Pre-Tiger Self-Assessment	better housekeeping around A spectrometer		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
284	Applied Science Pre-Tiger Self-Assessment	need 3 ft access to electrical panel		Cairns, E.J.
284A	Applied Science Pre-Tiger Self-Assessment 11/12/90	Outlet box out of position		Cairns, E.J.
284A	Applied Science Pre-Tiger Self-Assessment	remove display panel on top of shelves		Cairns, E.J.
284A	Applied Science Pre-Tiger Self-Assessment	chemicals should be stored in trays		Cairns, E.J.
284A	Applied Science Pre-Tiger Self-Assessment	label solutions		Cairns, E.J.
284A	Applied Science Pre-Tiger Self-Assessment	eliminate 2 prong cord for refrigerator		Cairns, E.J.
284A	Applied Science Pre-Tiger Self-Assessment	tie down equipment		Cairns, E.J.
284A, 222	Applied Science Pre-Tiger Self-Assessment 11/12/90	Extension cord		Cairns, E.J.
284A, 284 B	Applied Science Pre-Tiger Self-Assessment 11/12/90	panel access		Cairns, E.J.
284C	Applied Science Pre-Tiger Self-Assessment	gas cylinders not tied down		Cairns, E.J.
284C	Applied Science Pre-Tiger Self-Assessment	no access		Cairns, E.J.
284C	Applied Science Pre-Tiger Self-Assessment	lights don't work		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	need fire extinguisher		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	painters left tape on one of sprinkler heads		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	emergency speaker doesn't work		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	tie down equipment racks & storage cabinets		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	move printer away from electrical panel		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	label/cover drain on floor		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	plug hole in wall		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	cords on floor are potential trip hazard		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	provide better storage for unused fluorescent tubes in corner		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment	label pipes & lines on wall		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment 11/9/90	sprinkler head		Cairns, E.J.
288	Applied Science Pre-Tiger Self-Assessment 11/9/90	'permanent' use of extension cords; eliminate daisy chain on Raman system		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
289	Applied Science Pre-Tiger Self-Assessment 11/9/90	obstructions near circuit breakers		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/9/90	high voltage signs		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/9/90	move covered material		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/9/90	clean up bench tops		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	provide 3 ft clearance for electrical panel - move refrigerator		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	3 ft clearance - move gas cylinders		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	tie-down lead block under balance		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	put chemicals in trays to contain possible leaks (many items)		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	label chemicals - many items; label mercury in hood, label organic waste, label used pump oil, etc.		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	properly store flammable solvents		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	tray for vacuum pump		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	replace frayed cords & improper plugs		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	get locking wheels for high pressure cart		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	post 'No Hazardous Waste Disposal' by sinks		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	improve housekeeping		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	painters left tape on sprinkler		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	proper restraint for gas cylinders		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	'No Smoking' sign for hydrogen		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	tie-down microwave		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	label B & L light source as UV hazard		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	flammable material under benches		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	file OSP for hazardous gases		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	operation manuals/ procedures for instruments		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/28/90	upgrade interlocks for laser		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
269	Applied Science Pre-Tiger Self-Assessment 11/28/90	improper storage of chemicals: peroxide & ether together in refrigerator		Cairns, E.J.
269	Applied Science Pre-Tiger Self-Assessment 11/28/90	restrain chemical solutions on IC		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	hazard communication training		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	fire fighting class		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	safety training for visitors		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	hazard communication training		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	'no smoking' signs		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	training for visitors		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	separate toxic gases		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	training for visitors		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	GFI's (LBL-wide problem)		Cairns, E.J.
269 & 274	Applied Science Pre-Tiger Self-Assessment 11/9/90	prepare maintenance procedures		Cairns, E.J.
269/274	Applied Science Pre-Tiger, EC Self-Assessment 11/23/90	chemical storage correction		Cairns, E.J.
269/274	Applied Science Pre-Tiger, EC Self-Assessment 11/23/90	not all sinks have signs		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	use of hazardous chemicals is greatest potential hazard <u>NOTE: This & the following 11 descriptions are comments, not hazards.</u>		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	all workers are staff or participating guests		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	all workers are staff or participating guests		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	do one-on-one training until they demonstrate capability to operate equipment		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	all workers have attended hazard communication training		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	expts do not overload facilities		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	in the process of documenting start-up/shut-down procedures for equipment		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	will provide training to all workers once procedures are standardized		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	chemical spill is most likely accident - response would be clean up spill. I am aware of emergency exit route		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	interlocks for laser are functional		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	most equipment does not need calibration		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	we have equipment tags & staff keep lab notebooks		Cairns, E.J.
269,274	Applied Science Pre-Tiger Self-Assessment 11/29/90	laser requires an OSP - has been filed Use of hazardous gases requires an OSP - is being prepared		Cairns, E.J.
270	Nuclear Science Safety/Environmen t 11-14-90	Remove glass apparatus		
270	Nuclear Science Safety/Environmen t 11-14-90	Dispose of Mercury		
270	Nuclear Science Safety/Environmen t 11-14-90	Dispose of or store Gas containers		
270	Nuclear Science Safety/Environmen t 11-14-90	Label Gas, water,VAC Valves and Pipes		
270	Nuclear Science Safety/Environmen t 11-14-90	Secure plumbing extending through floor		
270	Nuclear Science Safety/Environmen t 11-14-90	Label AC outlets Re: Circuit Breakers Loc.		
270	Nuclear Science Safety/Environmen t 11-14-90	GFI on AC outlet near sinks		
270	Nuclear Science Safety/Environmen t 11-14-90	Earthquake cabinets and file cabinet		
270	Nuclear Science Safety/Environmen t 11-14-90	Remove Mirror		
270	Nuclear Science Safety/Environmen t 11-14-90	Store/Dispose of Chemicals		
270	Nuclear Science Safety/Environmen t 11-14-90	Fix door closer		
270	Nuclear Science Safety/Environmen t 11-14-90	Post exit and no exit signs		
270	Nuclear Science Safety/Environmen t 11-14-90	Secure exposed wiring		
270	Nuclear Science Safety/Environmen t 11-14-90	Secure unused plumbing hanging in room		
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	visitor training		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	re-locate vacuum pump		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	re-locate vacuum pump		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	secure lid on spray dryer		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	secure EPR spectrometer		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	clear aisle by FTIR spectrometer		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	modifications to spray dryer		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
274	Applied Science Pre-Tiger Self-Assessment 11/9/90	receptacle for broken glass, etc.		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	tie-down table		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	need "No Smoking" sign for hydrogen		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	restrain LN (drawer?)		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	trays for vacuum pumps		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	put chemicals in trays to contain possible leaks		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	replace frayed cords & improper plugs		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	post "No Hazardous Waste Disposal" by sinks		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	improve housekeeping		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	label chemicals & solutions (many items)		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	remove lead brick & tie-down analyzers		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	restrain spray system		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	proper disposal of unnecessary chemicals		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	4 liter erlenmeyer flask - trip hazard		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	cluttered walkway to 206		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	poor access by hood (move gas cylinders)		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	move hot air pipe for spray system		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	move spray dryer away from hood		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	tie-down ESR		Cairns, E.J.
274	Applied Science Pre-Tiger Self-Assessment 11/28/90	label FTIR cooling water circulators		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment	seismic tie-down for file cabinet and printer on top of it		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment	secure or restrain items on shelves where doors won't close		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment	secure vavian pump control unit		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment	replace old plug strips in back of analyzer rack		Cairns, E.J.

BUILDING: 70

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
275	Applied Science Pre-Tiger Self-Assessment	label samples and squirt bottles		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment	Printer paper should be where it can be wet by sprinkler; Consultation with fire marshall needed		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	OSHA poster		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	PI should see radiation safety video		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	no local first aid kits		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	fire extinguisher training lacking		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	general cleanup needed		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	general cleanup needed		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	general cleanup needed		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	exit signs in rooms?		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	cleanup around fire extinguisher		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	list of hazardous substances incomplete		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	no GFI on circuits near unused sinks		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	need better circuit breaker labeling		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	unused equipment storage		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	unused equipment storage		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	unused equipment storage		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	modifications to equipment unknown		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	circuit breaker function/labeling unclear		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment 11/9/90	circuit breaker function/labeling unclear		Cairns, E.J.
278	Applied Science Pre-Tiger, EC Self-Assessment	update personnel training on radioactive sources		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment	improve housekeeping		Cairns, E.J.
278	Applied Science Pre-Tiger Self-Assessment	label electric box & switches		Cairns, E.J.
278,286	Applied Science Pre-Tiger Self-Assessment	label utility pipes		Cairns, E.J.

BUILDING: 70

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
279	ESD OSHA 11/9/90	correct electrical safety hazards		
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	Place copy of PUB 3000 in this room		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	fire extinguisher training		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	exit signs in individual rooms		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	open pulley		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	hazardous substance identification		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	hardwire bench outlets		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	no GFI on circuits near unused sinks		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	circuit labels not clear		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	unused equipment storage		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	housekeeping		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	hardware modifications unknown		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment 11/9/90	circuit breaker connections unknown		Cairns, E.J.
286	Applied Science Pre-Tiger, EC Self-Assessment	update personnel training on radioactive sources		Cairns, E.J.
286	Applied Science Pre-Tiger, EC Self-Assessment	update personnel training on radioactive sources		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment	label electrical box as to function		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment	suitable access for elec. box?		Cairns, E.J.
286	Applied Science Pre-Tiger Self-Assessment	tubing too close to sprinkler		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/19/90	may be inadequate clearance below sprinkler head		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/19/90	belt guard needed on blower		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/19/90	several pieces of mounted equip have extension cords for power supply		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/19/90	no GFI on outlets near sink		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment 11/19/90	equipment rack needs to be secured		Cairns, E.J.
289	Applied Science Pre-Tiger Self-Assessment	sprinkler coverage insufficient		Cairns, E.J.

BUILDING: 70

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
289	Applied Science Pre-Tiger Self-Assessment	seismic tie-down		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	labels - will remove source		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	11/21/90 chemical storage		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	11/21/90 spill education		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	11/21/90 acid spill kit		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	11/21/90 documentation of training		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	11/21/90 documentation of training		Cairns, E.J.
291	Applied Science Pre-Tiger, EC Self-Assessment	11/21/90 radioactive training		Cairns, E.J.
291	Applied Science Pre-Tiger Self-Assessment	tray to retain vacuum pump leaks		Cairns, E.J.
291	Applied Science Pre-Tiger Self-Assessment	is gas storage in hood acceptable		Cairns, E.J.
291	Applied Science Pre-Tiger Self-Assessment	put liquids in hood in trays		Cairns, E.J.
291	Applied Science Pre-Tiger Self-Assessment	seismic support for optical table		Cairns, E.J.
291	Applied Science Pre-Tiger Self-Assessment	electrical cables and wiring problems		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 none given		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 none given		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 hazardous training		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 first aid kit		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 fire extinguisher training		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 cleanup, general		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 cleanup, scrap & waste		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 clear walkways		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 training, machines		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 safety training		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment	11/9/90 training		Cairns, E.J.

BUILDING: 70

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	storage of flammables		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	training, hazardous wastes		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	flammable storage box needed		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	acid spill kit		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	toxic gas storage		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	training, hazardous wastes		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	power cords		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	identify breakers		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	HU signs		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	housekeeping		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	housekeeping		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	new safety eyewear		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	laser eye exams		Cairns, E.J.
291-293	Applied Science Pre-Tiger Self-Assessment 11/9/90	OSP for new laser		Cairns, E.J.
296	Applied Science Pre-Tiger Self-Assessment	tie down bookshelves & file cabinets		Cairns, E.J.
296	Applied Science Pre-Tiger Self-Assessment	provide 3 ft clearance for electrical panels		Cairns, E.J.
296	Applied Science Pre-Tiger Self-Assessment	put chemicals in trays to contain possible leaks		Cairns, E.J.
296	Applied Science Pre-Tiger Self-Assessment	designate non-lab areas where food can be consumed		Cairns, E.J.
296	Applied Science Pre-Tiger Self-Assessment	provide 3' clearance for electrical panel		Cairns, E.J.
296	Applied Science Pre-Tiger Self-Assessment	designate non-lab areas where food can be consumed		Cairns, E.J.
296,299	Applied Science Pre-Tiger Self-Assessment	tie down bookshelves/file cabinets		Cairns, E.J.
296,299	Applied Science Pre-Tiger Self-Assessment	put chemicals in trays to contain possible leaks		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	MSDS info. not available		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Workers not trained on		Cairns, E.J.

BUILDING: 70

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
299	Applied Science Pre-Tiger Self-Assessment	No first aid kit		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Employees not trained in fire extg. use		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Worksites not clean and orderly		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Work surfaces not kept dry		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Exits not marked		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Hazard Communication not given		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Proper storage to minimize combustion		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Employees not trained in haz. chemicals		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Means for neutralizing KOH not available		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Respirators not available		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Employees not familiar with TLV		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	No list of hazardous substances		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Improper use of extension cords		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Electrometer 3rd prong missing		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Clamps not provided		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Furniture in bad repair		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Unused equipment not stored		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Furniture, equipment not tied down		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Heavy objects unsecured		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	No maintenance procedures		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	Temporary setups approval		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	tie down bookshelves & file cabinets		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	put chemicals in trays to contain possible leaks		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	label chemicals		Cairns, E.J.

BUILDING: 70

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
299	Applied Science Pre-Tiger Self-Assessment	label utility pipes		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	proper storage of flammable solvents		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	label chemicals		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	label utility pipes		Cairns, E.J.
299	Applied Science Pre-Tiger Self-Assessment	proper storage of flammable solvents		Cairns, E.J.
301	Nuclear Science Safety/Environmen t 11-26-90	Unsecured computers		
301	Nuclear Science Safety/Environmen t 11-26-90	Remove items from top of bookshelf		
302	Nuclear Science Safety/Environmen t 11-26-90	Remove unused bookcase		
302	Nuclear Science Safety/Environmen t 11-26-90	Unsecured computers		
302	Nuclear Science Safety/Environmen t 11-26-90	Move items to lower shelves		
302	Nuclear Science Safety/Environmen t 11-26-90	Remove hot plate		
303	Nuclear Science Safety/Environmen t 11-26-90	Vents need cleaning		
303	Nuclear Science Safety/Environmen t 11-26-90	Unsecured computers		
304	Nuclear Science Safety/Environmen t 11-26-90	Door illegally blocked open		
304	Nuclear Science Safety/Environmen t 11-26-90	Unsecured computers		
304	Nuclear Science Safety/Environmen t 11-26-90	Remove items from top of filing cabinets		
304	Nuclear Science Safety/Environmen t 11-26-90	Illegal extension cord (orange)		
304	Nuclear Science Safety/Environmen t 11-26-90	Empty or secure top shelves		
305	Nuclear Science Safety/Environmen t 11-26-90	Computer unsecured		
305	Nuclear Science Safety/Environmen t 11-26-90	Clutter on top shelves		
307	Nuclear Science Safety/Environmen t 11-26-90	General excessive storage		
307	Nuclear Science Safety/Environmen t 11-26-90	Secure computers		
307	Nuclear Science Safety/Environmen t 11-26-90	Illegal extension cord		
307	Nuclear Science Safety/Environmen t 11-26-90	Lead bricks as door stops (not taped)		

BUILDING: 70

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
307	Nuclear Science Safety/Environment 11-26-90	Door blocked open illegally		
308	Nuclear Science Safety/Environment 11-26-90	Unsecured bookcase		
308	Nuclear Science Safety/Environment 11-26-90	Unsecured computer		
310	Nuclear Science Safety/Environment 11-26-90	No door closer		
310	Nuclear Science Safety/Environment 11-26-90	Illegal electric heater		
310	Nuclear Science Safety/Environment 11-26-90	Unsecured computer		
311	Nuclear Science Safety/Environment 11-26-90	Heavy items on shelves behind desk		
311	Nuclear Science Safety/Environment 11-26-90	Excessive paper storage in corner		
313	Nuclear Science Safety/Environment 11-26-90	General stacked paper clutter		
313	Nuclear Science Safety/Environment 11-26-90	Unsecured computers		
313	Nuclear Science Safety/Environment 11-26-90	Computer tapes on shelves		
314	Nuclear Science Safety/Environment 11-26-90	General clutter		
314	Nuclear Science Safety/Environment 11-26-90	Unsecured top shelf items		
314	Nuclear Science Safety/Environment 11-26-90	Clutter on filing		
314	Nuclear Science Safety/Environment 11-26-90	Computers unsecured		
316	Nuclear Science Safety/Environment 11-26-90	Items on top of book shelf (? to counter)		
316	Nuclear Science Safety/Environment 11-26-90	General clutter		
319	Nuclear Science	Illegal electric heater (by Cathy's desk)		
319	Nuclear Science Safety/Environment 11-26-90	Clean vents		
319	Nuclear Science Safety/Environment 11-26-90	Hole in fire ceiling		
319	Nuclear Science Safety/Environment 11-26-90	Remove or fix broken chair		
319	Nuclear Science Safety/Environment 11-26-90	Secure computers		
319	Nuclear Science Safety/Environment 11-26-90	Frayed extension cord		
chem storage room, 2nd Fl	Applied Science Pre-Tiger, EC Self-Assessment 11/26/90	flammable solvents from 70-138 must be stored in a tray to isolate from other chemicals		Cairns, E.J.
Entire bldg.	Engineering SAH Self Inspection 11/13/90	Stairways not color coded	Color coded stairways	

BUILDING: 70

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Gen	Nuclear Science Safety/Environmen t 11-26-90	Door closers on first floor		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Wall switch (between 223 & 225) cover plate missing		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Smoke alarms checked? (no record)		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Label door to stairwell		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Storage in stairwell (may be ok)		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Printers and papers in hallway next to 315 and 319		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Freestanding coat rack?		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Clean ? of dust and debris		
Hall	Engineering SAH Self Inspection 11/13/90	Open panels in ceiling		
hallway	Engineering SAH Self Inspection 11/13/90	Label all pipes		
hallway	Engineering SAH Self Inspection 11/13/90	MSDS		
Near 263	Engineering SAH Self Inspection 11/13/90	Fire extinguisher outdated	Replace fire extinguisher	
none	Administration Fire Inspection 7/23/90	Exit Blocked: Clear doorways & isleways	Bldg Mgr is to have transportation more the cold storage box	
none	Administration Fire Inspection 7/23/90	Rooms are to be properly numbered	Job Tag 782801 - Acct. 3705-12	
none	Administration Fire Inspection 7/23/90	Replace Ceiling tiles in several rooms	Job tag 782801 - acct # 3705-11	
None	Administration Fire Inspection 7/23/90	Install side deflectors on hallway lockers	assigned to sheet metal	
None	Administration Fire Inspection 7/23/90	Reconnect self closing spring on cabinet	reconnect	
None	Administration Fire Inspection 7/23/90	Remove material under stairs for reassessment by R. Valentine	remove	
none	Administration Fire	(no description provided)	R. Valentine to respond	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Transfer Bank #30 and #70 - No oil containment - Pine needles covering station - Transformer not properly marked - No high voltage sign on fence - No handrail NE corner - Entry to station from steps is difficult	Provide oil containment - Provide housekeeping - Properly mark all transformers - Install signs - Provide handrail - Repair entry from step-handrail	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	There are no high voltage warning signs posted at substation.	Post proper warning signs on gate of substation.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No oil containment.	Install containment berm.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No high voltage signs on gate, fence, ADF-1-70, ADF-2-70 or OD-1-70.	Post approved high-voltage warning signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No handrail at NE corner.	Install a handrail.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Access to substation gate inadequate.	Construct an approved walkway to the substation.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	The elevator shaft, EL-01-70A has been affected by various alterations to bldg. HVAC and is now under negative pressure. The vacuum creates safety & fire hazard.	Complete the ongoing engineering evaluation & modify shaft air intake to insure that positive pressure is maintained.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bk 30 & 70 not labeled.	Install an Equipment Number Label.	

BUILDING: 70

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Main entrance stair has settled	FY91 Non-cap project will rehab	

BUILDING: 70/66/62/78

none	INSTITUTIONAL Plant Ops-Self 11/30/90	Fire protection sprinkler heads inside fume hoods are corroded with deposits. Fusible link reliability is suspect.	Replace damaged sprinkler heads & initiate a regular (monthly) inspection & replacement of necessary units.	

BUILDING: 70/75

	EPH&S Self Assessment 11/21/90	No written procedures or QA plan exists for meteorology @ LBL nor has wind rose or tabulating software been completed for the existing devices.	Write plan and software	Schleimer, G.

BUILDING: 70/78/66/62/74/2/55

none	INSTITUTIONAL Plant Ops-Self 12/6/90	Roof access is not controlled in bldg with fume hoods, exhausting exotic & toxic gasses or fumes. Personnel working on roof may be exposed to serious injury or illness.	Develop a procedure to provide physical & administrative actions which will render roof safe for workers.	

BUILDING: 70A

183	INSTITUTIONAL PE/Kaiser 1 11/28/90	There are no emergency lights observable and staff did not know if present system has been tested.	Emergency lights should be tested on a monthly basis.	
183	INSTITUTIONAL PE/Kaiser 1 11/28/90	Tank WH-2-70 is not seismically secured.	Hot water tanks should be secured to prevent accidental displacement.	
183	INSTITUTIONAL PE/Kaiser 1 11/26/90	"Exit doors are not labelled properly for "exit" or "not an exit."	"Label exit doors and post "not an exit" on unsuitable egress."	
183A	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Fan access has sprinkler head 3" from 200 W light bulb and both are exposed to contact."	Move the light or sprinkler to avoid heat from setting sprinkler off. Cage sprinkler head to protect from contact.	
183B ext.	INSTITUTIONAL PE/Kaiser 1 11/28/90	Metal shelves with approx. 300 gallons of flammable liquids are stored in front of the only suitable exit from this area.	Move flammable storage area away from front of only exit.	
2203	ESD LBL Electrical 9/20/89	side door is blocked		
2203	ESD LBL Electrical 9/20/89	door should have "not an exit" sign		
2203	ESD LBL Electrical 10/6/89	electrical panel without clearance		
2203	ESD OSHA 11/8/90	no first aid kit in lab		
2203	ESD OSHA 11/8/90	no neutralizing chemicals for acid spills		
2203	ESD OSHA 11/8/90	boil cabinet & benches		
2203	ESD OSHA 11/8/90	fume hood lacks sprinkler		
2203	ESD bldg inspection 11/21/90	glass drain pipes directly overhead next to door		
2203	ESD bldg inspection 11/21/90	ICP instrument needs proper exhaust		
2203	ESD bldg inspection 11/21/90	move LCW supply to opposite wall		
2206	Engineering LBL '90 Elec. Insp. 1/29/89	Shelves near hood not anchored.	Anchor shelves against toppling in earthquake.	E. Vorontin
2206	Engineering LBL '90 Elec. Insp. 1/29/89	Extension cord in wireway feeding extension cords.	Eliminate multiple extension cords.	E. Vorontin
2206	Engineering LBL '90 Elec. Insp. 1/29/89	5KVA distribution transformer sitting on floor, not properly installed.	Arrange for proper installation of transformer.	E. Vorontin
2206	Engineering Environmental Self Inspection 11/16/90	Ethidium bromide in undated plastic container	Properly label container	
2206	Engineering Environmental Self Inspection 11/16/90	Flammables improperly stored	Properly store flammables	
2206	Engineering Environmental Self Inspection 11/16/90	Unlabeled secondary containers	Label secondary containers with contents	
2206	Engineering Environmental Self Inspection 11/16/90	X-ray generators need labels	Label x-ray generators properly	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2205	Engineering Environmental Self Inspection 11/16/90	X-ray generators need on/off switch	Provide x-ray generators with on/off switch	
2205	Engineering SAH Self Inspection 11/15/90	Door in front of 31A5A		
2205	Engineering SAH Self Inspection 11/15/90	Identify all line		
2205	Engineering SAH Self Inspection 11/15/90	Ground cable tray		
2205	Engineering SAH Self Inspection 11/15/90	Label south door		
2205	Engineering SAH Self Inspection 11/15/90	Metal shelves secure & lips	Secure shelves and put lips on shelves	
2205	Engineering SAH Self Inspection 11/15/90	Identify acid line		
2205	Engineering SAH Self Inspection 11/15/90	Remove vertical material		
2205	Engineering SAH Self Inspection 11/15/90	Green cabinet not secured	Secure green cabinet	
2205	Engineering SAH Self Inspection 11/15/90	Oven unsecured	Secure oven	
2205	Engineering SAH Self Inspection 11/15/90	Shelves SW corner need lips	Put lips on shelves on SW corner	
2205	Engineering SAH Self Inspection 11/15/90	Blue box on north w.	Remove blue box on north wall	
2205	Engineering SAH Self Inspection 11/15/90	Speakers on conduit south wall	Remove speakers on conduit south wall	
2205	Engineering SAH Self Inspection 11/15/90	Metal back on vac pump cord	Replace metal back on vac pump cord	
2205	Engineering SAH Self Inspection 11/15/90	Metal back plugs	Repair metal back plugs	
2205	Engineering SAH Self Inspection 11/15/90	Elect. strip on bench-south wall	Remove elect. strip on bench-south wall	
2205	Engineering SAH Self Inspection 11/15/90	Hole in west south wall	Repair hole in west south wall	
2205	Engineering SAH Self Inspection 11/15/90	Guard on heating vent	Put guard on heating vent	
2205	Engineering SAH Self Inspection 11/15/90	Source material cabinet		
2205	Engineering SAH Self Inspection 11/15/90	Small storage unit unsecured	Secure small storage unit	
2205	Engineering SAH Self Inspection 11/15/90	No MSDS	Obtain MSDS	
2205A	Engineering SAH Self Inspection 11/15/90	Check wall fittings (acid)		
2205A	Engineering SAH Self Inspection 11/15/90	No lips on shelves	Put lips on shelves	
2205A	Engineering SAH Self Inspection 11/15/90	No lips on shelves	Put lips on shelves	
2205A	Engineering SAH Self Inspection 11/15/90	Cabinet not secured	Secure cabinet	
2212	Engineering LBL '90 Elec. Insp. 1/29/89	Breaker panel on South wall is obstructed so that door cannot be opened.	Eliminate obstruction to breaker panel.	J. Jaklevic
2212	Engineering LBL '90 Elec. Insp. 1/29/89	Extension cords are daisy-chained from outlet below breaker panel on South wall.	Eliminate multiple extension cords.	J. Jaklevic
2212	Engineering LBL '90 Elec. Insp. 1/29/89	No access to rear of equipment racks, NEC 110-16 & 230-64.	Provide rear access to equipment racks.	J. Jaklevic
2212	Engineering LBL '90 Elec. Insp. 1/29/89	Printer unit is blocking the door of a panelboard.	Eliminate blockage.	J. Jaklevic
2212	Engineering Environmental Self Inspection 11/16/90	Flammables not stored in flammables cabinet	Provide flammables cabinet	
2212	Engineering Environmental Self Inspection 11/16/90	Plastic storage without date or ? content	Are contents properly stored, lable correctly.	

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2212	Engineering Environmental Self Inspection 11/16/90	Unlabeled, rusty hazardous waste container	Replace container and properly label	
2218	ESD			
2218	ESD OSHA 11/8/90	wall electrical recepticle needs cover plate		
2229B	Engineering SAH Self Inspection 11/13/90	Illegal female plug on timer box & loose cord grip	Replace plug and tighten cord grip	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Lead bricks on counter top	Remove lead bricks	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Remove loose power strip above counter		Yes December 6, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Cover panel missing on leak detector	Replace panel missing from leak detector	Yes December 6, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Metal back plug on leak detector	Replace metal back plug on leak detector	
2229B	Engineering SAH Self Inspection 11/13/90	Metal back plug on leak detector	Replace metal back plug on leak detector	
2229B	Engineering SAH Self Inspection 11/13/90	Storage on hood	Remove storage from hood	Yes December 6, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Cabinet glass doors need replacing	Replace cabinet glass doors	
2229B	Engineering SAH Self Inspection 11/13/90	Back door missing on gray elect. cabinet	Replace back door	Yes December 6, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Small cylinders on work bench	Remove small cylinders on work bench	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Drains in ceiling leaking	Repair leaks	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	No MSDS	Obtain MSDS	
2229B	Engineering SAH Self Inspection 11/13/90	Beryllium storage & waste not handled properly		Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Fluorescent tubes need securing	Secure fluorescent tubes. -Reported to C&M	
2229B	Engineering SAH Self Inspection 11/13/90	Pipe feed thru above door needs plugging	Plug pipe feed thru above door. -Reported to C&M	
2229B	Engineering SAH Self Inspection 11/13/90	Pipe needs asbestos warning label	Put asbestos warning label on pipe	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	No exit sign	Install exit sign	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Storage cabinet access restricted	Clear access to storage cabinet	Yes December 6, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Propane bottle improperly stored	Store propane bottle properly	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Raw material storage not contained	Contain raw material storage	Yes December 13, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Illegal hose & nozzle on nitrogen bottle	Replace hose & nozzle on nitrogen bottle	Yes December 6, 1990 M. Pollard
2229B	Engineering SAH Self Inspection 11/13/90	Emergency exit not identified, is inaccessible and illegal	Identify emergency exit, make it accessible and legal. -Reported to C&M	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2229B	Engineering S&H Self Inspection 11/13/90	Single outlet eyewash station		
2229B	Engineering S&H Self Inspection 11/13/90	Single outlet eyewash station		
2229B	Engineering S&H Self Inspection 11/13/90	Flood inspection outdated	Update flood inspection	Yes December 13, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Fire extinguisher outdated	Replace fire extinguisher	
2229B	Engineering S&H Self Inspection 11/13/90	Storage on cabinet top	Remove storage from cabinet top	Yes December 6, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Organic waste container full	Empty organic waste container	Yes December 13, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Flammables not stored in authorized locker	Store flammables in authorized locker	Yes December 6, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	No GFIC on strip near sink hood	Install GFIC on strip near sink hood. -Recommended, not required.	Yes December 6, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	No sink drain warning sticker	Put up warning sticker on sink drain	Yes December 10, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	No GFIC plugs on panel	Put GFIC plugs on panel. -Recommended, not required.	Yes December 6, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Pipes not labeled	Label pipes. -Reported to C&M	
2229B	Engineering S&H Self Inspection 11/13/90	Fire sprinkler pipes not labeled	Label fire sprinkler pipes. -Reported to C&M	
2229B	Engineering S&H Self Inspection 11/13/90	Replace glass dewar		
2229B	Engineering S&H Self Inspection 11/13/90	Inadequate hazardous material storage	Store hazardous material properly	Yes December 13, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Class 'A' material under benches	Remove class 'A' material from under benches	Yes December 13, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Clothes hangers on conduit	Remove clothes hangers on conduit	Yes December 6, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Panel 31Q5D schedule needs updating	Update schedule on panel 31Q5D. -Reported to C&M	
2229B	Engineering S&H Self Inspection 11/13/90	Metal storage should be contained	Contain metal storage	Yes December 13, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Storage on top of panel #31A5D	Remove storage on top of panel	Yes December 13, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Pencil sharpener on lead brick	Remove pencil sharpener from lead brick	Yes December 6, 1990 M. Pollard
2229B	Engineering S&H Self Inspection 11/13/90	Small gas cyls need caps		Yes December 13, 1990 M. Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Waste container full, no initial date	Properly dispose of waste, replace container and properly label	
2229B	Engineering Environmental Self Inspection 11/13/90	No flammables cabinet	This less than 10 gallons, cabinet not needed	Yes December 6, 1990 Martin Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Flammables in wall cabinet	Less than 10 gallons, cabinet not needed	Yes December 6, 1990 Martin Pollard

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2229B	Engineering Environmental Self Inspection 11/13/90	Improperly labeled container 'ACID'	Properly label container	
2229B	Engineering Environmental Self Inspection 11/13/90	Storage on top of hood	Remove storage from hood and properly store	Yes December 6, 1990 Martin Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Asbestos gloves	?	Yes December 6, 1990 Martin Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Unsecured acid vat in hood	Secure acid vat in hood	Yes December 13, 1990 Martin Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Improperly labeled waste 'beryllium'	Properly label waste - needs 'hazardous chemical' label	Yes December 10, 1990 Martin Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Plastic acid containers without date	Label plastic acid containers with date	Yes December 10, 1990 Martin Pollard
2229B	Engineering Environmental Self Inspection 11/13/90	Hood inspection out of date (8-12-86)	Get hood inspected	
2229B	Engineering Environmental Self Inspection 11/13/90	No training program, no MSDS's	Put training program into effect, get MSDS's for all chemical products	
2229C	Engineering SAH Self Inspection 11/13/90	Clean-up		Yes December 13, 1990 M. Pollard
2229C	Engineering SAH Self Inspection 11/13/90	Fire material under cabinet		Yes December 13, 1990 M. Pollard
2229D	ESD OSHA 11/13/90	material on elevated surfaces needs work		
2229D	ESD OSHA 11/13/90	furniture needs repairing		
2229D	ESD OSHA 11/13/90	bolt cabinets		
2231	ESD			
2236	Engineering SAH Self Inspection 11/13/90	Secure cabinets		
2236	Engineering SAH Self Inspection 11/13/90	Panel 31A4E needs schedule update	Get schedule update for panel 31A4E	
2236	Engineering SAH Self Inspection 11/13/90	Need breaker cover in panel 31A4E	Get breaker cover for panel 31A4E	
2236	Engineering SAH Self Inspection 11/13/90	Eyewash station needs dual outlets	Put dual outlets in eyewash station	
2236	Engineering SAH Self Inspection 11/13/90	Panel needs labeling next to shower station	Label panel next to shower station	
2236	Engineering SAH Self Inspection 11/13/90	Fire extinguisher has no tag	Put tag on fire extinguisher	
2236	Engineering SAH Self Inspection 11/13/90	Improperly wired receptacle in hood	Properly wire receptacle in hood	
2236	Engineering SAH Self Inspection 11/13/90	Storage on hood & cabinet tops	Remove storage from hood and cabinet tops	
2236	Engineering SAH Self Inspection 11/13/90	GFCI improperly wired at sink-tag 348, 2 recept.	Correct wiring at sink. -Item wired correctly	Yes November 13, 1990
2236	Engineering SAH Self Inspection 11/13/90	Spare faucet at sink not labeled	Label spare faucet at sink	
2236	Engineering SAH Self Inspection 11/13/90	Power panel access restricted on ultrasonic cleaner	Clear access to power panel on ultrasonic cleaner	
2236	Engineering SAH Self Inspection 11/13/90	Illegal elect. plug on diamond saw	Replace elect. plug on diamond saw	
2236	Engineering SAH Self Inspection 11/13/90	Restricted access to elect. panel CB-9	Clear access to elect. panel CB-9	
2236	Engineering SAH Self Inspection 11/13/90	Panel CB-9 not identified, schedule in disrepair	Identify panel CB-9 and repair schedule	

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2236	Engineering S&H Self Inspection 11/13/90	Needs shatterproof bulb in sand blaster	Put shatterproof bulb in sand blaster	
2236	Engineering S&H Self Inspection 11/13/90	Illegal heater in cabinet	Remove illegal heater in cabinet	
2236	Engineering S&H Self Inspection 11/13/90	Arbor press not secured	Secure arbor press	
2236	Engineering S&H Self Inspection 11/13/90	Frayed cords on spot welder (in blue cabinet) Tag 347	Repair cords on spot welder. Spot welder salvaged.	Yes November 13, 1990
2236	Engineering S&H Self Inspection 11/13/90	Frayed cords & 2 wire cord on small drill press, Tag#000346 (in blue cabinet)	Repair frayed cords and replace 2 wire cord on small drill press	Yes December 6, 1990 Bill Love
2236	Engineering S&H Self Inspection 11/13/90	Restricted aisle by arbor press	Clear aisle by arbor press	
2236	Engineering S&H Self Inspection 11/13/90	Illegal plug & cord on jewelers lathe Tag #000345	Replace illegal plug & cord on jewelers lathe. -Item rewired	Yes November 13, 1990
2236	Engineering S&H Self Inspection 11/13/90	Need lips on shelves		
2236	Engineering S&H Self Inspection 11/13/90	Storage on top of shelves	Remove storage from top of shelves	
2236	Engineering S&H Self Inspection 11/13/90	Restricted access to panel CB-10 (wall)	Clear access to panel CB-10	
2236	Engineering S&H Self Inspection 11/13/90	No certification on wire rope slings	Get certification on wire rope slings	
2236	Engineering S&H Self Inspection 11/13/90	Lead bricks used for support on RL fitting rack	Remove lead bricks	
2236	Engineering S&H Self Inspection 11/13/90	Glass vac dewars need replacing w/metal		
2236	Engineering S&H Self Inspection 11/13/90	Illegal air valves	Replace air valves	
2236	Engineering S&H Self Inspection 11/13/90	No point of contact guarding on saw	Put guarding on saw	
2236	Engineering S&H Self Inspection 11/13/90	Guard missing on grinder	Put guard on grinder	
2236	Engineering S&H Self Inspection 11/13/90	No numbers on any elect. panels to identify	Identify elect. panels	
2236	Engineering S&H Self Inspection 11/13/90	Restricted access to elect. panels (wall)	Clear access to elect. panels (wall)	
2236	Engineering S&H Self Inspection 11/13/90	No point of contact guarding on shears	Put guard on shears	
2236	Engineering S&H Self Inspection 11/13/90	Illegal wiring to do all band saw & lamp	Repair wiring	
2236	Engineering S&H Self Inspection 11/13/90	Press not bled off on helium bottle		
2236	Engineering S&H Self Inspection 11/13/90	Fire extinguisher pipes not labeled	Label fire extinguisher pipes	
2236	Engineering S&H Self Inspection 11/13/90	Roll away tool box not secured	Secure roll away tool box	
2236	Engineering S&H Self Inspection 11/13/90	Air valves illegal type	Replace air valves	
2236	Engineering S&H Self Inspection 11/13/90	Air needs hard plumbing on do all		
2236	Engineering S&H Self Inspection 11/13/90	Restricted walkways throughout room	Clear walkways	
2236	Engineering S&H Self Inspection 11/13/90	Metal storage could block exit	Move metal storage so it will not block exit	
2236	Engineering S&H Self Inspection 11/13/90	Cart not secured	Secure cart	
2236	Engineering S&H Self Inspection 11/13/90	Constant running annie vented to room		
2236	Engineering S&H Self Inspection 11/13/90	Helium bottle not secured properly	Secure helium bottle	
2236	Engineering S&H Self Inspection 11/13/90	Illegal plug & bad cord on glove box	Replace plug and cord on glove box	
2245	Engineering S&H Self Inspection 11/13/90	Elect. panel blocked by cabinets	Clear electrical panel of cabinets	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2245	Engineering S&H Self Inspection 11/13/90	Open hole in J box by blocked elect. panel		
2245	Engineering S&H Self Inspection 11/13/90	Lead bricks sitting out on bench top	Remove lead bricks	
2245	Engineering S&H Self Inspection 11/13/90	Illegal air nozzles throughout	Replace air nozzles	
2245	Engineering Environmental Self Inspection 11/13/90	Acids stored in flammables cabinet with flammables	Provide proper storage for acids	
2245	Engineering Environmental Self Inspection 11/13/90	Flammables cabinet too close to flame source	Move cabinet or flame source to proper distance	
2245	Engineering Environmental Self Inspection 11/13/90	Improper labels	Properly label equipment?	
2245	Engineering Environmental Self Inspection 11/13/90	Unlabeled brite dip tanks	Label brite dip tank properly	
2245	Engineering Environmental Self Inspection 11/13/90	Brite dip rinse being disposed into drain	Provide proper disposal method for brite dip rinse	
2245	Engineering Environmental Self Inspection 11/13/90	No OSP for brite dip	Write or obtain OSP for brite dip	
2245	Engineering Environmental Self Inspection 11/13/90	Vents opened on flammables cabinet	Close vents on flammables cabinet	
2245	Engineering Environmental Self Inspection 11/13/90	Flammables cabinet not grounded	Ground flammables cabinet	
2245	Engineering Environmental Self Inspection 11/13/90	Improper storage of hazardous materials on shelves	Properly storage hazardous materials	
2245	Engineering Environmental Self Inspection 11/13/90	Small helium tank in flammables cabinet	Remove tank from flammables cabinet and properly store	
2245	Engineering S&H Self Inspection 11/9/90	2 flammable storage cabinets		
2245	Engineering S&H Self Inspection 11/9/90	Hot bench - soldering near small quantities of flammables	Move hot bench from flammables	
2245	Engineering S&H Self Inspection 11/9/90	Parts cleaning pan not fixed & chains in unfixed plastic bottle, emptied into 5-gal plastic can labeled organic waste		
2245	Engineering S&H Self Inspection 11/9/90	1 gal glass bottle of nitric acid in bottom shelf of storage cabinet w/fire bricks stacked above	Remove nitric acid from bottom shelf of storage cabinet	
2245	Engineering S&H Self Inspection 11/9/90	5 gal. can of 200 proof ethanol w/ gravity feed line not well marked	mark 5 gal. can of 200 proof ethanol	
2245	Engineering S&H Self Inspection 11/9/90	Dip tanks not well marked-HNO3 & chloric acid	Mark dip tanks	
2245	Engineering S&H Self Inspection 11/9/90	Solder/dip room not marked on outside as to hazards, etc.	Mark solder/dip room on outside as to hazards	
2245	Engineering S&H Self Inspection 11/9/90	No MSDS	Obtain MSDS	
2245	Engineering Environmental Self Inspection 11/29/90	No secondary containment, no flammables storage, no chemical segregation, no warning label on door, rusting containers, outdated chemicals, carcinogens, no inventory	Clean up room and provide proper storage and containment for all chemicals. Provide labels and comply with all applicable regulations for chemical storage	
2245A	Engineering S&H Self Inspection 11/13/90	Eyewash station needs dual outlet (solder room)	Put dual outlet on eyewash station	
2245A	Engineering S&H Self Inspection 11/13/90	Eyewash station not updated (solder room)	Update eyewash station	
2245A	Engineering S&H Self Inspection 11/13/90	Metal ladder not stored properly	Store metal ladder properly	
2245A	Engineering S&H Self Inspection 11/13/90	Visitor glasses container not stored properly	Store visitor glasses container properly	
2245A	Engineering S&H Self Inspection 11/13/90	Crane construction not certified by professional engineer	Get crane construction certified by professional engineer	
2250	ESD OSHA 11/9/90	no lips on high shelves		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2253	Engineering S&H Self Inspection 11/13/90	Label plug by index - west wall		
2253	Engineering S&H Self Inspection 11/13/90	Cables thru wall back or K & E		
2253	Engineering S&H Self Inspection 11/13/90	Remove tape on air nozzle		
2253	Engineering S&H Self Inspection 11/13/90	Check air nozzle		
2253	Engineering S&H Self Inspection 11/13/90	Grinder wheel top guard 1/4 space		
2253	Engineering S&H Self Inspection 11/13/90	Grinder wheel tip guard 1/4 space		
2253	Engineering S&H Self Inspection 11/13/90	Secure grinder (Baldor)		
2253A	Engineering S&H Self Inspection 11/13/90	No safety program in effect		
2253A	Engineering S&H Self Inspection 11/13/90	MSDS not up-to-date	Get up-to-date MSDS	
2253A	Engineering S&H Self Inspection 11/13/90	Need exit signs	Install exit signs	
2253A	Engineering S&H Self Inspection 11/13/90	No digit guard on paper cutter	Put digit guard on paper cutter	
2253A	Engineering S&H Self Inspection 11/13/90	No point of contact guarding on machines	Put guarding on machines	
2253A	Engineering S&H Self Inspection 11/13/90	Label vent system shut-off, N & S walls		
2255	Engineering LBL '90 Elec. Insp. 1/29/89	Outlet on wall is not properly secured to outlet box.	Secure outlet.	Yes November 30, 1990
2255	Engineering S&H Self Inspection 11/13/90	Secure cabinets in hallway		
2255A	Engineering LBL '90 Elec. Insp. 1/29/89	Access to emergency power breaker on North wall is restricted.	Provide free access to emergency power breaker.	Yes November 30, 1990
2255C	Engineering LBL '90 Elec. Insp. 1/29/89	Daisy chained plugs that stop at drafting table.	Eliminate daisy chained power cords.	Yes November 30, 1990
2255D	Engineering S&H Self Inspection 11/13/90	Secure all cabinets		
2255D	Engineering S&H Self Inspection 11/13/90	Remove extension cord metal box		
2255D	Engineering S&H Self Inspection 11/13/90	clean-up		
2255E	ESD			
2255F	ESD			
2262	Engineering S&H Self Inspection 11/15/90	Check vent system		
2262	Engineering S&H Self Inspection 11/15/90	Holes in west wall	Repair holes in west wall	
2262	Engineering S&H Self Inspection 11/15/90	Shelves unsecured	Secure shelves	
2262	Engineering S&H Self Inspection 11/15/90	Shelves need lips	Put lips on shelves	
2262	Engineering S&H Self Inspection 11/15/90	Cabinets unsecured	Secure cabinets	
2262	Engineering S&H Self Inspection 11/15/90	Gas bottles unsecured	Secure gas bottles	
2262	Engineering S&H Self Inspection 11/15/90	Remove sample bottles		
2262	Engineering S&H Self Inspection 11/15/90	Old radiation cart	Remove radiation cart	
2262	Engineering S&H Self Inspection 11/15/90	Fire material under desk	Remove fire material under desk	
2275	ESD LBL electrical 9/20/89	hose clamped to sprinkler line		
2275	ESD bldg inspection 11/13/90	employees need EH&S training		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2275	ESD LBL electrical 10/6/89	fill in rack panels		
2275	ESD bldg. inspection 11/13/90	hood needs cleaning		
2275	ESD bldg. inspection 11/13/90	store assay's in counting room properly		
2275	ESD bldg. inspection 11/13/90	secure computer racks, cabinets & glove boxes		
2275	ESD bldg. inspection 11/13/90	employees need training for glove box use		
2275	ESD bldg. inspection 11/13/90	need proper labels on "load Center" in back of YMP box		
2275	ESD bldg. inspection 11/13/90	need GFI's on plugs near hood		
2275B	ESD			
2275C	ESD OSHA 6/21/90	need "exit"/"not an exit" signs		
3229	INSTITUTIONAL PE/Kaiser 2 11/28/90	Receptacle #3329 no cover plate near Gen. Panel.	Replace cover plate.	
3318	Engineering LBL '90 Elec. Insp. 1/29/89	4" SQ boxes wired with flex cable - should be EMT or equal.	Eliminate boxes, or provide proper wiring.	J. Walton
3318	Engineering LBL '90 Elec. Insp. 1/29/89	Coffee pot and cups on sink next to industrial water supply. Potential for using wrong water for drinking.	Provide distinctive separation of coffee service from industrial water supply.	J. Walton
3318	Engineering LBL '90 Elec. Insp. 1/29/89	Plug strip adjacent to sink. Housekeeping.	AC power receptacles near sink must be GFCI-protected. Provide 6" clearance from plug strip.	J. Walton
3318	Engineering Environmental Self Inspection 11/29/90	Flammables cabinet is not grounded and does not have auto-closing door	Have flammables cabinet grounded and provide auto-closing door	
3318	Engineering Environmental Self Inspection 11/29/90	Where does floor drain go? No secondary containment whatever, diborane storage on open shelf, no segregation of acids and flammables, no flammables storage, no door label, storage on floor, 15 gal of methylene chloride on floor, arsine storage on open shelf	Clean up room and provide proper storage and containment for all chemicals	
3318	Engineering SAH Self Inspection 12/04/90	No exit signs	Install exit signs	
3318	Engineering SAH Self Inspection 12/04/90	Insufficient clearance at elect. panel	Clear access to elect. panel	
3318	Engineering SAH Self Inspection 12/04/90	Improper chemical storage in wall cabinets	Properly store chemicals	
3318	Engineering SAH Self Inspection 12/04/90	Coolant tank improperly secured	Properly secure coolant tank	
3318	Engineering SAH Self Inspection 12/04/90	Equipment on mobile carts not secured	Secure equipment on mobile carts	
3318	Engineering SAH Self Inspection 12/04/90	Improper wiring on microswitch at suction pipe	Replace wiring on microswitch at suction pipe	
3318	Engineering SAH Self Inspection 12/04/90	Glass doors on storage shelves	Replace glass doors on storage shelves	
3318	Engineering SAH Self Inspection 12/04/90	Shelves don't have lips	Put lips on shelves	
3318	Engineering SAH Self Inspection 12/04/90	Unlabeled containers sitting on floor	Label containers on floor	
3318	Engineering SAH Self Inspection 12/04/90	Unlabeled containers in cabinets	Label containers in cabinets	
3318	Engineering SAH Self Inspection 12/04/90	Unknowns in containers throughout lab	Identify unknowns in containers throughout lab	
3318	Engineering SAH Self Inspection 12/04/90	Storage on elect. panels	Remove storage from elect. panels	
3318	Engineering SAH Self Inspection 12/04/90	Sputtering tank panels missing	Replace missing panels in sputtering tank	
3318	Engineering SAH Self Inspection 12/04/90	Improper chemical storage in flammable locker	Store chemicals properly	
3318	Engineering SAH Self Inspection 12/04/90	Flammable locker not grounded	Ground flammable locker	
3318	Engineering SAH Self Inspection 12/04/90	Storage on top of "Drifter 7" elect. cabinet	Remove storage from top of "Drifter 7" elect. cabinet	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3318	Engineering SAH Self Inspection 12/04/90	Nitrogen dewar not secured	Secure nitrogen dewar	
3318	Engineering SAH Self Inspection 12/04/90	Pipes not labeled	Label pipes	
3318	Engineering SAH Self Inspection 12/04/90	Improper containment of H2 gas bottle	Contain H2 bottle properly	
3318	Engineering SAH Self Inspection 12/04/90	File cabinet not secured	Secure file cabinet	
3318	Engineering SAH Self Inspection 12/04/90	Glass dewars	Replace glass dewars with metal	
3318	Engineering SAH Self Inspection 12/04/90	Lower shelves should have lips (behind desk)	Put lips on lower shelves behind desk	
3318	Engineering SAH Self Inspection 12/04/90	Hoods at sinks need GFICs	Install GFICs on hoods at sinks	
3318	Engineering SAH Self Inspection 12/04/90	Storage on hoods	Remove storage from hoods	
3318	Engineering SAH Self Inspection 12/04/90	Insufficient clearance at desk and shelves	Clear access to desk and shelves	
3318	Engineering SAH Self Inspection 12/04/90	Chemical storage in silicon locker	Remove chemical storage in silicon locker	
3318	Engineering SAH Self Inspection 12/04/90	Chemicals improperly stored under hood	Remove chemicals stored under hood and store properly	
3318	Engineering SAH Self Inspection 12/04/90	No list of flammables in waste container	Put list of flammables in waste container	
3318	Engineering SAH Self Inspection 12/04/90	CEPA tank needs certifying yearly	Certify CEPA tank yearly	
3318	Engineering SAH Self Inspection 12/4/90	Eye wash sign secure		
3318	Engineering SAH Self Inspection 12/4/90	Eye wash covers	Install eye wash covers	
3318	Engineering SAH Self Inspection 12/4/90	Update schedule in 31A5G		
3318	Engineering SAH Self Inspection 12/4/90	Covers for pump station E-Gun		
3318	Engineering SAH Self Inspection 12/4/90	3 ft. from 31A5G to E-Gun		
3318	Engineering SAH Self Inspection 12/4/90	Covers for Veeco pump station		
3318	Engineering SAH Self Inspection 12/4/90	Label gas fitting on right of door		
3318	Engineering SAH Self Inspection 12/4/90	Remove transformer or rewire in veeco		
3318	Engineering SAH Self Inspection 12/4/90	Secure all equipment in walkway		
3318	Engineering SAH Self Inspection 12/4/90	Remove stored material from power cabinet #7		
3318	Engineering SAH Self Inspection 12/4/90	Feed cord needs protection #7		
3318	Engineering SAH Self Inspection 12/4/90	Ground extension cord in #7		
3318	Engineering SAH Self Inspection 12/4/90	Ground flammable cabinet		
3318	Engineering SAH Self Inspection 12/4/90	Clean chemicals on bench by clean room		
3318	Engineering SAH Self Inspection 12/4/90	Old metal extension cord thru wall	Remove old metal extension cord thru wall	
3318A	Engineering SAH Self Inspection 11/15/90	Metal cords	Replace metal cords	
3318A	Engineering SAH Self Inspection 11/15/90	General clean-up		
3318A	Engineering SAH Self Inspection 11/15/90	Books on shelves unsecured	Secure books on shelves	
3318A	Engineering SAH Self Inspection 11/15/90	Books on shelves unsecured	Secure books on shelves	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3318A	Engineering S&H Self Inspection 12/04/90	No OSPs for radioactive materials	Obtain OSPs for radioactive materials	
3318A	Engineering S&H Self Inspection 12/04/90	Elect. racks inaccessible at rear	Clear access to elect. racks at rear	
3318A	Engineering S&H Self Inspection 12/04/90	Rolling carts not secured	Secure rolling carts	
3318A	Engineering S&H Self Inspection 12/04/90	Storage on dual rack drifter cabinet	Remove storage from dual rack drifter cabinet	
3318A	Engineering S&H Self Inspection 12/04/90	Storage on floor	Remove storage on floor	
3318B	Engineering S&H Self Inspection 11/15/90	GFI by sink	Install GFI by sink	
3318B	Engineering S&H Self Inspection 11/15/90	No "hot" sign on oven	Install "hot" sign on oven	
3318B	Engineering S&H Self Inspection 11/15/90	Many plugs with metal back	Replace plugs	
3318B	Engineering S&H Self Inspection 11/15/90	Piping needs labeling	Label piping	
3318B	Engineering S&H Self Inspection 11/15/90	Fire material under desk	Remove fire material under desk	
3318B	Engineering S&H Self Inspection 11/15/90	Check cord on lamp (west)		
3318B	Engineering S&H Self Inspection 11/15/90	Eyewash needs update	Update eyewash	
3318B	Engineering S&H Self Inspection 11/15/90	Cord thru nonexit door	Remove cord thru nonexit door	
3318B	Engineering S&H Self Inspection 11/15/90	Tape bricks		
3318B	Engineering S&H Self Inspection 11/15/90	Fire extinguisher outdated	Update fire extinguisher	
3318B	Engineering S&H Self Inspection 11/15/90	Old phone lines	Remove all old phone lines	
3318B	Engineering S&H Self Inspection 11/15/90	Items on shelves unsecured	Secure items on shelves	
3318B	Engineering S&H Self Inspection 12/04/90	Linde tank improperly stored	Store linde tank properly	
3318B	Engineering S&H Self Inspection 12/04/90	Cabinets not secured	Secure cabinets	
3318B	Engineering S&H Self Inspection 12/04/90	Storage on top of cabinets	Remove storage from top of cabinets	
3318B	Engineering S&H Self Inspection 12/04/90	No GFI at sink	Install GFI at sink	
3318B	Engineering S&H Self Inspection 12/04/90	Chemicals stored in hood at sink	Remove chemicals stored in hood at sink and store properly	
3318B	Engineering S&H Self Inspection 12/04/90	Acids on floor	Remove acids on floor	
3318B	Engineering S&H Self Inspection 12/04/90	Panels missing at vacuum station	Replace missing panels at vacuum station	
3318B	Engineering S&H Self Inspection 12/04/90	Dual eyewash best mgt. practice		
3318B	Engineering S&H Self Inspection 12/04/90	Chemicals under sink	Remove chemicals under sink	
3318B	Engineering S&H Self Inspection 12/04/90	Containers & glassware stored under bench in corner	Remove containers and glassware under bench in corner	
3318B	Engineering S&H Self Inspection 12/04/90	Elect. components on shelf not secured	Secure elect. components on shelf	
3329	INSTITUTIONAL PE/Kaiser 1 11/28/90	Emergency generator in this room has oil leaking from the equipment and could pose a slip hazard.	Repair the leak and maintain the floors dry and free from oil.	
3329	INSTITUTIONAL PE/Kaiser 2 11/28/90	Transfer switch for EG-17 is unlocked.	Transfer switch panel should be kept locked to keep out unauthorized people.	
3329	INSTITUTIONAL PE/Kaiser 1 11/28/90	Exit doors are not labelled.	Label all exits and dead ends to warn employees in the event of an emergency.	
3329	INSTITUTIONAL PE/Kaiser 2 11/28/90	Valves are not identified or labeled as to use or operating position. EG-17	"Properly identify and label valves, as to use and operating position."	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3329	INSTITUTIONAL PE/Kaiser2 11/28/90	Batteries have no protective cover for personal protection. EG-17	Provide lift-off type cover for personal as well as physical protection for batteries.	
3329	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-17 has no lock on transfer switch door.	Install a locking device and lock.	
3329	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-17 has no cover on battery terminals.	Install an insulated cover over the battery terminals.	
3343	Physics PSCC Walkthrough 5/3	Gas bottles not properly secured		
3343	Physics PSCC Walkthrough 5/3/90	Posted signs on toxic gas use not sufficient		
3343	Physics PSCC Walkthrough 5/3/90	No easily visible signs warning against tampering with the equipment		
3343	Physics PSCC Walkthrough 5/3/90	Some pipes need labels		
3343	Physics PSCC Walkthrough 5/3/90	No Pub 3000		
3343	Physics PSCC Walkthrough 5/3/90	Material Safety Data Sheets not complete		
3343	Physics PSCC Walkthrough 5/3	Key not labelled		
3343	Physics PSCC Walkthrough 5/3	Eye wash??		
3343	Physics 11/27/90	Bottles containing acid stored in wooden cabinet below sink.	Place in metal tray	
3343	Physics 11/27/90	GFI is needed in the AC source near sink		
3343	Physics 11/27/90	Safe containing flammables is in awkward location		
3343	Physics	Resolve question of dangling heater cord		
3343	Physics	Remove lead brick		
3343	Physics	Improve access to wash basin		
3343	Physics	Need exit sign		
3343	Engineering S&H Self Inspection 12/04/90	Fire extinguisher outdated	Update fire extinguisher	
3345	INSTITUTIONAL PE/Kaiser 2 11/28/90	Emergency lighting fixture missing bulb and protective globe.	Install bulb and provide protective globe. Test and put back into service.	
3345	INSTITUTIONAL PE/Kaiser 2 11/28/90	Operator transferring liquid nitrogen without using gloves or face shield. No warning signs posted.	Develop procedure and train operator to use gloves and face shields when handling liquid nitrogen. Post signs as required.	
3345	INSTITUTIONAL PE/Kaiser 2 11/28/90	Relay panel does not have a locking device.	Provide locking device on panel to prevent accidental exposure of energized parts.	
3345	INSTITUTIONAL Plant Ops-Self 11/30/90	Bulb and globe on emergency fixture missing.	Replace bulb and globe.	
3345	Engineering LBL '90 Elec. Insp. 1/29/89	Waler saw not properly secured, and is powered by extension cord.	Secure waler saw for use (by temporary or permanent means), and locate for connection to ac w/o extension cord.	J. Walton
3345	Engineering LBL '90 Elec. Insp. 1/29/89	Electrical daisy chains in room. AM210 equipment group powered by plug strip; possibly by daisy chains.	Eliminate electrical daisy chains.	J. Walton
3345	Engineering LBL '90 Elec. Insp. 1/29/89	Entire room needs power cleanup.	Cleanup electrical power leads.	J. Walton
3345	Engineering LBL '90 Elec. Insp. 1/29/89	Labels needed on all equipment used in the GSI.	Label equipment.	J. Walton
3345	Engineering S&H Self Inspection 12/4/90	Secure metals cabinets		
3349	Engineering S&H Self Inspection 11/29/90	No exit signs	Install exit signs	
3349	Engineering S&H Self Inspection 11/29/90	No lip on top shelf (wood)	Put lip on top shelf	
3349	Engineering S&H Self Inspection 11/29/90	No lips on cabinet shelves	Put lips on cabinet shelves	
3349	Engineering S&H Self Inspection 11/29/90	Improper storage & clutter on bench tops	Remove storage and clutter from bench tops	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3349	Engineering SAH Self Inspection 11/29/90	Unlabeled containers in many areas of room	Label containers in all areas of room	
3349	Engineering SAH Self Inspection 11/29/90	Illegal emergency exit	Correct emergency exit	
3349	Engineering SAH Self Inspection 11/29/90	Storage on metal shelf top	Remove storage from metal shelf top	
3349	Engineering SAH Self Inspection 11/29/90	Remove lamps w/2 wire cord		
3349	Engineering SAH Self Inspection 11/29/90	Room still extremely cluttered	Remove clutter	
3349	Engineering SAH Self Inspection 11/29/90	2 wire cord on fluorescent microscope lamp	Replace 2 wire cord on fluorescent microscope lamp	
3349	Engineering SAH Self Inspection 11/29/90	2 wire cord on small flood lamp	Replace 2 wire cord on small flood lamp	
3349	Engineering SAH Self Inspection 11/29/90	Storage on top of cabinets	Remove storage from top of cabinets	
3349	Engineering SAH Self Inspection 11/29/90	Class 'A' material stored under benches & behind cabinet	Remove class 'A' material stored under benches & behind cabinet	
3349	Engineering SAH Self Inspection 11/29/90	Exhaust tube not marked	Mark exhaust tube	
3349	Engineering SAH Self Inspection 11/29/90	Coat hanger & small tubing hanging on exhaust tube	Remove coat hanger and small tubing from exhaust tube	
3349	Engineering SAH Self Inspection 11/29/90	Manometer hanging on exhaust tube	Remove manometer from exhaust tube	
3349	Engineering SAH Self Inspection 11/29/90	Electronic equipment sitting on floor	Remove electronic equipment from floor	
3363	Engineering SAH Self Inspection 11/15/90	Metal ext. cords 4ea.	Remove metal ext. cords	
3363	Engineering SAH Self Inspection 11/15/90	Clean up sink workbench		
3363	Engineering SAH Self Inspection 11/15/90	Hard wire tranl. on south wall	Remove hard wire tranl. on south wall	
3363	Engineering SAH Self Inspection 11/15/90	Ground cable tray ???		
3363	Engineering SAH Self Inspection 11/15/90	All piping needs labeling	Label all piping	
3363	Engineering SAH Self Inspection 11/15/90	Lead bricks by south middle source	Remove lead bricks	
3363	Engineering SAH Self Inspection 11/15/90	Metal ext. cord box	Remove metal ext. cord box	
3363	Engineering SAH Self Inspection 11/15/90	Lead brick (counter weight)	Remove lead brick (counter weight)	
3363	Engineering SAH Self Inspection 11/15/90	Replace ceiling cords		
3363	Engineering SAH Self Inspection 11/29/90	Inadequate clearance around numerous machines	Expand clearing around machines	
3363	Engineering SAH Self Inspection 11/29/90	Inadequate clearance at elect. panels	Expand clearing at elect. panels	
3363	Engineering SAH Self Inspection 11/29/90	Storage on top of machines	Remove storage from top of machines	
3363	Engineering SAH Self Inspection 11/29/90	No GFCI at sink area	Install GFCI at sink area	
3363	Engineering SAH Self Inspection 11/29/90	Improper gas regulator storage	Store gas regulator properly	
3363	Engineering SAH Self Inspection 11/29/90	Illegal wire mold at work bench	Remove illegal wire mold at work bench	
3363	Engineering SAH Self Inspection 11/29/90	Ladder restraints and blocks at sink improper types	Put proper restraints and blocks at sink	
3363	Engineering SAH Self Inspection 11/29/90	Illegal connections on wire mold at workbench	Remove illegal connections on wire mold at workbench	
3363	Engineering SAH Self Inspection 11/29/90	Improper chemical storage under sink	Remove chemical storage from under sink	
3363	Engineering SAH Self Inspection 11/29/90	Unlabeled containers under sink	Label containers under sink	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3363	Engineering SAH Self Inspection 11/29/90	Numerous metal back electrical plugs	Remove metal back electrical plugs	
3363	Engineering SAH Self Inspection 11/29/90	Improper air nozzle at sink	Replace improper air nozzle at sink	
3363	Engineering SAH Self Inspection 11/29/90	No non-contained metal storage	Need non-contained metal storage	
3363	Engineering SAH Self Inspection 11/29/90	Wires hanging from ducting	Remove wires hanging from ducting	
3363	Engineering SAH Self Inspection 11/29/90	Toxics stored in cabinet	Remove toxics stored in cabinet	
3363	Engineering SAH Self Inspection 11/29/90	Improper chemical storage in cabinets	Store chemical storage properly	
3363	Engineering SAH Self Inspection 11/29/90	Hydrofluoric bottles in cabinet	Remove hydrofluoric bottles in cabinet	
3363	Engineering SAH Self Inspection 11/29/90	Schedule needed on panel 31A41	Get schedule on panel 31A41	
3363	Engineering SAH Self Inspection 11/29/90	Pan labeled "has had gold cyanide" in workbench drawer		
3363	Engineering SAH Self Inspection 11/29/90	Need interlock guard under workbench at little puller		
3363	Engineering SAH Self Inspection 11/29/90	Spellman 2KV P.S. has frayed cord	Replace cord on 2KV P.S. which is frayed	
3363	Engineering SAH Self Inspection 11/29/90	No OSP on Germanium crystal growing	Obtain OSP	
3363	Engineering SAH Self Inspection 11/29/90	RF Hazard sign hidden	Place RF hazard sign in clear view	
3363	Engineering SAH Self Inspection 11/29/90	Cover missing on terminal strip at little puller	Replace cover on terminal strip at little puller	
3363	Engineering SAH Self Inspection 11/29/90	Gas bottles improperly secured	Properly secure gas bottles	
3363	Engineering SAH Self Inspection 11/29/90	Restricted access at induction heater	Clear access at induction heater	
3363	Engineering SAH Self Inspection 11/29/90	Copper tubing stored on pipes	Remove copper tubing from pipes	
3363	Engineering SAH Self Inspection 11/29/90	Lead bricks on floor	Remove lead bricks from floor	
3363	Engineering SAH Self Inspection 11/29/90	Capacitor should be covered on induction heater Tag #375	Cover capacitor on induction heater	
3363	Engineering SAH Self Inspection 11/29/90	HV on induction heater needs guards	Put guards on HV on induction heater	
3363	Engineering SAH Self Inspection 11/29/90	Flammable gas detector improperly wired and secured	Properly wire and secure flammable gas detector	
3363	Engineering SAH Self Inspection 11/29/90	Electronic racks not secured	Secure electronic racks	
3363	Engineering SAH Self Inspection 11/29/90	Blower improperly wired w/inline switch	Properly wire blower w/inline switch	
3363	Engineering SAH Self Inspection 11/29/90	Gas bottle cap stored on floor	Remove gas bottle cap from floor	
3363	Engineering SAH Self Inspection 11/29/90	Numerous small tubes w/ fittings, improperly stored	Properly store small tubes w/ fittings	
3363	Engineering SAH Self Inspection 11/29/90	Improper lifting & support devices (numerous)		
3363	Engineering SAH Self Inspection 11/29/90	30 AMP 3 phase 208 connector illegal???		
3363	Engineering SAH Self Inspection 11/29/90	Numerous unlabeled containers in hood	Label containers in hood	
3363	Engineering SAH Self Inspection 11/29/90	Need GFCI at acid area	Install GFCI at acid area	
3363	Engineering SAH Self Inspection 11/29/90	Wall cutouts need to be closed	Close wall cutouts	
3363	Engineering SAH Self Inspection 11/29/90	Numerous unlabeled containers under hood sink	Label containers under hood sink	
3363	Engineering SAH Self Inspection 11/29/90	Improper & illegal storage of hazardous liquids	Properly and legal store hazardous liquids	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3363	Engineering SAH Self Inspection 11/29/90	Shelves & near hood need lips	Put lips on shelves and near hood	
3363	Engineering SAH Self Inspection 11/29/90	Lead brick in HZ purifier cabinet	Remove lead brick fro HZ purifier cabinet	
3363	Engineering SAH Self Inspection 11/29/90	Improper storage of chemicals	Properly store chemicals	
3363	Engineering SAH Self Inspection 11/29/90	Spray paint improperly stored	Properly store spray paint	
3363	Engineering SAH Self Inspection 11/29/90	Shelves need lips	Put lips on shelves	
3363	Engineering SAH Self Inspection 11/29/90	Shelf tops used for storage	Remove storage from tops of shelves	
3363A	Engineering SAH Self Inspection 11/29/90	See note (General observations) tag #377		
3363A	Engineering SAH Self Inspection 11/29/90	"Not an exit" sign needed	Install "Not and exit" sign	
3363A	Engineering SAH Self Inspection 11/29/90	No eyewash station at hood area	Install eyewash station at hood area	
3363A	Engineering SAH Self Inspection 11/29/90	No GFIC at sink	Install GFIC at sink	
3363A	Engineering SAH Self Inspection 11/29/90	Remove wire mold at sink		
3363A	Engineering SAH Self Inspection 11/29/90	Class "A" material on floor	Remove class "A" material on floor	
3363A	Engineering SAH Self Inspection 11/29/90	Eyewash needs proper storage hook	Put proper storage hook on eyewash	
3363A	Engineering SAH Self Inspection 11/29/90	Eyewash should be dual head	Make eyewash dual head	
3363A	Engineering SAH Self Inspection 11/29/90	Illegal radar boxes at hood S. wall	Remove illegal radar boxes at hood S. wall	
3363A	Engineering SAH Self Inspection 11/29/90	Lights on hood should be hardwired	Hardwire lights on hood	
3363B	Engineering SAH Self Inspection 11/29/90	File cabinet not secured	Secure file cabinet	
3363B	Engineering SAH Self Inspection 11/29/90	Storage on top of file cabinet	Remove storage from top of file cabinet	
3363B	Engineering SAH Self Inspection 11/29/90	No lips on shelves	Put lips on shelves	
3363B	Engineering SAH Self Inspection 11/29/90	Extremely cluttered-bad housekeeping	Clean up clutter	
3363B	Engineering SAH Self Inspection 11/29/90	Class "A" material under tables	Remove class "A" material from under tables	
3363B	Engineering SAH Self Inspection 11/29/90	Lead bricks on floor	Remove lead bricks from floor	
3367	Engineering SAH Self Inspection 11/15/90	Piping needs label	Label piping	
3367	Engineering SAH Self Inspection 11/15/90	Clean-up desk by door		
3367	Engineering SAH Self Inspection 11/15/90	"Hot" sign by oven	Install "hot" sign by oven	
3367	Engineering SAH Self Inspection 11/15/90	Eyewash cover needs repair	Repair eyewash cover	
3367	Engineering SAH Self Inspection 11/15/90	Old metal ext. cord	Remove old metal ext. cord	
3367	Engineering SAH Self Inspection 11/15/90	GFI by sink		
3367	Engineering SAH Self Inspection 11/15/90	Schedule on panel 31A14A-9 south wall	Obtain schedule on panel 31A14A-9 south wall	
3367	Engineering SAH Self Inspection 11/15/90	Cord bad on long plug	Replace cord on long plug	
3367	Engineering SAH Self Inspection 11/15/90	Secure rack		
3367	Engineering SAH Self Inspection 11/15/90	Furnaces need securing (4 ea.)	Secure furnaces	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3357	Engineering SAH Self Inspection 11/15/90	Remove asbestos		
3357	Engineering SAH Self Inspection 11/15/90	Hole in wall	Repair hole in wall	
3357	Engineering SAH Self Inspection 11/15/90	GFI by north sink		
3357	Engineering SAH Self Inspection 11/29/90	No sink drain caution labels	Install caution labels on sink drain	
3357	Engineering SAH Self Inspection 11/29/90	Improper storage of hazardous liquids in hoods	Properly store hazardous liquids	
3357	Engineering SAH Self Inspection 11/29/90	Remove radar box on isolation transformer		
3357	Engineering SAH Self Inspection 11/29/90	Illegal extension cord in electronic rack	Remove illegal extension cord in electronic rack	
3357	Engineering SAH Self Inspection 11/29/90	Glass dewar on floor BMP suggests metal		
3357	Engineering SAH Self Inspection 11/29/90	Class 'A' material on floor	Remove class 'A' material on floor	
3357	Engineering SAH Self Inspection 11/29/90	Variac illegally wired on thermal vacuum	Fix wiring on thermal vacuum	
3357	Engineering SAH Self Inspection 11/29/90	Impaired access throughout room	Clear access throughout room	
3357	Engineering SAH Self Inspection 11/29/90	Plug strip needs to be hardwired at dicing saw bench	Hardwire plug strip at dicing saw bench	
3357	Engineering SAH Self Inspection 11/29/90	Dicing saw bench has numerous illegal extension cords in lower 2 drawers	Remove illegal extension cords	
3357	Engineering SAH Self Inspection 11/29/90	Blue 208 3 phase plug & receptacle need replacing	Replace blue 208 3 phase plug & receptacle	
3357	Engineering SAH Self Inspection 11/29/90	Improper chemical storage under polishing machine	Properly store chemicals	
3357	Engineering SAH Self Inspection 11/29/90	Improper chemical storage under polishing machine	Properly store chemicals	
3357	Engineering SAH Self Inspection 11/29/90	Illegal wiring on data trak	Remove illegal wiring on data trak	
3357	Engineering SAH Self Inspection 11/29/90	Remove radar box		
3357	Engineering SAH Self Inspection 11/29/90	Ayamline solution should be stored near hood	Store ayamline solution near hood	
3357	Engineering SAH Self Inspection 11/29/90	Illegal use of "J" box for chassis & has illegal 2 wire cord	Remove illegal 2 wire cord and eliminate illegal use of "J" box for chassis	
3357	Engineering SAH Self Inspection 11/29/90	Remove ground wire in empty box		
3357	Engineering SAH Self Inspection 11/29/90	Transite sitting on floor	Remove transite from floor	
3357	Engineering SAH Self Inspection 11/29/90	No radiation hazard warning on door	Install radiation hazard warning on door	
3358	Engineering SAH Self Inspection 11/15/90	GFI for plug strip		
3358	Engineering SAH Self Inspection 11/15/90	Clean under lapping machine		
3358	Engineering SAH Self Inspection 11/15/90	Fan in west wall ???		
3358	Engineering SAH Self Inspection 11/15/90	Metal plugs	Replace metal plugs	
3358	Engineering SAH Self Inspection 11/15/90	All equipment needs securing	Secure all equipment	
3358	Engineering SAH Self Inspection 11/15/90	Cylinders out to tie???		
3358	Engineering SAH Self Inspection 11/15/90	Pot cover on conduit by door	Remove pot cover on conduit by door	
3358	Engineering SAH Self Inspection 11/15/90	Piping not labeled	Label piping	
3358	Engineering SAH Self Inspection 11/15/90	Metal plug box on pump station	Remove metal plug box on pump station	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3368	Engineering SAH Self Inspection 11/15/90	General cleanup		
3368	Engineering SAH Self Inspection 11/15/90	No fire exit	Put in fire exit	
3368	Engineering SAH Self Inspection 12/04/90	No GFIC at sink	Install GFIC at sink	
3368	Engineering SAH Self Inspection 12/04/90	Glassware improperly stored	Properly store glassware	
3368	Engineering SAH Self Inspection 12/04/90	Unlabeled containers throughout shop	Label all containers	
3368	Engineering SAH Self Inspection 12/04/90	Rags & clutter under lapping machine	Clean up rags & clutter	
3368	Engineering SAH Self Inspection 12/04/90	Oxygen bottle improperly secured at wafering machine	Properly secure oxygen bottle at wafering machine	
3368	Engineering SAH Self Inspection 12/04/90	Hazardous chemicals improperly stored	Properly store hazardous chemicals	
3368	Engineering SAH Self Inspection 12/04/90	Coolant container for wafering machine improperly mounted and not secured	Properly mount and secure coolant container for wafering machine	
3368	Engineering SAH Self Inspection 12/04/90	Elect. mixer stored on drain pipe	Remove elect. mixer from drain pipe	
3368	Engineering SAH Self Inspection 12/04/90	Coolant in 5 gal. container not secured	Secure coolant in 5 gal container	
3368	Engineering SAH Self Inspection 12/04/90	Used oil should be disposed of	Dispose of used oil	
3368	Engineering SAH Self Inspection 12/04/90	Storage on top of elect. cabinets	Remove storage from top of elect. cabinets	
3368	Engineering SAH Self Inspection 12/04/90	Hood inspection outdated	Update hood inspection	
3368	Engineering SAH Self Inspection 12/04/90	Tubing secured to conduit at hood	Remove tubing from conduit	
3368	Engineering SAH Self Inspection 12/04/90	Covers missing from veeco sputtering machine	Replace missing covers on veeco sputtering machine	
3368	Engineering SAH Self Inspection 12/04/90	Remove all metal back plugs		
3368	Engineering SAH Self Inspection 12/04/90	Belt not covered on drill press	Cover belt on drill press	
3368	Engineering SAH Self Inspection 12/04/90	No safety glasses	Obtain safety glasses	
3368	Engineering SAH Self Inspection 12/04/90	No exit sign	Install exit sign	
3368	Engineering SAH Self Inspection 12/04/90	Improper electrical wiring overhead	Install proper electrical wiring overhead	
3368	Engineering SAH Self Inspection 12/04/90	Improper stock and tubing storage	Store stock and tubing properly	
3368	Engineering SAH Self Inspection 12/04/90	No power shutoff to sputtering machine	Install power shutoff on sputtering machine	
3368	Engineering SAH Self Inspection 12/04/90	Improper wiring on sputtering machine	Install proper wiring on sputtering machine	
3368	Engineering SAH Self Inspection 12/04/90	Panel 31A4H needs updated schedule	Obtain updated schedule on panel 31A4H	
3368	Engineering SAH Self Inspection 12/04/90	Class "A" material behind bench	Remove class "A" material behind bench	
3368	Engineering SAH Self Inspection 12/04/90	Improper storage on bench top	Remove storage on bench top	
3368	Engineering SAH Self Inspection 12/04/90	Improper storage of gas bottles under bench	Store gas bottles properly	
3368	Engineering SAH Self Inspection 12/4/90	Cover on conduit box left of door		
3368	Engineering SAH Self Inspection 12/4/90	Guard for foot switch	Put guard on foot switch	
3368	Engineering SAH Self Inspection 12/4/90	Update hood inspection		
3368	Engineering SAH Self Inspection 12/4/90	Safety glasses		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3368	Engineering SAH Self Inspection 12/4/90	Eye protection signs	Install eye protection signs	
3368	Engineering SAH Self Inspection 12/4/90	Fire ext. sign for outside door	Install fire ext. sign for outside door	
3368	Engineering SAH Self Inspection 12/4/90	Cover on back of vac. pump unit 515723	Install cover on back of vac. pump unit 515723	
3368	Engineering SAH Self Inspection 12/4/90	Enter wires in plug pump unit 515723		
3368	Engineering SAH Self Inspection 12/4/90	Excessive cylinder storage	Remove excess cylinder storage	
3368	Engineering SAH Self Inspection 12/4/90	Remove small cylinders under desk		
3368	Engineering SAH Self Inspection 12/4/90	Check for asbestos on piping above door		
3368	Engineering SAH Self Inspection 12/4/90	Hole in wall into Room 3362	Repair hole in wall into room 3362	
3361	Engineering SAH Self Inspection 11/15/90	Lead containers by door	Remove lead containers by door	
3361	Engineering SAH Self Inspection 11/15/90	Red cabinet ???		
3361	Engineering SAH Self Inspection 11/15/90	MSDS	Obtain MSDS	
3361	Engineering SAH Self Inspection 11/15/90	Red cabinet door closer		
3361	Engineering SAH Self Inspection 11/15/90	Cabinet in SW corner not secured	Secure cabinet in SW corner	
3361	Engineering SAH Self Inspection 11/15/90	Fire material in SW corner	Remove fire material in SW corner	
3361	Engineering SAH Self Inspection 11/15/90	Lips on shelves - south	Put lips on shelves - south	
3361	Engineering SAH Self Inspection 11/15/90	Lead bricks	Remove lead bricks	
3361	Engineering SAH Self Inspection 11/15/90	Metal plug on vac cleaner & pump	Replace metal plug	
3361	Engineering SAH Self Inspection 11/15/90	Lead cylinder on shelves - south	Remove lead cylinder on shelves-south	
3361	Engineering SAH Self Inspection 11/15/90	Glass pipe thru wall	Remove glass pipe	
3361	Engineering SAH Self Inspection 11/15/90	Source secure ???		
3361	Engineering SAH Self Inspection 11/15/90	Piping needs label	Label piping	
3361	Engineering SAH Self Inspection 11/29/90	Radioactive elements stored on floor	Remove radioactive elements from floor	
3361	Engineering SAH Self Inspection 11/29/90	Class 'A' material under table	Remove class 'A' material from under table	
3361	Engineering SAH Self Inspection 11/29/90	Restricted access to rear of elect. racks	Clear access to rear of elect. racks	
3361	Engineering SAH Self Inspection 11/29/90	File cabinet not secured	Secure file cabinet	
3361	Engineering SAH Self Inspection 11/29/90	Illegal 208 3 phase receptacle	Remove illegal 208 3 phase receptacle	
3361	Engineering SAH Self Inspection 11/29/90	Mullin fan not wired w/3 wire cord on diff. pump	Wire mullin fan w/3 wire cord on diff. pump	
3361	Engineering SAH Self Inspection 11/29/90	Frayed wire on variacs	Replace frayed wires on variacs	
3361	Engineering SAH Self Inspection 11/29/90	Wires should be covered on diff. pump	cover wires on diff. pump	
3361	Engineering SAH Self Inspection 11/29/90	Storage on cabinet tops & elect. racks	Remove storage on cabinet tops & elect. racks	
3361	Engineering SAH Self Inspection 11/29/90	Cu pipes not labeled-contents & flow	Label Cu pipes - contents & flow	
3361	Engineering SAH Self Inspection 11/29/90	Improper elect. rack storage	Properly store elect. rack	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3361	Engineering S&H Self Inspection 11/29/90	3 red nfm bin P.S. need new cords	Put new cords on 3 red nfm bin P.S.	
3361	Engineering S&H Self Inspection 11/29/90	"J" box should be hardwired to isol. transformer	Hardwire "J" box to isol. transformer	
3361	Engineering S&H Self Inspection 11/29/90	Dewar not secured	Secure dewar	
3361	Engineering S&H Self Inspection 11/29/90	Redo restraints on top shelves		
3361	Engineering S&H Self Inspection 11/29/90	Numerous metal back plugs in racks	Replace metal back plugs	
3361	Engineering S&H Self Inspection 11/29/90	Improper hose on waterlines	Replace hose on waterlines	
3361	Engineering S&H Self Inspection 11/29/90	Storage in bottom of electronic racks	Remove storage from bottom of electronic racks	
3361	Engineering S&H Self Inspection 11/29/90	Improper mix of chemicals in flammable cabinet	Properly store chemicals in flammable cabinet	
3361	Engineering S&H Self Inspection 11/29/90	Storage on top of flammable cabinet	Remove storage from top of flammable cabinet	
3361	Engineering S&H Self Inspection 11/29/90	Springs missing from doors on flammable cabinet	Replace springs on doors on flammable cabinet	
3361	Engineering S&H Self Inspection 12/04/90	Flammable cabinet vents open	Close vents on flammable cabinet	
3361	Engineering S&H Self Inspection 12/04/90	Flammable cabinet not grounded	Ground flammable cabinet	
3361	Engineering S&H Self Inspection 12/04/90	Hole in wall	Repair holes in wall	
3361	Engineering S&H Self Inspection 12/04/90	Wall needs repair or patching		
3361	Engineering S&H Self Inspection 12/04/90	Obvious old leaks in ceiling	Repair leaks in ceiling	
3361	Engineering S&H Self Inspection 12/04/90	Visitor eyeglasses should be near door	Install visitor eyeglasses near door	
3361	Engineering S&H Self Inspection 12/04/90	Exit signs missing	Install exit signs	
3361	Engineering S&H Self Inspection 12/04/90	Helium gas bottles stored in floor	Store helium gas bottle properly	
3361	Engineering S&H Self Inspection 12/04/90	Numerous mobile carts & cabinets not secured	Secure mobile carts and cabinets	
3361	Engineering S&H Self Inspection 12/04/90	Unlabeled containers	Label containers	
3361	Engineering S&H Self Inspection 12/04/90	Improper chemical storage	Properly store chemicals	
3362	Engineering S&H Self Inspection 11/15/90	Hole thru east wall	Repair hole thru east wall	
3362	Engineering S&H Self Inspection 11/15/90	Cabinet at north wall not secured	Secure cabinet at north wall	
3362	Engineering S&H Self Inspection 11/15/90	Lead brick west wall	Remove lead brick from west wall	
3362	Engineering S&H Self Inspection 11/15/90	Asbestos sheet by door		
3363	ENGINEERING OSHA SELF 06/15/90		Requested clarification of FSP and OSP updates. OSHA Checklist #31.1	
3363	ENGINEERING OSHA SELF 06/15/90		Install explosion-proof lights. OSHA Checklist #32.7	
3363	ENGINEERING OSHA SELF 06/15/90		Do you have a medical, biological system in operations? OSHA Checklist #33.17	
3363	ENGINEERING OSHA SELF 06/15/90		Ordered appropriate labels. OSHA Checklist #34.3	
3363-Hall	Engineering S&H Self Inspection 11/15/90	Air system clean		
3363A	Engineering S&H Self Inspection 11/15/90	Hole in wall	Repair hole in wall	
3363A	Engineering S&H Self Inspection 11/15/90	Cabinets not secured	Secure all cabinets	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3363A	Engineering SAH Self Inspection 11/15/90	Shelves need lips	Put lips on all shelves	
3363A	Engineering SAH Self Inspection 11/15/90	Wall needs paint	Paint wall	
3363B	Engineering SAH Self Inspection 11/15/90	Lead brick sharpener	Remove lead brick sharpener	
3363B	Engineering SAH Self Inspection 11/15/90	Cabinet not secured	Secure cabinet	
3363C	Engineering SAH Self Inspection 11/15/90	Metal extension box (2 ea.)	Remove metal extension boxes	
3363D	Engineering LBL '90 Elec. Insp. 1/29/89	Obsolete waber strips in use.	Eliminate obsolete waber strips.	J. Walton
3363D	Engineering SAH Self Inspection 11/15/90	Lead brick north wall	Remove lead brick from north wall	
3363D	Engineering SAH Self Inspection 11/15/90	All shelves need lips	Put lips on shelves	
3363D	Engineering SAH Self Inspection 11/15/90	Fire material	Remove fire material	
3363D	Engineering SAH Self Inspection 11/15/90	All shelves need lips	Put lips on all shelves	
3363E	Engineering LBL '90 Elec. Insp. 1/29/89	Non-approved plug strip used for heater, hot plate and typewriter.	Eliminate unapproved plug strips.	J. Walton
3363E	Engineering SAH Self Inspection 11/15/90	Shelves need lips	Put lips on shelves	
3363E	Engineering SAH Self Inspection 11/15/90	Cabinet by door unsecured	Secure cabinet by door	
3363E	Engineering SAH Self Inspection 11/15/90	Hole in ceiling tile	Repair hole in ceiling tile	
3363F	Engineering SAH Self Inspection 11/15/90	Tile in ceiling needs repair	Repair tile in ceiling	
3363F	Engineering SAH Self Inspection 11/15/90	Shelves need lips	Put lips on shelves	
4413	ESD OSHA 11/12/90	need two 'exit' signs for doors		
4413	ESD OSHA 11/12/90	need "not an exit" sign for exterior door to modular clean lab		
4413	ESD OSHA 11/12/90	door to modular clean room does not close by itself		
4413	ESD OSHA 11/12/90	T. Owens will sign up for first aid/CPR course asap		
4413	ESD OSHA 11/12/90	air supply in room outside modular clean lab is questionable		
4413	ESD OSHA 11/12/90	if required, respirators will need to be ordered and properly stored		
4413	ESD OSHA 11/12/90	Owens will study TLV & PEL for all chemicals for CIG workers		
4413	ESD OSHA 11/12/90	list of hazardous materials in room needed (to be part of CIG master list in 70A-4418)		
4413	ESD OSHA 11/12/90	list of hazardous materials in room needed (to be part of CIG master list in 70A-4418)		
4413	ESD OSHA 11/12/90	bolt cabinet in outer room/secure clean bench to table in modular clean room		
4413	ESD OSHA 11/12/90	Owens will acquire appropriate waste disposal cans		
4413	ESD OSHA 11/12/90	Owens will acquire disposal can for broken glass		
4414	ESD OSHA 11/12/90	fire door to 70A-4414 does not self-close		
4414	ESD OSHA 11/12/90	one set of overhead lights flicker		
4418ABC D	ESD OSHA 11/12/90	need 2 "exit" signs, 4 "not an exit" signs		
4418ABC D	ESD OSHA 11/12/90	first aid kit for CIG office		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4418ABC D	ESD OSHA 11/12/90	need sprinkler head covers in 4418c, d		
4418ABC D	ESD OSHA 11/12/90	Schrag/Borg will take fire extinguisher course asap		
4418ABC D	ESD OSHA 11/12/90	4418 storage area may need lighting		
4418ABC D	ESD OSHA 11/12/90	4 doors not self-closing, 5th needs adjustment		
4418ABC D	ESD OSHA 11/12/90	Wolfslayer to sign up for first aid/cpr course		
4418ABC D	ESD OSHA 11/12/90	Wolfslayer/Borg/Schrag to sign up for hazards communications course asap		
4418ABC D	ESD OSHA 11/12/90	refrigerators need "food only" signs		
4418ABC D	ESD OSHA 11/12/90	bolt bookshelves in 4418a		
4418ABC D	ESD OSHA 11/12/90	general housekeeping		
4418B	ESD			
4418C	ESD			
4418D	ESD			
4419	INSTITUTIONAL PE/Kaiser 2 11/28/90	Panel not identified and filler plate missing exposing energized bus.	Replace filler dead front panels and properly identify panel.	
4419	ESD LBL Electrical 9/20/89	gas cylinders not secured correctly		
4419	ESD LBL Electrical 10/6/89	no cover on transformer		
4419	ESD OSHA 11/12/90	need first aid kit		
4419	ESD OSHA 11/12/90	need eye wash station (already ordered)		
4419	ESD OSHA 11/12/90	need general fire extinguisher		
4419	ESD OSHA 11/12/90	need "exit" and "not an exit" sign		
4419	ESD OSHA 11/12/90	need "exit" and "not an exit" sign		
4419	ESD OSHA 11/12/90	breaker box 31A18EA5A is improperly labelled		
4419	ESD OSHA 11/12/90	breaker box 31A7A needs space cover inside		
4419	ESD OSHA 11/12/90	transformer may require special labeling		
4419	ESD OSHA 11/12/90	breaker box 31A7A needs tag		
4419	ESD OSHA 11/12/90	we are confused about breaker box 31A18EA5A		
4425	ESD OSHA 11/12/90	need 2 "exit" and 1 "not an exit" signs		
4425	ESD OSHA 11/12/90	ventilation not adequate for personnel/machinery		
4429	ESD LBL Electrical 9/20/89	chemicals stored in fume hood		
4429	ESD OSHA 11/12/90	needs first aid kit		
4429	ESD OSHA 11/12/90	fire extinguisher may be obstructed		
4429	ESD OSHA 11/12/90	need to store unbroken glass at alternate site		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4429	ESD OSHA 11/12/90	needs an "exit" and 2 "not an exit" signs		
4429	ESD OSHA 11/12/90	ventilation still being adjusted		
4429	ESD OSHA 11/12/90	sink in clean room needs label		
4429	ESD OSHA 11/12/90	laminar flow hood must be secured to wall		
4431	ESD OSHA 11/12/90	power supply and P indicator must be secured		
4431	ESD OSHA 11/12/90	need fluorescent signs on door		
4431	ESD OSHA 11/12/90	needs an "exit" and "not an exit" sign		
4431	ESD OSHA 11/12/90	GM Chang will sign up for first aid course		
4431	ESD OSHA 11/12/90	need potable or non-potable sign on sink		
4435	Physics	Many pipes need labeling	Label pipes	
4435	Physics	Electrical panel boxes will less than 3 feet frontal clearance	Either relocate boxes or replace with shallower models	
4435	Physics	Exit signs are missing	Place exit signs above doors	
4435	Physics	Floor drain has cover removed to accomodate plastic drain lines	Plastic drain lines should be removed and cover replaced	
4435	Physics 12/13/90	Need electrical circuit breaker labelling		
4435	Physics 12/13/90	Improve bracing for ultrapure water filter		
4435	Physics 12/13/90	Need to provide access to air handler		
4435	Physics 12/13/90	Fire alarm bell inaudible in certain areas of lab		
4435	Physics 12/13/90	Missing barrier on exposed buss - electrical panel 31A7D		
4435	Physics 12/13/90	Seamtights missing on emergency lamps		
4435	Physics 12/13/90	Unsealed wall penetration in many areas of the lab		
4435	Physics 12/13/90	Recirculation pump electrical control panel unmarked		
4435	Physics 12/13/90	Several electrical switches and junction boxes uncovered		
4435	Physics 12/13/90	Seismic bracing for storage cabinets, tube storage tower		
4450	Engineering SAH Self Inspection 11-16-90	No exit sign over door	Post exit sign	
4450	Engineering SAH Self Inspection 11-16-90	Unlabeled bottle of liquid on chalkboard tray	Label bottle	
4450	Engineering SAH Self Inspection 11-16-90	Class A combustibles piled on on floor behind drawing board	Remove class A combustibles	
4450	Engineering SAH Self Inspection 11-16-90	Camac crate setting on top of rack not secured and is daisy chained off of an extension cord	Secure camac	
4450	Engineering SAH Self Inspection 11-16-90	Lead brick on desk with mullin fan mounted on it and 2 conductor lamp cord attached	Remove lead brick and secure lamp	
4450	Engineering SAH Self Inspection 11-16-90	Need toe boards on shelving	Secure toe boards on shelving	
4450	Engineering SAH Self Inspection 11-16-90	File cabinet & bookshelves need quake restraints	Secure file cabinet & bookshelves	
4450	Engineering SAH Self Inspection 11-16-90	Fire sprinkler piping not painted red	Add red to fire sprinkler piping	
4450	Engineering SAH Self Inspection 11-16-90	Drawing file near door not restrained	Secure drawing file	
4450	Engineering SAH Self Inspection 11-16-90	Old grey waber box 2 ea	Replace with correct equipment	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4450	Engineering Environmental Self 11/16/90 Inspection	Friable asbestos on pipes	Replace asbestos	
4450	CMB TTP-90 11/16/90	Water-damaged paint on walls.		
4450	CMB TTP-90 11/16/90	Syringe hazard—Improper storage.		
4450	CMB TTP-90 11/16/90	Housekeeping.		
4450	CMB TTP-90 11/16/90	Improper storage.		
4450	CMB TTP-90 11/16/90	Secure equipment.		
4450	CMB TTP-90 11/16/90	Glass sink & drain pipes.		
4450	CMB TTP-90 11/16/90	Secure furniture.		
4450	CMB TTP-90 11/16/90	Improper storage.		
4450	CMB TTP-90 11/16/90	Inadequate HV hazard and OUT OF SERVICE labeling.		
4450	CMB TTP-90 11/16/90	Excessive cables on floor.		
4450	CMB TTP-90 11/16/90	Improper gas cylinder storage.		
4450	CMB TTP-90 11/16/90	Inadequate hazard posting—CARCINOGEN.		
4450	CMB TTP-90 11/16/90	Inadequate hazard posting—UV.		
4450	CMB TTP-90 11/16/90	Unlabeled solutions.		
4450	CMB TTP-90 11/16/90	Improper sharps disposal.		
4450	CMB TTP-90 11/16/90	Unlabeled plumbing and no emergency procedures.		
4450	CMB TTP-90 11/16/90	Excess mercury hazard.		
4450	CMB TTP-90 11/16/90	Hazard posting needed on door.		
4450	CMB ELEC-89 11/29/89	Missing ground.		
4450	CMB ELEC-89 11/29/89	Tripping & electrical hazard from power cords.		
4450	CMB ELEC-89 11/29/89	Panel schedule.		
4450	CMB EH&S-89 10/6/89	Emergency access to disconnects.	Access cleared.	Yes January 24, 1990
4460	Physics TT Self-Assess. 11/7	Acids and plastic plumbing		
4460	Physics TT Self-Assess. 11/7	Toxic gas-emergency		
4460	Physics TT Self-Assess. 11/7	Fire protection system		
4460	Physics TT Self-Assess. 11/7	Alarm and shut-off station		
4461	CMB TTP-90 11/16/90	Improper storage.		
4461	CMB TTP-90 11/16/90	Unlabelled containers.		
4461	CMB TTP-90 11/16/90	Housekeeping.		
4461	CMB TTP-90 11/16/90	Flammables not in cabinet.		
4461	CMB TTP-90 11/16/90	Dirty floors.		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4461	CMB TTP-90 11/16/90	Secure centrifuge.		
4461	CMB TTP-90 11/16/90	Secure heavy equipment on wheels.		
4461	CMB TTP-90 11/16/90	Batteries stored improperly.		
4461	CMB TTP-90 11/16/90	Improper storage over hood.		
4461	CMB TTP-90 11/16/90	Improper cable storage.		
4461	CMB TTP-90 11/16/90	Inadequate electrical sockets.		
4461	CMB TTP-90 11/16/90	Improper storage of carcinogen.		
4461	CMB TTP-90 11/16/90	Multiple trip hazard.		
4461	CMB TTP-90 11/16/90	Post hazard warnings on door.		
4461	CMB TTP-90 11/16/90	Label hazardous flammable gases.		
4461	CMB TTP-90 11/16/90	Trip hazard.		
4461	CMB TTP-90 11/16/90	Label ultra-cold and UV hazards.		
4461	CMB TTP-90 11/16/90	Lack of emergency prep for hazards.		
4461	CMB TTP-90 11/16/90	Equipment log books missing.		
4461	CMB TTP-90 11/16/90	Improper glass on hose.		
4461	CMB TTP-90 11/16/90	Label plumbing for equipment.		
4461	CMB TTP-90 11/16/90	Label water pipes.		
4461	CMB TTP-90 11/16/90	Update MSDS file.		
4461	CMB TTP-90 11/16/90	Equipment Training Log missing.		
4461	CMB TTP-90 11/16/90	Glass doors of hood missing.		
4461	CMB ELEC-89 11/29/89	Improper gas cylinder storage.		
4461	CMB EH&S-89 9/20/89	Improper storage on and under fume hood.	Combustibles removed & flammable cabinet obtained.	Yes January 24, 1990
4462	CMB TTP-90 11/16/90	Secure file cabinet.		
4462	CMB TTP-90 11/16/90	Secure fans.		
4462	CMB TTP-90 11/16/90	Lip shelves missing.		
4462	CMB TTP-90 11/16/90	NOT IN SERVICE equipment unlabelled.		
4462	CMB TTP-90 11/16/90	Inadequate electrical wall sockets.		
4462	CMB ELEC-89 11/29/89	Heater & extension cord improperly used.		
4462	CMB EH&S-89 9/20/89	Improper storage on sprinkler.	Clothes rack installed.	Yes January 24, 1990
4463	CMB TTP-90 11/16/90	Improper storage.		
4463	CMB TTP-90 11/16/90	Housekeeping.		
4463	CMB TTP-90 11/16/90	Aisle access.		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4463	CMB TTP-90 11/16/90	Improper sharps disposal.		
4463	CMB TTP-90 11/16/90	Improper acid storage.		
4463	CMB TTP-90 11/16/90	Secure equipment.		
4463	CMB TTP-90 11/16/90	Secure plants.		
4463	CMB TTP-90 11/16/90	Remove telephone wires.		
4463	CMB TTP-90 11/16/90	Improper storage of plants.		
4463	CMB TTP-90 11/16/90	GFI missing near sink.		
4463	CMB TTP-90 11/16/90	Carcinogen label missing on fridge.		
4463	CMB TTP-90 11/16/90	Trip hazard.		
4463	CMB TTP-90 11/16/90	Food refrigerator in lab.		
4463	CMB TTP-90 11/16/90	UV hazard label missing.		
4463	CMB TTP-90 11/16/90	Pipes unlabelled.		
4463	CMB TTP-90 11/16/90	Hand creme and powder in lab.		
4463	CMB TTP-90 11/16/90	High pressure hazard unlabelled.		
4463	CMB TTP-90 11/16/90	Improper asbestos gloves.		
4463	CMB TTP-90 11/16/90	Hazard posting on door missing.		
4463	CMB TTP-90 11/16/90	Hazard list + MSDS file missing.		
4463	CMB TTP-90 11/16/90	Spill kits missing.		
4463	CMB TTP-90 11/16/90	Improper air diffuser.		
4463	CMB ELEC-89 11/29/89	Improper use of extension cord.		
4463	CMB ELEC-89 11/29/89	GFI missing.		
4463	CMB ELEC-89 11/29/89	Improper plug strip.		
4463	CMB ELEC-89 11/29/89	Heater on empty alcohol can.		
4463	CMB ELEC-89 11/29/89	Overloaded extension cord.		
4463	CMB EH&S-89 10/6/89	Improper cables on equipment.	Faulty cables replaced or repaired.	Yes January 24, 1990
4463A	CMB TTP-90 11/16/90	Secure freezer.		
4463A	CMB TTP-90 11/16/90	Electrical check on gel box needed.		
4463A	CMB TTP-90 11/16/90	Unmounted Waber box.		
4463A	CMB TTP-90 11/16/90	Equipment logbooks missing.		
4463A	CMB TTP-90 11/16/90	Improper hazard prep.		
4463A	CMB TTP-90 11/16/90	Unlabeled gas pipes.		
4463A	CMB TTP-90 11/16/90	Unlabeled UV hazard.		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4463A	CMB TTP-90 11/16/90	Large asbestos board.		
4463A	CMB ELEC-89 11/29/89	GFI missing.		
4463B	CMB TTP-90 11/16/90	Improper storage on shelves.		
4463B	CMB TTP-90 11/16/90	Secure file cabinet.		
4463B	CMB TTP-90 11/16/90	Shelf lips missing.		
4463B	CMB TTP-90 11/16/90	Improper space heater.		
4463B	CMB TTP-90 11/16/90	Improper air diffuser.		
4463C	CMB TTP-90 11/16/90	Housekeeping		
4463C	CMB TTP-90 11/16/90	Touch-up paint on walls.		
4463C	CMB TTP-90 11/16/90	Secure ultra-centrifuges.		
4463C	CMB TTP-90 11/16/90	Label OUT OF SERVICE equipment.		
4463C	CMB TTP-90 11/16/90	Obtain logbooks for equipment.		
4463C	CMB EH&S-89 9/20/89	Alate access.	Cabinet moved.	Yes January 24, 1990
4473	CMB TTP-90 11/16/90	Secure racks.		
4473	CMB TTP-90 11/16/90	Secure equipment.		
4473	CMB TTP-90 11/16/90	Secure file cab. and latch doors.		
4473	CMB TTP-90 11/16/90	Need HV labels.		
4473	CMB TTP-90 11/16/90	Hazard posting needed on door.		
4473	CMB TTP-90 11/16/90	Label equipment and obtain logbooks.		
4473	CMB TTP-90 11/16/90	Label ground cable.		
4473	CMB EH&S-89 9/20/89	Emergency escape access and cylinder on wheels.	Cylinder properly secured.	Yes January 24, 1990
4473	CMB EH&S-89 10/6/89	Improper electrical hazards.	Faulty cord repaired, HV hazard labelled, equipment grounded.	Yes January 24, 1990
4475	ENGINEERING OSHA SELF 06/15/90		We intend to train the rest of our group in Fire extinguishers course by end of the year. OSHA Checklist #1.12	
4475	ENGINEERING OSHA SELF 06/15/90		Have requested work from LBL C&M shop--notice posted. OSHA Checklist #3.2	
4475	Engineering S&H Self Inspection 11-16-90	No exit signs over doors	Place exit signs over doors	
4475	Engineering S&H Self Inspection 11-16-90	Fire extinguisher by door not inspected since 1987	Inspect fire extinguisher	
4475	Engineering S&H Self Inspection 11-16-90	Electrical cable draped over light fixtures	Remove electrical cable	
4475	Engineering S&H Self Inspection 11-16-90	Cans of flammable liquids stored on open shelves - east side	Remove flammable liquids	
4475	Engineering S&H Self Inspection 11-16-90	Plug strip on front of sink cabinet not GFI protected	Get proper plug strip	
4475	Engineering S&H Self Inspection 11-16-90	Fire piping not painted red	Add red to fire piping	
4475	Engineering S&H Self Inspection 11-16-90	Metal ladder in electrical shop	Remove ladder	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4475	Engineering S&H Self Inspection 11-16-90	Matt's stored on top of locker by door	Remove	
4475	Engineering LBL '90 Elec. Insp. 1/29/89	Poor housekeeping.	Cleanup - underway and continuing.	J. Katz
4475	Engineering S&H Self Inspection 11-16-90	No finger guard on paper cutter	Get finger guard on paper cutter	
4475	Engineering S&H Self Inspection 11-16-90	Non dead front cord caps	Replace cord caps	
4475	Engineering S&H Self Inspection 11-16-90	Metal clamp on cord cap	Replace	
4475	Engineering Environmental Self Inspection 11/16/90	Improve flammables storage, no flammables cabinet	Purchase flammables cabinet and properly store flammables	
4475	Engineering Environmental Self Inspection 11/16/90	No waste container for flux removal	Provide proper container for flux removal	
4th Fl Hall	Engineering S&H Self Inspection 11-16-90	Sprinklers below 8ft		
4th Fl Hall	Engineering S&H Self Inspection 11-16-90	Vacuum Cleaner in cabinet with very poor cord.	Fix cord	
Blue P.	Engineering S&H Self Inspection 11/13/90	Phone lines		
Blue P.	Engineering S&H Self Inspection 11/13/90	Secure drawing file in corner		
Blue P.	Engineering S&H Self Inspection 11/13/90	Hole in wall above phone lines		
Blue P.	Engineering S&H Self Inspection 11/13/90	Secure cabinet by door		
Blue P.	Engineering S&H Self Inspection 11/13/90	Clean-up		
C32A-Ha II cabinet	Engineering Environmental Self Inspection 11/16/90	PCB capacitors have no secondary containment in hall cabinet C32A	Provide additional containment for PCB capacitors	
Car H	Engineering S&H Self Inspection 11/13/90	Lips on shelves		
Car H	Engineering S&H Self Inspection 11/13/90	Fire material behind drafting table		
Clean Room	Engineering S&H Self Inspection 12/4/90	Upgrade wire on air control box		
Clean Room	Engineering S&H Self Inspection 12/4/90	Ground foot switch		
Clean Room	Engineering S&H Self Inspection 12/4/90	Toe guard foot switch		
Clean Room	Engineering S&H Self Inspection 12/4/90	Plug hole in switch box in air control box		
Clean Room	Engineering S&H Self Inspection 12/4/90	Relabel clean room		
D56A-Ha II cabinet	Engineering Environmental Self Inspection 11/16/90	Rockbestos wire in hall cabinet D56A	Remove wire	
D66A-Ha II cabinet	Engineering Environmental Self Inspection 11/16/90	Mercury relay has no secondary containment in hall cabinet D66A	Provide secondary containment for relay	
Don H.	Engineering S&H Self Inspection 11/13/90	Secure all cabinets		
Don H.	Engineering S&H Self Inspection 11/13/90	Lips on cabinet		
Don H.	Engineering S&H Self Inspection 11/13/90	Clean-up		
Don H.	Engineering S&H Self Inspection 11/13/90	Hole with cable running through S-E		
Don H.	Engineering S&H Self Inspection 11/13/90	Remove extension cord & box		
Don H.	Engineering S&H Self Inspection 11/13/90	Check ceiling-paint		
G	Engineering S&H Self Inspection 11/13/90	Secure cabinets by door		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
G	Engineering SAH Self Inspection 11/13/90	Lips on shelves		
H	Engineering SAH Self Inspection 11/13/90	Boxes under desk		
H	Engineering SAH Self Inspection 11/13/90	Lip on shelf		
H	Engineering SAH Self Inspection 11/13/90	Clean-up		
H	Engineering SAH Self Inspection 11/13/90	Replace tile in ceiling		
Hall	Engineering SAH Self Inspection 11-16-90	Rockbestos wire	Replace with correct wire	
Hall	Engineering SAH Self Inspection 11-16-90	Receptacle on isolation transformer		
Hall	Engineering SAH Self Inspection 11/15/90	Update fire extinguisher		
Hall/445 0	Engineering SAH Self Inspection 11-16-90	Custodian locker does not close properly	Repair locker	
hallway	Engineering SAH Self Inspection 11/13/90	Remove boxes in hallway		
hallway	Engineering SAH Self Inspection 11/13/90	MSDS		
Hallway	Engineering SAH Self Inspection 12/04/90	Hallway locker #4 has improper storage of chemicals	Store chemicals properly	
Hallway	Engineering SAH Self Inspection 12/04/90	PCB capacitors stored in cabinet #10	Remove PCB capacitors from cabinet #10	
Hallway across from 3318	Engineering SAH Self Inspection 12/04/90	Elect. outlet needs repair	Repair elect. outlet	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Fixture has cover plate missing exposing ballast and connection.	Replace fixture cover.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Transformer Bank #31 tripping hazard between upper and lower pad.	Install walkway over opening between upper and lower pad.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Standing water in front of 12kV switchgear.	Adjust elevation of containment pit to allow for drainage.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Lower pad oil containment has no sump for valve, trench under regulator appears to drain to manhole and hillside.	Provide a containment tank for oil.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Upper pad oil containment area does not drain to valve, collects water in SW corner.	Revise elevation of pad.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Relay panel 3ER is not locked.	Install a locking device and lock.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Manholes not labeled nor identified by "confined space entry"	Install a Manhole Number Tag and evaluate for entry requirements.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pipe and open trench between upper and power pads presents tripping hazard.	Install covers over pipe and trench and post warning signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Unused station phone & cabinet should be removed.	Remove old phone	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Site retaining walls outside building are failing due to settlement.	Survey, evaluate, install tie backs as req'd	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Non ductile concrete parking structure and would pose a collapse hazard in a severe quake.	Retrofit parking structure	
shop	Engineering SAH Self Inspection 11/13/90	Secure grinder cabinet		
shop	Engineering SAH Self Inspection 11/13/90	Replace plugs with metal back		
shop	Engineering SAH Self Inspection 11/13/90	Air nozzle in bridge port		
shop	Engineering SAH Self Inspection 11/13/90	Remove shower sign by exit door		
shop..	Engineering SAH Self Inspection 11/13/90	Exit signs		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
shop	Engineering SAH Self Inspection 11/13/90	Check tape on lower plug		
shop	Engineering SAH Self Inspection 11/13/90	Grinder-DG2 Upgrade		
shop	Engineering SAH Self Inspection 11/13/90	Metal plug on rockwell drill		
shop	Engineering SAH Self Inspection 11/13/90	Better belt guard on walker/turner drill		
shop	Engineering SAH Self Inspection 11/13/90	cover on conduit box behind clock		
shop	Engineering SAH Self Inspection 11/13/90	Check light bulbs		
shop	Engineering SAH Self Inspection 11/13/90	Check crane		
shop	Engineering SAH Self Inspection 11/13/90	MSDS		
shop	Engineering SAH Self Inspection 11/13/90	Upgrade oil rag containers		
shop	Engineering SAH Self Inspection 11/13/90	Hole in wall behind B.P.		
shop	Engineering SAH Self Inspection 11/13/90	Remove 2 wire lan		
Tool room	Engineering SAH Self Inspection 11/15/90	Metal ext. cord	Remove metal ext. cord	
Tool room	Engineering SAH Self Inspection 11/15/90	Cylinder in back of desk(?)	Secure cylinder	
Tool room	Engineering SAH Self Inspection 11/15/90	Cylinder in back of desk(?)	Secure cylinder	
Tool room	Engineering SAH Self Inspection 11/15/90	Chemical ???		
Tool room	Engineering SAH Self Inspection 11/15/90	Sink "Don't use Hood" (?) no date		

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AFRD	04/01/90	It is a constant effort to keep the place clean. We need an additional janitor.		
AFRD	04/01/90	Need about a days use of carpenter.		
AFRD	04/01/90	Need about a days use of carpenter.		
AFRD	04/01/90	Replace missing electrical covers		
AFRD	04/01/90	General electrical remediation in Bldg and trailers		
AFRD	04/01/90	Install GFCI's around building		
AFRD	04/01/90	Identify switches and breakers as to their use		
AFRD	04/01/90	Correct condition of overfilled trays/ new trays/ relocate wires/ remove wires		
AFRD	04/01/90	Provide proper grounding/bonding for trays		
AFRD	04/01/90	Review waste retention records/increase recording as needed to comply w/ code.		
AFRD	04/01/90	Provide receptacles for broken glass if needed.		
AFRD	04/01/90	Provide HazComm training for balance of staff		
AFRD	04/01/90	Mark Hazardous noise area		
AFRD	04/01/90	Equip machines with emergency off buttons		
AFRD	04/01/90	Remove extension cords through wall near E15 line		Yes October 26, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
AFRD	12/10/90	Stairway from 71 over shielding- the hand rail on the stairs is too high- it should be no more than 34 inches high		
AFRD	11/5/90	Behind B40 racks, clean up cables	completed	Yes November 16, 1990
AFRD	11/5/90	Remove excess/not in use cables	Will be done	
AFRD	11/5/90	E Racks. Exposed circuits capable of being locked were unlocked. There was no interlock system. Should there be plexiglass or something? Remove waber box		
AFRD	11/5/90	T2G12 Terminal: Danger sign needed fixing	sign will be replaced	
AFRD	11/5/90	Breaker pad- wooden steps no good	steps need replacement	
AFRD	11/5/90	Improperly wired fan on front panel of rack E7	replace with fan having correct wiring	
AFRD	11/5/90	Rack E11/E12 front PWG strip taped over but not labeled.	PWG strip will be labeled	
AFRD	11/5/90	Eve injector- large un-interlocked hole in side wall	hole is covered	Yes November 16, 1990
AFRD	11/5/90	A Racks. Exposed CRT voltage	needs insulation	
AFRD	11/5/90	Improper panel board schedule in EM22An11/5/90	replace with proper panel board schedule	
AFRD	11/5/90	Panel next to generator- unlabeled breakers. Improper warning sign written on cover	will be corrected	
AFRD	11/5/90	12 KV Panel- Schematic taped to side- not signed - probably out of date	will be corrected	
AFRD	11/5/90	Near rm 104 Electrical panel 74A needs "Keep Clear" sign	Corrected	Yes November 19, 1990
AFRD	11/5/90	Balcony area above control room has collected an overabundance of unused equipment	Needs cleanup	
AFRD	11/5/90	Abel beam line- cable trays too full. Need housekeeping- they have collected debris such as cigarette butts and food wrappers	will be corrected	
AFRD	11/5/90	Housekeeping outside Eve inspection Rooms. Collection of useless pipe assembly, empty coke cans, miscellaneous nuts, bolts, etc	cleanup will be done	
AFRD	11/16/90	Above prestripper- remove venetian blind from horizontal member of south wall; do housekeeping.		
AFRD	11/16/90	above prestripper provide toeboard at bottom of railing		
AFRD	11/16/90	above postrripper- keep protective equipment with welding equipment; panel missing on welder		
AFRD	11/16/90	Ghlorso mezzanine- needs general housekeeping, get rid of frayed cables, etc, clear the aiseways		
AFRD	11/16/90	above Nitschke cave: clean up area		
AFRD	11/16/90	Outside eve - general housekeeping		
AFRD	11/16/90	In caln box- remove aerosol cans from structural members		
AFRD	11/16/90	Which does Fornblin cabinet contain, flammables or combustibles		
AFRD	11/16/90	stairway from Wideroe flat to mezzanine above: steps need non-slip treads		
AFRD	11/16/90	any posting of crane operators; check crane slings when crane is checked		
AFRD	11/16/90	Main floor boiler room- this area contains an emergency shower- if this is an emergency shower, clean up material on floor and provide monthly testing		
AFRD	11/16/90	room behind discol- storage or power supply only, not both		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	AFRD 11/26/90	pre stripper basement- clean up oil on floor near GP3871		
	AFRD 11/26/90	Pre stripper basement- update breaker panel labels and tag outs		
	AFRD 11/26/90	check pull can covers		
	AFRD 11/26/90	post stripper basement- review sprinkler system		
	AFRD 11/26/90	parking lot- trip hazard at east parking lot under stairs		
	AFRD 11/26/90	diamond-stevens counting area- housekeeping disaster. Tag applies to entire area		
	AFRD 11/26/90	Diamond Stevens trailer and compute area- housekeeping disaster- fire hazard- power cable thru hole in wall. tag applies to entire area		
	AFRD 11/16/90	outside machine shop: exit sign in the stairwell requires a new bulb (.37(g)(6))		
	AFRD SRC 12/1/90	housekeeping in many caves		
	AFRD SRC 11/12/90	need run safe in caves L, J & M; lenses are the wrong color		
002A	AFRD 12/15/89	Remove abandoned power supply wiring outside room 101		Yes October 26, 1990
002A	AFRD 12/15/89	Remove HV cable with alligator clips on test rack near ADAM		Yes October 26, 1990
101	AFRD 11/5/90	"Do not linger" radiation signs needed ((Beam Transport Area outside 101)	Will post signs	Yes November 19, 1990
101 & 101A	AFRD 04/02/90	Secure tall cabinets, lockers		
101 & 101A	AFRD 04/02/90	Secure objects above 5' above the floor		
101 & 101A	AFRD 04/02/90	Remove trip hazards		
101 & 101A	AFRD 04/02/90	Put lips on bookcases		
101 & 101A	AFRD 04/02/90	Remove computer paper from under tables		
101 & 101A	AFRD 04/02/90	Remove cables that are trip hazards		
101 & 101A	AFRD 04/02/90	Ground ungrounded equipment/provide a cover or shield		
101 & 101A	AFRD 04/02/90	Put covers over exposed terminals		
101 & 101A	AFRD 04/02/90	Identify use of circuit breakers in the area		
101 & 101A	AFRD 04/02/90	Label power cabinets and breakers		
101 & 101A	AFRD 04/02/90	Identify grounding points inside enclosures		
101 & 101A	AFRD 04/02/90	Remove metal ladders from vicinity of electrical equipment		
101A	AFRD 12/15/89	Rewire with conduit		
104	AFRD 11/5/90	Unsecured shelves with excess and equipment for maintenance in exit aisle of Rm 104	Will be done	
104A	AFRD	More training info needed especially on RF system. Most Bevatron electronics technicians are not familiar with the Hillac		
104A	AFRD 12/15/89	Install permanent wiring		Yes October 26, 1990
104A	AFRD 12/15/89	Install permanent wiring		Yes October 26, 1990

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
104A	AFRD	Repair existing wiring		Yes October 26, 1990
	12/15/89			
104A	AFRD	Replace with compliant box		Yes October 26, 1990
	12/15/89			
104A	AFRD	Remove or add conduit		Yes October 26, 1990
	12/15/89			
104a	AFRD	Equipment of shelved not secured	Will be done	
	11/5/90			
104a	AFRD	outlets in equipment rack not labeled	Will be labeled	
	11/5/90			
104a	AFRD	Need lips on bookshelves	Lips will be installed	
	11/5/90			
106	AFRD	Install permanent wiring		Yes October 26, 1990
	12/15/89			
106	AFRD	Repair existing wiring		Yes October 26, 1990
	12/15/89			
106	AFRD	Install grounding cables		Yes October 26, 1990
	12/15/89			
106	AFRD	Install cover on power channel outside Abel		Yes October 26, 1990
	12/15/89			
106	AFRD	Remove abandoned wiring outside Abel		Yes October 26, 1990
	12/15/89			
106	AFRD	Rewire: hard-wire vacuum pump		
	12/15/89			
110	AFRD	Replace old and possibly hazardous stools		
110	AFRD	Install lips on shelves		
110	AFRD	Practically all wall outlets in use-more need to be provided		
110	AFRD	Need better ventilation in shop.		
110	AFRD	73A59AA28A electrical box, breakers not labeled.	will be done	
	11/5/90			
110	AFRD	OSHA sign out of date	Updated OSHA sign posted	Yes November 16, 1990
	11/5/90			
114	AFRD	Breaker 73A13A needs GFI protection		
114	AFRD	Seismic tiedown of lockers, shelves, and filing cabinets		
114	AFRD	Top-heavy roll-around rack needs to be re-stacked, and seismically secured when not in use.		
114	AFRD	Install lips on shelves		
114	AFRD	Clear equipment from all breaker panels		
114	AFRD	Many breakers need lockout tabs		
114	AFRD	Replace damaged false ceiling ASAP: area immediately below is used for the repair of high-voltage equipment.		
114	AFRD	Remove 55 gal drum	done	Yes November 15, 1990
	11/5/90			
114	AFRD	Housekeeping. Stuff on top of cabinets. Egress restricted. Junk on floor, unsecured cabinets, unlabeled chemicals	clean up in progress	
	11/5/90			
114	AFRD	Entire room is a disaster waiting to happen. housekeeping, etc.	Clean up in progress	
	11/5/90			
115	AFRD	Remove extension cord through wall near tank 8		Yes October 26, 1990
	04/01/90			
115	AFRD	Remove extension cord through wall near Ghiorso cave		Yes October 26, 1990
	04/01/90			
115	AFRD	Install permanent wiring		Yes October 26, 1990
	12/15/89			
115	AFRD	Install permanent wiring		Yes October 26, 1990
	12/15/89			
115	AFRD	Replace with compliant box or Remove box		Yes October 26, 1990
	12/15/89			
115	AFRD	Replace with compliant box or Remove box		Yes October 26, 1990
	12/15/89			

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
115	AFRD 12/15/89	Replace with compliant box or Remove box		Yes October 26, 1990
115	AFRD 12/15/89	Clear room and reduce clutter		Yes October 26, 1990
115	AFRD 12/15/89	Secure back panel of 9 segment cup rack-cover exposed wiring		Yes October 26, 1990
115	AFRD 12/15/89	Remove vacuum pump on long cord		Yes October 26, 1990
115	AFRD 12/15/89	Rewire Kinney pump on long cable at CH 1400		Yes October 26, 1990
115	AFRD 12/15/89	Rewire: supply permanent power to 1400 station		
115	AFRD 12/15/89	Rewire: hard-wire vacuum pumps in A cave		
115	AFRD 04/13/90	Remove cord outside Ghiorso storage area		Yes October 26, 1990
115	AFRD 04/13/90	Remove cord		Yes October 26, 1990
115	AFRD 04/13/90	Remove a second cord		Yes October 26, 1990
115	AFRD 04/13/90	Replace old style Waber box at air sampler		Yes October 26, 1990
115	AFRD 04/13/90	Replace old style Waber box		Yes October 26, 1990
116	AFRD 11/5/90	Emergency shower should be kept clean and clear. Quick action handles needed.	Will be done	
116	AFRD 11/5/90	Rubber hose used as permanent installation. Should this be replaced by pipes.?	Not necessary- rubber hose alright for permanent installation as long as the hoses are in good condition	Yes November 19, 1990
120	AFRD 11/5/90	Sprinkler head too close to light fixture	Light fixture must be moved	
120	AFRD 11/16/90	Machine in front of electrical panel; improper safety glasses, do not stow bandsaw band on local shelf- provide an enclosed storage area; keep tools clean		
121	Administration OSHA 5/30/90	NO FIRE EXTINGUISHER IN SHOP	obtain	
121	Administration OSHA 5/30/90	PARTS STORAGE DRAWERS NOT EARTHQUAKE PROOF	secure	
121	Administration OSHA 5/30/90	AIR CONDITIONER ON WHEELS-NO EARTHQUAKE PROOFING	secure	
121	Administration OSHA	STORAGE LOCKERS NOT EARTHQUAKE PROOF	secure	
121	AFRD 11/5/90	Breaker panel not labeled, access blocked	Will be done	
121	AFRD 11/5/90	No GFI on outlet by sink. Also, not labeled.	will be corrected	
121	AFRD 11/5/90	Fourplex outlet on wall not labeled	will be corrected	
121	AFRD 11/5/90	No sign for safety glasses- no visitor glasses	need sign and visitor glasses	
121	AFRD 11/5/90	Machine tools not bolted down	Machine tool will be removed	
121	AFRD 11/5/90	Cabinet with RL fitting needs to be secured.	Cabinet will be secured	
121	AFRD 11/5/90	Breaker box P-3 does not have 3" clearance	will be corrected	
121	AFRD 11/5/90	no OSHA nozzle on air hose	nozzle will be replaced	
121	AFRD 11/5/90	Pipes not labeled	waiting for labels	
123	AFRD 11/16/90	What is the purpose of this room? Put the small compressed gas bottles in a rack, do not store them on a bench		
125	AFRD 04/01/90	Remove extension cord through wall near outlet EM22A-70-3		Yes October 26, 1990

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
125	AFRD 12/15/89	Install permanent wiring		Yes October 26, 1990
125	AFRD 12/15/89	Install permanent wiring		Yes October 26, 1990
125	AFRD 12/15/89	Repair existing wiring		Yes October 26, 1990
125	AFRD 12/15/89	Rewire plug strips to remove daisy-chains		Yes October 26, 1990
125	AFRD 11/5/90	Clean up and dispose of salvage equipment	Will be done	
126m	AFRD 11/5/90	Clean rafter outside of this room	Will be done	
128	AFRD 12/15/89	Replace old style Waber box		Yes October 26, 1990
128	AFRD 12/15/89	Replace old style Waber box		Yes October 26, 1990
128	AFRD 12/15/89	Replace old style Waber box		Yes October 26, 1990
128	AFRD 11/19/90	unlabeled fluids		
128	AFRD 11/19/90	unsecured Oxygen and acetylene bottles		
128	AFRD 11/19/90	need MSDS sheets		
128	AFRD 11/19/90	is extinguisher too high (no regulation- it must be easily grabbed)		
128 & 135	AFRD 04/06/90	Repair & Restart A/C		
129	AFRD 12/15/89	Install permanent wiring		Yes October 26, 1990
129	AFRD 11/5/90	Several 7 ft cabinets unsecured. No lips on shelves	Cabinets will be secured and lips installed	
12KV	AFRD 11/16/90	a proper lockout/tagout program needs to be instituted for the power equipment		
12KV area	AFRD 11/16/90	the area needs to have a noise survey completed to determine if it is a high noise area .95		
12V area	AFRD 11/16/90	12kV switch area: remove LV cart		
135	Nuclear Science Safety/Environmen t 8/14/90	No GFI circuits near sink		
135	Nuclear Science Safety/Environmen t 8/14/90	No first aid kit		
135	Nuclear Science Safety/Environmen t 8/14/90	Work area's ventilation system not appropriate for the work being performed		
135	Nuclear Science Safety/Environmen t 8/14/90	No eye wash station		
135	Nuclear Science Safety/Environmen t 8/14/90	Exhaust stacks and air intakes are not located so that contaminated air will not be recirculated within a building or other enclosed area		
137	AFRD 04/04/90	General cleanup		
137	AFRD 04/02/90	Post load limit on raised area		
137	AFRD 04/02/90	Clean up storage - lips on bookshelves		
137	AFRD 04/02/90	Replace extension cord with permanent wiring.		
137	AFRD 04/02/90	Put lockout tabs on circuit breakers -		
137	AFRD 04/02/90	This should be a hard hat area		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
137	AFRD 04/02/90	Safety shoes should be worn in this area		
137	AFRD 04/02/90	Establish reading list for OSP		
137	AFRD 04/02/90	Put EH&S survey tag on microwave oven		
137	AFRD 04/02/90	Post radiation signs where needed		
137	AFRD 04/02/90	Make sure hood inspection sticker is current		
137	AFRD 04/02/90	Provide noise protection against loud sounds		
137	AFRD 11/19/90	housekeeping, junk on cabinets, unsecured cabinets, etc		
137	Nuclear Science Safety/Environmen t 8/14/90	Proper ventilation system questionable		
137	Nuclear Science Safety/Environmen t 8/14/90	exhaust stacks and air intakes are not located to prevent contaminated air from recirculating within a building or other enclosed area.		
139	AFRD 12/15/89	Replace old style Waber box		Yes October 26, 1990
140	AFRD 12/15/89	Rewire from cord to conduit through wall from panel		
140	AFRD 04/13/90	Replace old style Waber boxes		Yes October 26, 1990
140	AFRD 11/19/90	hoods need inspection		
140	AFRD 11/19/90	tag refers to entire lab- unlabeled pipes, housekeeping, chemicals, toxic materials, etc etc		
141	AFRD 12/15/89	Replace with compliant box or Remove box		Yes October 26, 1990
141	AFRD 11/19/90	cabinet not secured, paper under table		
141	Nuclear Science Safety/Environmen t 8/14/90	Wall cabinet and bookcase need to be secured	We will take appropriate measures to secure them in the next few weeks.	
146	AFRD 12/15/89	Replace with compliant box or Remove box		Yes October 26, 1990
146	AFRD 12/15/89	Clear room and reduce clutter		Yes October 26, 1990
146	AFRD 12/15/89	Rewire: shorten cord on light fixture		
146	AFRD 04/13/90	Replace old style Waber box		Yes October 26, 1990
146	AFRD 04/13/90	Replace old style Waber box		Yes October 26, 1990
146	AFRD 04/13/90	Replace cord with conduit		Yes October 26, 1990
146	AFRD 11/19/90	alpha counter needs instructions, esp what to do if alarm goes off		
146	AFRD 11/19/90	panel 76A8A- undated tag ons/offis		
146	AFRD 11/19/90	pipe needs securing		
146	AFRD 11/19/90	radioactive parts improperly stored in mezzanine Clean up old paper and flammables		
146	AFRD 11/19/90	label exit in mezzanine		
146	AFRD 11/19/90	uncovered junction box on fluorescent lights		
146A	Nuclear Science Safety/Environmen t 8/14/90	Equipment racks on wheels are not secured		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
146A	Nuclear Science Safety/Environmen 8/14/90 t	No first aid kit		
153	AFRD 12/15/89	Replace old style Waber box		Yes October 26, 1990
153	Nuclear Science Safety/Environmen 8/14/90 t	No first aid kit		
155	AFRD 12/15/89	Replace old style Waber box		Yes October 26, 1990
155	AFRD 04/13/90	Replace box fed by cord in M cave		Yes October 26, 1990
156	AFRD 04/01/90	Remove extension cords through wall near outside blower		Yes October 26, 1990
156	AFRD 12/15/89	Remove long spliced cord into wireway		Yes October 26, 1990
156	AFRD 12/15/89	Rewire mechanical pump on long cord		Yes October 26, 1990
156	AFRD 12/15/89	Rewire: hard-wire vacuum pumps in B cave		
156	AFRD 12/15/89	Rewire: hard-wire out of Ccave panel 18A-7A		
159	AFRD 11/19/90	tag applies to entire room. daisy chained extension cords, housekeeping, flammables, cords going through walls, uninspected locked cabinets, extension cords in cable trays, etc		
169	AFRD 12/15/89	Remove or add conduit		Yes October 26, 1990
169	AFRD 11/19/90	unsecured tape racks		
169 dark	AFRD 11/19/90	chemical nightmare. Tag applies to room		
170	AFRD 04/13/90	Repair cord on Baker hood		Yes October 26, 1990
176 counting rm	AFRD 11/19/90	dispose of radioactive waste		
176A	AFRD 12/15/89	Remove or add conduit		Yes October 26, 1990
18A-6a	AFRD 11/19/90	panel. Hardwired 208V box not legal		
206	AFRD 11/5/90	Unsecured cabinets, housekeeping	Will be done	
206 & 210	AFRD 04/27/90	Replace wiring with app. 8' conduit for flourescent light Northeast corner of 210.		Yes October 26, 1990
210	AFRD 11/5/90	Clock 110V 2ea	will be replaced	
210	AFRD 11/5/90	Unsecured wooden cabinets NE wall	cabinets will be secured	
210	AFRD 11/5/90	Housekeeping- boxes under desk	boxes, removed, more cleanup required	
226	AFRD 12/15/89	Shorten cord to overhead recept.		Yes October 26, 1990
227	AFRD 11/16/90	Provide 3' Clearance		
229	AFRD	Install lips on bookcase shelves		
229	AFRD	Replace non-conforming cord on flourescent lamp		
229	AFRD 11/16/90	Remount fluorescent lamp		
236	AFRD 11/16/90	Remount fluorescent lamp		
237	AFRD 11/16/90	remove fluorescent lamp chains		
238	AFRD	Seismic tiedown of furniture		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
239	AFRD 11/16/90	store cough drops in drawer- not in a paper cup on top of fluorescent fixture: provide proper hanger for fluorescent lights (do not hang from T-bar in false ceiling) or use desk-mounted variety		
239+	AFRD 11/16/90	239 and others- overhead fluorescent lights need to be secured with a chain instead of wire		
243	AFRD 04/01/90	Remove extension cords through wall near room 243		Yes October 26, 1990
245	AFRD 04/03/90	Cleanup needed in room 245		Yes October 26, 1990
245	AFRD 04/03/90	Remove trip hazards from room 245		Yes October 26, 1990
245	AFRD 04/03/90	Clear aisle of junk		Yes October 26, 1990
245	AFRD 04/03/90	Get rid of misc. in room		Yes October 26, 1990
245	AFRD 04/03/90	Remove metal ladders from the room		Yes October 26, 1990
247	AFRD 12/15/89	Install cover plate		Yes October 26, 1990
251	AFRD	Seismic tiedown of bookcase		
251	AFRD	Secure bookcase on top of files		
253	AFRD 04/13/90	Replace 2 Waber boxes		Yes October 26, 1990
253	Nuclear Science Safety/Environmen t 8/14/90	GFI not installed in circuits near sinks		
253	Nuclear Science Safety/Environmen t 8/14/90	No first aid kit		
253	Nuclear Science Safety/Environmen t 8/14/90	Fire extinguishers questionable		
255	AFRD 12/15/89	Clear area in front of electrical panel		Yes October 26, 1990
255	AFRD 11/16/90	Electrical panel needs 3' put away material at night. If acid is used, eyewash required, paper cups in shop must only be used for chemicals. radioactive material canister noted- is this area likely to have radioactive materials? no sign on door. remove hooks from hood sash		
255	AFRD 11/16/90	electrical panel blocked		
255	AFRD 11/16/90	eyewash is needed if corrosives are used in lab (.1450(appendix A)(c)(1)(d))		
255	AFRD 11/16/90	eating and drinking should be avoided in lab (.1450(appendix A)(E)(1)(d))		
255	AFRD 11/16/90	lab hood flowrates should be monitored periodically (.1450(e)(3)(iii))		
256	AFRD 04/11/90	Install lips on bookshelves		
256	AFRD 04/11/90	Seismic tiedown of bookshelves		Yes October 26, 1990
257	AFRD	Seismic tiedown equipment and racks		
257	AFRD	Need appropriate storage containers		
257	AFRD	Secure houseplants		
257	AFRD	Put lips on bookshelves.		
257A	AFRD 11/16/90	Electrical panel needs 3' clearance, general housekeeping needed, get rid of fan, separate paints and chemicals in locker		
257b	AFRD 11/16/90	portable fan needs a blade guard (.212(a)(5))		
258	AFRD 12/15/89	Replace with compliant box or Remove box		Yes October 26, 1990

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
258	AFRD 04/13/90	Replace old style Waber box		Yes October 26, 1990
259	AFRD 12/15/89	Move workbench to allow 3' clearance to panel		Yes October 26, 1990
259	AFRD 11/16/90	electrical panel needs 3' clearance; air hose under table, remove or replace it; replace old portable heater with approved type		
259	AFRD 11/16/90	Electrical panel was blocked (.303(g)(1)(i))		
259	AFRD 11/16/90	portable heater needs a "tilt" switch which will shut off heater if it falls		
263	AFRD 12/15/89	Install cover on blower junction box, south wall		
269	AFRD 11/16/90	replace ceiling tiles		
270	AFRD	Seismic tiedown of furniture		
270 & 271	AFRD 04/27/90	Secure cabinets and bookshelves for earthquake		
270 & 271	AFRD 04/27/90	Some shelves need lips to prevent books falling on personnel in equake (??hardware costs??)		
271	AFRD	Seismic tiedown of furniture		
272	AFRD 04/02/90	Secure tape storage units.		
272	AFRD 04/02/90	Secure tape storage units.		
272	AFRD 04/02/90	Put lips on bookshelves		
272	AFRD 04/02/90	Get piles of paper out from under tables		
272	AFRD 12/15/89	Replace with compliant box or Remove box		Yes October 26, 1990
272	AFRD 04/13/90	Replace old style Waber box		Yes October 26, 1990
272	Nuclear Science Safety/Environmen t 8/14/90	Three tape racks need securing.		
273	Nuclear Science Safety/Environmen t 8/14/90	Two filecabinets, one wall cabinet are not secured. Wall mounted bookcase has no retainer to prevent books from falling		
279	AFRD 12/15/89	Replace with compliant box or Remove box		Yes October 26, 1990
279	AFRD 04/13/90	Replace old-style Waber box		Yes October 26, 1990
279	Nuclear Science Safety/Environmen t 8/14/90	One bookcase and one filing cabinet needs securing		
279	Nuclear Science Safety/Environmen t 8/14/90	A file cabinet, wall rack, long bookcase, and computer rack need to be secured.		
281	AFRD 04/07/90	Gough will track his own self-assessment program in 71		Yes October 29, 1990
284	AFRD 11/26/90	housekeeping		
287A	AFRD 11/26/90	housekeeping		
296	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 80'	EXTEND CORRIDOR THROUGH ROOM 279 TO EXT. STAIR	
90	AFRD 11/16/90	oxygen-acetylene tanks need to be properly stored when not in use and not left on the cart		
90	AFRD 11/16/90	abrasive blasting cabinet and dust collector needs to be kept clean (.102 (a))		
90	AFRD 11/16/90	It is recommended that all flammable chemicals in the area be stored in a flammable storage cabinet (.106(e)(2)(i)(f)(b))		
90	AFRD 11/16/90	all MSDSs must be readily available (.1200(g)(1))		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
A	AFRD	Replace weathered radiation warning signs; provide light for nighttime visibility		
A	AFRD	Rewire pump under prestripper		Yes October 26, 1990
	12/15/89			
A	AFRD	Rewire pump under prestripper		Yes October 26, 1990
	12/15/89			
A	AFRD	Rewire: hard-wire vacuum pump at guard vacuum pump station		
	12/15/89			
A	AFRD	Modify rack to install door under prestripper		Yes October 26, 1990
	04/13/90			
a cave	AFRD	fix terminal covers on magnets		
	11/26/90			
a cave	AFRD	need cover in M1 area over hole in floor		
	11/26/90			
a cave	AFRD	exposed terminals; C clamp; muffle on PA speaker		
	11/26/90			
a cave	AFRD	breaker panels need labels as to where they power; missing outlet box screws		
	11/26/90			
above c	AFRD	cover junction box on south wall		
	11/16/90			
adam	AFRD	does door to outside from adam rear have interlock switch		
	11/16/90			
all	AFRD	Entire area seems dubious as far as limiting access to possible radiation exposure. There is no sign saying limited access- visitors go to... anyone can just walk through that first floor without any certain idea as to whether it is a radiation risk or not.. Additionally, interlocked door marked caution. Should it be more severe?	Need ruling	
	11/5/90			
all caves	AFRD	all inactive and active caves need to be cleaned up		
	11/16/90			
ax area	AFRD	housekeeping- get extraneous material out of bottom of racks and raceways, A51-51 and A37-38		
	11/16/90			
B	AFRD	Remove extension cords through wall near panel EM22A75B2		Yes October 26, 1990
	04/01/90			
B	AFRD	Replace cord on permanent vacuum pumps under ADAM		Yes October 26, 1990
	04/13/90			
B	AFRD	Rewire: shorten cord on ceiling light over ADAM		Yes October 26, 1990
	12/15/89			
B	AFRD	Rewire: hardwire radiation lights in vicinity of ADAM		Yes October 26, 1990
	12/15/89			
B	AFRD	Rewire with outlet; remove Jbox in vicinity of ADAM		
	12/15/89			
B	AFRD	Rewire: install permanent lighting in vicinity of ADAM		
	12/15/89			
B	AFRD	Rewire breaker panel fed by cord under ADAM		
	12/15/89			
B	AFRD	Rewire: wire vacuum pump under ADAM permanently		
	12/15/89			
B	AFRD	Replace cord with conduit		Yes October 26, 1990
	04/13/90			
b cave	AFRD	housekeeping		
	11/16/90			
b cave	AFRD	Ladder to climb over M7 should be removed or permanently installed. should not be metal		
	11/26/90			
b cave	AFRD	Remove ladder against E11 sector magnet		
	11/26/90			
b cave	AFRD	Housekeeping; c clamps, screws on outlet		
	11/26/90			
b cave	AFRD	investigate blue radioactive box in cave entrance		
	11/26/90			
BB-U	AFRD	general housekeeping - store fluorescent bulbs in safe placen		
	11/16/90			

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Boiler Rm	AFRD 11/5/90	Pipes and valves not labeled	will be done	
boiler rm	AFRD 11/16/90	remove ice machine or label it for purpose; inspect fire extinguisher, sweep floor, support gas supply pipe properly, not with a piece of rope		
boiler rm	AFRD 11/16/90	2nd floor Asbestos thermal system insulation (TSI) needs to be labeled (.1001(j)(2)(i))		
Breaker Pad	AFRD 11/5/90	Room across from E-panel 71A-2A has "keep door locked" sign but no lock on door; a "high voltage" sign without any visible high voltage.	Lock will be installed and high voltage sign removed	
Breaker Pad	AFRD 11/5/90	Excess equipment stored in front of Electrical panel 71A-1A-93-8	will be removed	
Breezewa y	AFRD 11/5/90	Main breaker area: Either make this a true controlled area or remove the signs. Lockout tags need to be renewed	Will be done	
Breezewa y	AFRD 11/5/90	High voltage sign next to chemical locker needs to be replaced by standard sign	Will be done	
Breezewa y	AFRD 11/5/90	Red storage cabinets. Need cleanup & inventories & MSDS's	will be done	
Breezewa y	AFRD 11/5/90	Uneven floor, trip hazard. Noise level high, needs warning signs and sound level survey. Drains: Oil from pumps, possible spill containment problem	will take care of	
Breezewa y	AFRD 11/5/90	480V box improperly secured and labelled	will be corrected	
BTL #2	AFRD 11/16/90	extension cord running length of transfer line needs to be in conduit (.305(g)(1)(F))		
BTL #2	AFRD 11/16/90	All flexible cords used in and around equipment on the transfer line need to be rated for outdoor use (.305(g)(1))		
BTL #2	AFRD 11/16/90	an electrical panel box needs to be permanently mounted (.305(d))		
by 108	AFRD SRC 11/12/90	2 overhead fixtures with no cover		
C	AFRD 12/15/89	Remove overhead light fixture on door under poststripper		Yes October 26, 1990
C	AFRD 12/15/89	Repair blower on long spliced cord		Yes October 26, 1990
C	AFRD 12/15/89	Rewire freon pumps under prestripper		Yes October 26, 1990
C	AFRD 12/15/89	Rewire pump under prestripper		Yes October 26, 1990
C	AFRD 12/15/89	Rewire pump under prestripper		Yes October 26, 1990
c cave	AFRD 11/16/90	put guard around light bulb under stairs, provide		
c cave	AFRD 11/26/90	fix radiation warning lights, remove 1987 sign		
c cave	AFRD 11/26/90	major housekeeping required; unlabeled breaker panel extension cords, trip hazards; possible radioactive foils. clean area in front of 77A-2A-70A		
cave H	AFRD SRC 11/12/90	one 6' rack contains at least two high voltage PMT power supplies. There is no independent ground wire for the rack. Also, electrical power distribution in the rack is by means of old style waber box		
cave L	AFRD 11/19/90	housekeeping/uninspected locked cabinets, source on bench, unsecured racks, cables etc. ENTIRE CAVE MUST BE CLEANED UP		
cave L	AFRD SRC 11/12/90	a small rack with spellman HV supply has no ground wire		
cave m	AFRD 11/19/90	junk blocking egress		
cave m	AFRD 11/19/90	ramos box on floor. should be secured		
cave m	AFRD 11/19/90	magnet terminals need plastic cover E87AV10		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
cave m	AFRD 11/19/90	housekeeping. Lard lid on top of cabinet not secured		
cave m	AFRD 11/19/90	cabinets locked, no key, uninspected		
cave r	AFRD 11/19/90	power supply needs cover. Electronic equip not secured Untaped lead		
col 14	AFRD 11/16/90	provide proper tiedowns for power cords to area radiation monitors		
comp rm	AFRD 11/16/90	halon extinguisher system warnings needed for area below computer room where workers will be exposed if system activates		
Control Rm	AFRD 11/5/90	Cable tray needed	Cable tray will be installed	
Control rm	AFRD 11/5/90	Update OSP	in progress	
control rm	AFRD 11/16/90	main control room-replace panels, rear of rackA74; get rid of glyptal in locker behind aA60-store it elsewhere, do not store batteries loose as in this locker		
cooling twr	AFRD 11/16/90	if tower ballies are asbestos, the tower should have a warning label .1001(j)(2)(i)		
CTI tower	AFRD 11/16/90	cooling tower, appears to have asbestos slats on lower portion		
E Shop	AFRD 11/5/90	Fluorescent lamps on chains. Not hardwired in. Is this ok?	OK on chains	Yes November 19, 1990
EI shop	AFRD 11/5/90	Clean up, salvage old junk	will be done	
EI Shop	AFRD 11/16/90	Store either food or other material in refrigerator, not both		
el shop	AFRD 11/16/90	superglue in refrigerator with food, either one or the other please; label alcohol bottle, separate eating area at end of shop, no food at workbenches		
Eve	AFRD 11/5/90	Cables and power cords in terminal are a rat's nest	need advice	
EVE	AFRD 11/5/90	Eve injector- terminal strip with cliplead-no cover	Done	Yes November 16, 1990
Eve	AFRD 11/5/90	AC power to TV cameras in injector may not have transient suppressor protection	Need checking and rectification if required	
F area	AFRD 11/16/90	dress cables off of floor- pur panel cover on F4: remove debris from web-flange crane beam		
g cave	AFRD 11/19/90	messy wiring. Radioactive material in cabinet, housekeeping. Tag "Decommissioned"		
G cave	AFRD 11/16/90	outside g cave, get rid of electrical cords and LN feed lines coming through walls		
g cave	AFRD 11/16/90	fix up or remove vent blower outside west wall of G cave		
general	AFRD 11/16/90	eating and drinking prohibited in restricted area; if you leave, take you tools		
Ghlorso	AFRD 11/16/90	glassware on floor, bottle of xylene on floor, freon stored in plastic utility can, cyclohexane should be in flammable locker, hoods are not storage unit, cylinder cap without cylinder, electrical plug strips connected to electrical plug strips and on and on		
ghlorso	AFRD 11/16/90	ghlorso large mfg area: unlabeled bottles, unlabeled safety can, fluorescent fixture needs cover plate (is this a PCB ballast in fluorescent lamp) jar of magnesium metal sitting on shelf		
Glorso	AFRD 11/16/90	Flammable chemicals should be stored in a flammable storage cabinet insted of the floor 29CFR1910.106(e)(2)(ii)(b)		
Glorso	AFRD 11/16/90	lab hoods and bench tops should not be used to store chemicals 29CFR1910.1450 (app A) (D)(2)(d)		
Glorso	AFRD 11/16/90	All chemical bottles must be properly labeled .1200(i)(5)		
Glorso	AFRD 11/16/90	Freon must be in proper container .106(d)(2)(i)		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Glorso	AFRD 11/16/90	MSDSs for all hazardous materials must be readily available for laborator-1200(a)(3)(ii) and 1450(i)(3)(iii)		
Glorso	AFRD 11/16/90	lab hoods must be routinely monitored for flow rates 1450(e)(3)(iii)		
Glorso	AFRD 11/16/90	all places of employment shall be kept clean to the extent that the nature of the work allows (housekeeping) 141(a)(3)(i)		
Glorso	AFRD 11/16/90	A waste disposal program needs to be instituted 1450(D)(1)(b)		
Glorso	AFRD 11/16/90	Lab hoods used with flammables should be made with non-combustible materials. Lab hood sash made partly with wood common at LBL		
Glorso	AFRD 11/16/90	Radioactive material was found in a lab hood labeled not to be used with radioactive materials		
Glorso	AFRD 11/16/90	plug strip is used for overhead power outlets. The receptacles should be twistlock type so that plug prongs will not slip out		
Glorso ta	AFRD 11/16/90	lab test area housekeeping needs to be improved		
Glorso ta	AFRD 11/16/90	flammable container not properly labeled		
Glorso ta	AFRD 11/16/90	Fluorescent fixture wires were exposed. Lamps cannot have exposed live parts unless over 8 feet 305(j)(1)(i)		
Glorso ta	AFRD 11/16/90	compressed gas cylinders must be properly secured 101(b)		
h cave	AFRD 11/19/90	need load limit on beam, cap on gas cylinder unsecured racks and lockers, missing screws in outlets, housekeeping, unsecured LCW flow meter		
hibay	AFRD 11/5/90	sprinkler head distance from ceiling. no heat collectors	need advice	
hibay	AFRD 11/5/90	Clock near B47 should be replaced with battery operated	Will be replaced	
hibay	AFRD 11/5/90	Housekeeping outside Abel house	will be completed	
hibay	AFRD 11/5/90	Can't find crane inspection tag CR-1-71	no tag required according to Mitch Mikula (plant engineering)	Yes November 19, 1990
hibay	AFRD 11/5/90	Unmarked plug strip located above magnet T2GT1. Probably illegal plug strip	need advice	
hibay	AFRD 11/5/90	Electrical cord to hasting gage power supply exposed 110V. Also, needs to be earthquaked.	will be corrected	
hibay	AFRD 11/5/90	Roll around tool boxes should be restrained.	will be corrected	
hibay	AFRD 11/5/90	160 liter LN dewars. Do we want to bolt down?	Not practical need ruling	
J cave	AFRD 11/19/90	dangling electrical cords, missing screws or electrical boxes, exposed terminal or E79AV8 magnet. Is magnet bolted to base?		
I cave	AFRD 11/16/90	housekeeping, proper storage of gas cylinders		
L cave	AFRD 11/16/90	cylinder cap was missing on stored compressed gas cylinder 141(a)(2)(ii)(d)		
linac	AFRD 11/16/90	under linac- asbestos cloth fragment in cable tray, vicinity of DT magnet power supplies, provide better mount for heat lamp on cryo vent bulb should be guarded, housekeeping needed here		
linac	AFRD 11/16/90	MP144 power feed should be reworked to shorten and avoid extension cords; what are oil drums stored here for? unused fire hoses for ADAM cooling should be removed		
m cave	AFRD 11/19/90	missing screws on box cover		
Main Inj.	AFRD 11/5/90	Rack B40 needs plastic shielding over exposed circuits.	will be corrected	
mezz	AFRD 11/16/90	argon area: cover for electrical panel missing		

BUILDING: 71

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
mezz	AFRD 11/16/90	post stripper- uninsulated end of a 4/0 power cable needs to be repaired (.303(b)(1)(i))		
mezz	AFRD 11/16/90	post stripper area: junction box needs to be permanently mounted (.305 (d))		
Mezz	AFRD 11/16/90	pit area under accelerator: Need MSDS for 55 gal drums of 64PA inhibited insulating oil to determine if precautions are needed		
n cave	AFRD 11/19/90	breaker panel not accessible		
n cave	AFRD 11/16/90	LN transfer line needs fixing or dismantling		
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	This area will require a Level-1 standby generator system. EG-32	System is to be replaced.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No protective guard on exhaust system. EG-32	"Install heat shields on exposed exhaust system under 7'-0" or barrier guard 15" away."	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bright dip operations use approx 20 gal tanks of acid & caustics w/o dedicated drains & no containment. Accidental spills will enter floor drains & sanitary sewer will be contaminated.	Survey bldg drain system to develop plan to install secondary containment & dedicated hazardous waste (acid) removal system.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	GE 50 & GE 60 are leaky.	Repair the leaks.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad receipts not GFI protected.	Install a GFI outlet.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-32 has no muffler protection.	Install a guard over the muffler.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	LV Swbd 171A has circuit breakers tagged with undated tags, no explanation of problem.	Install an approved lock and tag, if required.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Screws missing on termination cage for rectifier transformers.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Rectifier transformers, regulator & reactor stack not labeled."	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Regulator tank ground cable not permanently installed.	Permanently install the cable.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Regulator tap changer control cabinet has unsealed hole.	Plug the hole.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	PE 20 missing screws on cover plates.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	PE 30 missing screws on cover.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Screws missing from LV switchgear back covers.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Regulator pullcan has flexible cable leaving the can & appears not to be in use.	Remove the cable or permanently install.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Flexible cable leaving J-box at W gate appears not to be in use.	Remove the cable or permanently install.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad high voltage signs faded, rusted and not up to date."	Post approved high-voltage warning signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Many transformers & regulator need to be re-labeled.	Install up to date Equipment Number Labels.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bk 71 not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Material stored under Bk 171.	Remove material to an approved storage site.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Station phone no longer used, should be removed.	Remove old phone.	
outside	AFRD 11/16/90	bottle racks at outside east end of building: unsecured oxygen bottle, no firewalls between flammables and non-flammables; small bottles not secured, oil drums are grounded but need bonding strap for receivers		
outside	AFRD 11/16/90	Oxygen and acetylene tanks must be stored at least 20' apart or separated by a fire wall at least 5' high and having a fire-resistance rating of at least .5hr. 252(a)(2)(iv)(c)		

BUILDING: 71

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
outside main rm	AFRD	110V where water fountain is		
	11/19/90			
pmt shop	AFRD	plug conduit at entrance area of room- is drill press being moved out?		
	11/16/90			
Power pad	AFRD	Emergency generator. No warning sign that it may start at any time.	get sign	
	11/5/90			
Power pad	AFRD	ARU-4-71 cover missing on mercoild switch. Exposure to electrical leads	Get cover	
	11/5/90			
Power Pad	AFRD	Unsecured cabinets on north ledge next to ARU-4-71	cabinets will be secured	
	11/5/90			
pump area	AFRD	pump and switching area, put cap on acetylen bottle on oxyacetylene cart, very noisy area, should be posted		
	11/16/90			
sassy	AFRD	exposed 110 terminals racks 51-2		
	11/19/90			
sassy	AFRD	put cylinders of gas on their sides; butane gas cylinder in box leaning against wall, exposed wiring in fluorescent fixture, what is purpose of firebrick? fix housekeeping		
	11/16/90			
sassy cave	AFRD	can LCW tubes and power cables go in same tray?		
	11/19/90			
sassy cave	AFRD	entire cave need housekeeping, electrical, etc		
	11/19/90			
shop	AFRD	Machine shop provide proper wiring for ten machine tools		
	04/11/90			
T3 line	AFRD	Wideroc LINAC radiation sign "Caution: Radiation" hanging from rope on accelerator. Is rope sufficient? Do we need permanent barrier?	Temporary barrier sign is removed	Yes November 19, 1990
	11/5/90			
tlne #2	AFRD	transfer line station 2. remove cables draped across street on transfer line; secure door panel, dress cables well, pick up cables from the ground, mark as restricted area for HV or radiation or whatever.		
	11/16/90			

BUILDING: 71-D

AFRD	Seismic tiedown of lockers and shelves
AFRD	Install lips on bookcase shelves

BUILDING: 71/88

none	INSTITUTIONAL Plant Ops-Self	11/30/90	UL/FM Sids requires vent regulators to atmosphere, gas pressure regulators, hi & lo-gas pressure switches. Boilers BR-1-88, BR-2-88 & BR-1-71 do not have these safety items.	Install code required items.

BUILDING: 71A

AFRD	11/26/90	Need written procedures for JV access, list of authorized personnel, grounding point indications inside ignition cubicle. Date and sign circuit diagrams, update operational aids and instruction inside ignition cubicles
AFRD	11/26/90	label modulators as "out of service"
AFRD	11/26/90	recommendation: Hg-vapor detection and alarm in case of failure of ignition in device
AFRD	11/26/90	need capacity label on hoist
AFRD	11/26/90	exposed 110V terminal and frayed power cord in racks 541-551
AFRD	11/26/90	Missing outlet box screws everywhere
AFRD	11/26/90	upper mezzanine- earthquake cabinets
AFRD	11/26/90	Check MSDS's for all chemicals including those in cabinets in mezzanine
AFRD	11/26/90	secure chassis in spare chassis rack to prevent falling onto main level 11/26/90
AFRD	11/26/90	Upper mezzanine: need secure railing where unistut is secured by c clamps. tag LCW lines
AFRD	11/26/90	put up to date labels on CB panels

BUILDING: 71a

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	AFRD	all stored capacitors should be shorted.		
		11/26/90		

BUILDING: 71b

	AFRD		Gas cylinder storage rack- clean up. Get rid of excess cylinders; improve cylinder restraints	
	AFRD	10/29/90	will be done	
090	AFRD		what abrasive is used in sandblaster? cap the unused oxy-acetylene bottles	
	AFRD	11/16/90		
090 outside	AFRD		waste sand bagger seams to leak- some of the material on the ground. MSDS for abrasives on hand? need flammables locker in storage area; cleanup material above locker 14. remove oily material from locker 28 and clean up spill on floor	
	AFRD	11/16/90		
190	AFRD		Secure equipment above 5' from earthquake motion	
	AFRD	04/18/90		
190	AFRD		Make this area a hard hat area	
	AFRD	04/18/90		
190	AFRD		Motor control switch box on lathe loose	
	AFRD	10/29/90	will be fastened	
190	AFRD		Remove sliding doors in front of breaker panels	
	AFRD	10/29/90		
190	AFRD		Fire Alarm junction box not color coded or secured	
	AFRD	10/29/90	Will be done after consultation with fire department	
190	AFRD		Radioactive material notice, should be over both doors and at eye level.	
	AFRD	10/29/90	will be done	
190	AFRD		Need belt guards on all machines	
	AFRD	10/29/90	All machines have guards except lathe machine. LBL policy in preparation	
190	AFRD		DOE poster 1981 vintage	Yes
	AFRD	10/29/90	done	November 9, 1990
190	AFRD		Modified breaker panel cards	
	AFRD	10/29/90		
190	AFRD		Lamp cord frayed on index milling machine	Yes
	AFRD	10/29/90	Machine removed	November 9, 1990
190a	AFRD		oil/gas bottles under bench/ tote boxes under bench	Yes
	AFRD	10/29/90	removed	November 9, 1990
190a	AFRD		Unmarked outlets in room	
	AFRD	10/29/90	will be marked	
190a	AFRD		Inflated plastic beer can overhead/ objectionable pictures should be removed.	
	AFRD	10/29/90	removed	
190a	AFRD		Unsecured cabinets	
	AFRD	10/29/90	will be done	
190a	AFRD		Ion source Preparation room: Trip hazard; untended pipe (approx 14ft long) laying on aisle floor	Yes
	AFRD	10/29/90	Pipe removed	November 9, 1990
190b	AFRD		Unsecured boxes on top shelves	Yes
	AFRD	10/29/90	removed	November 9, 1990
outside	AFRD		Get rid of unneeded chemicals in outside storage rack	
	AFRD	10/29/90	same as 71b-27	
outside	AFRD		South wall; dumpster needs earthquake restraint to prevent blocking of access road; general housekeeping; clean up dumpster area	
	AFRD	10/29/90	Will be done	
Shop	AFRD		Soldering Room: Equipment upset hazard; vertical belt sander needs to be secured when not in use.	
	AFRD	10/29/90		

BUILDING: 71b

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
shop	AFRD AFRD 10/29/90	Eyewash needs covers for squirters		
shop	AFRD AFRD 10/29/90	Frayed cord southeast corner; broken windows Job order will be written for window repair. Frayed cord removed		
shop	AFRD AFRD 10/29/90	Exposed lead; lead bricks Bricks are taped		Yes November 9, 1990
shop	AFRD AFRD 10/29/90	C Clamp used as stop on jib crane- shaw hoist Proper stop will be bolted to Jib Crane		
shop	AFRD AFRD 10/29/90	Need OSHA approved compressed air nozzles Done		Yes November 9, 1990
shop	AFRD AFRD 10/29/90	Soldering room; unsecured cabinets, need GFCI breakers near sink, guards missing on some grinders, broken glass on one guard, electrical cord going into hole in floor. Will be done		
shop	AFRD AFRD 10/29/90	Are breaker lockouts needed?		
shop	AFRD AFRD 10/29/90	Contents of acid baths not indicated or posted Acid baths will be emptied and discontinued.		
shop	AFRD AFRD 10/29/90	Inventory needed for red chemical storage cabinet to check MSDS's and proper labeling. Need "Chemical hygiene plan" for class 2 carcinogens (Benzene) Will inventory chemicals and dispose of unneeded ones. Will move chemical storage cabinet		
shop	AFRD AFRD 10/29/90	Red solvent/chemical cabinet not secured for spill prevention (earthquake) Will be secured when moved		
shop	AFRD AFRD 10/29/90	Rags stuffed in PA system loudspeakers Rags Removed		Yes November 9, 1990
shop	AFRD AFRD 10/29/90	Aisleways not marked in shop Will be marked		
shop	AFRD AFRD 10/29/90	Exit sign lights burned out; signs wired to emergency wiring circuit?? In progress		
shop	AFRD AFRD 10/29/90	Unlabeled squirt bottles will be labeled		
shop	AFRD AFRD 10/29/90	"high value" sign on old milling machine, frivolous sign, improper machine removed		Yes November 9, 1990
shop	AFRD AFRD 10/29/90	Small propane cylinders properly stored???		
shop	AFRD AFRD 10/29/90	Store in flammable cabinet		
shop	AFRD AFRD 10/29/90	Vacuum pump filter trap/MSDS needed for mechanical pump- do we need outside vent??		
w stair	AFRD AFRD 11/16/90	Is lamp and landing to top floor burned out? Get proper bulb for exit lamp or refit to fluorescent bulbs		

BUILDING: 71C

none	INSTITUTIONAL Plant Ops-Self 11/30/90	East side of trailer to the south of (westbound) traffic stop sign should have reflectors mounted on wall. In heavy fog a disoriented driver would not expect a solid building to be located to the left of a stop sign.	Add reflective stripping.	

BUILDING: 71H

101	Engineering SAH Self Inspection 11/6/90	Cabinet not secured to far wall	Secure cabinet to far wall	Yes November 20, 1990 Sandy Goss

BUILDING: 71H

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
101	Engineering S&H Self Inspection 11/6/90	Boxes on top of cabinet	Remove boxes from top of cabinet	Yes November 20, 1990 Sandy Goss
101	Engineering S&H Self Inspection 11/6/90	Globe on top of cabinet	Remove globe from top of cabinet	Yes November 20, 1990 Sandy Goss
102	Engineering S&H Self Inspection 11/6/90	Food on Ref.	Remove food	Yes November 20, 1990 Sandy Goss
102	Engineering S&H Self Inspection 11/6/90	Need to secure door closer	Secure door closer	Yes November 20, 1990 Sandy Goss
102	Engineering S&H Self Inspection 11/6/90	Ref. secure by door	Secure ref. by door	Yes November 20, 1990 Sandy Goss
102	Engineering S&H Self Inspection 11/6/90	File cabinets and ref. need attaching to wall	Attach file cabinets and ref to wall.	Yes November 20, 1990 Sandy Goss
102	Engineering S&H Self Inspection 11/6/90	Door closer disconnected—Pass. Hazard	Connect door closer	Yes November 20, 1990 Sandy Goss
103	Engineering S&H Self Inspection 11/6/90	No lip on high shelves	Lips ordered from C&M 11/20/90	
104	Engineering S&H Self Inspection 11/6/90	Cabinet not secured	Secure cabinet	Yes November 20, 1990 Sandy Goss
104	Engineering S&H Self Inspection 11/6/90	Unapproved plug strip	Get approved plug strip	Yes November 20, 1990 Sandy Goss
104	Engineering S&H Self Inspection 11/6/90	Cabinet not anchored	Anchor cabinet	Yes November 20, 1990 Sandy Goss
104	Engineering S&H Self Inspection 11/6/90	Plug strip not approved	Obtain approved plug strip	Yes November 20, 1990 Sandy Goss
105	Engineering S&H Self Inspection 11/6/90	No lip on high shelves	Lips ordered from C&M 11/20/90	
105	Engineering S&H Self Inspection 11/6/90	File cabinet not secured to wall	Secure file cabinet to wall	Yes November 20, 1990 Sandy Goss
105	Engineering S&H Self Inspection 11/6/90	Shelves don't have lips	Lips ordered from C&M 11/20/90	
105	Engineering S&H Self Inspection 11/6/90	Cabinet needs to be secured	Secure cabinet	Yes November 20, 1990 Sandy Goss
105	Engineering S&H Self Inspection 11/6/90	Top of cabinet used for storage	Clear top of cabinet	Yes November 20, 1990 Sandy Goss
105	Engineering S&H Self Inspection 11/6/90	Shelves have no lips	Lips ordered from C&M 11/20/90	
105	Engineering S&H Self Inspection 11/6/90	File cabinet not anchored	Anchor file cabinet	Yes November 20, 1990 Sandy Goss
105	Engineering S&H Self Inspection 11/6/90	Top of cabinet used for storage	Clear top of cabinet	Yes November 20, 1990 Sandy Goss
106	Engineering S&H Self Inspection 11/6/90	Shelves need lips and end caps	Lips and end caps ordered from C&M 11/20/90	
106	Engineering S&H Self Inspection 11/6/90	Cabinets not secure	Secure cabinets	Yes November 20, 1990 Sandy Goss
106	Engineering S&H Self Inspection 11/6/90	6 cabinets not secured	Secure 6 cabinets	Yes November 20, 1990 Sandy Goss

BUILDING: 71H

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
110	Engineering SAH Self Inspection 11/6/90	Wooden cabinet not secured	Secure wooden cabinet	Yes December 18, 1990 Sandy Goss
110	Engineering SAH Self Inspection 11/6/90	Sale not secured	Secure sale	Yes November 20, 1990 Sandy Goss
110	Engineering SAH Self Inspection 11/6/90	Water stain on ceiling	This stain is from an old leak which has been repaired.	Yes November 20, 1990 Sandy Goss
110	Engineering SAH Self Inspection 11/6/90	Water containers not labeled	Label water containers with contents	Yes November 20, 1990 Sandy Goss
Hall	Engineering SAH Self Inspection 11/6/90	Need exit signs	Install exit signs	Yes November 20, 1990 Sandy Goss
Hall	Engineering SAH Self Inspection 11/6/90	Water bottles not secured	Secure water bottles	Yes December 17, 1990 Sandy Goss
Hall	Engineering SAH Self Inspection 11/6/90	Lights should be secure and have plastic covers	Reported to C&M 11/20/90	

BUILDING: 71K

none	INSTITUTIONAL Plant Ops-Self 11/30/90	No seismic anchorage of trailer.	Install seismic anchorage as FY91 Non-cap proj

BUILDING: 72

	MSD/CSD	1 chain on cylinder	
	MSD/CSD	Ion mill needs ground	
	MSD/CSD	H.V. stickers on I.G.	
	MSD/CSD	Cover lead bricks	
	MSD/CSD	Exposed AC	
	MSD/CSD	Proper use of extension cord	
100A	MSD/CSD	One chain on cylinder	
102	MSD/CSD	*Floor drains may lead to sewer lines, need to check if they are blocked off*	
102	MSD/CSD	Refrigerator needs large label stating it is for not to be used for food	
107	MSD/CSD	1 chain on cylinder	
113	MSD/CSD	1 chain on cylinder	
118	Engineering SAH Self Inspection 11/28/90	No exit sign	Post exit sign
118	Engineering SAH Self Inspection 11/28/90	Fire extinguisher inspection outdated	Obtain current inspection on fire extinguisher
118	Engineering SAH Self Inspection 11/28/90	No lips on shelves	Provide lips for shelves
118	Engineering SAH Self Inspection 11/28/90	No emergency lighting	Install emergency lighting
118	Engineering SAH Self Inspection 11/28/90	Cabinets not adequately secured	Properly secure cabinets
118	Engineering SAH Self Inspection 11/28/90	Electronics on file drawers not secured	Properly secure electronics
118	Engineering SAH Self Inspection 11/28/90	Electronics rack and cart not secured	Secure rack and cart
118	Engineering SAH Self Inspection 11/28/90	Nim bin power supply cords need replacing	Replace power supply cords
118	Engineering SAH Self Inspection 11/28/90	Nim bin has metal back plugs	Replace metal back plugs
118	Engineering SAH Self Inspection 11/28/90	Nim bin used for storage	Remove storage from Nim bin
118	Engineering SAH Self Inspection 11/28/90	Unsecured item on top of Nim bin	Secure item on top of Nim bin
118	Engineering SAH Self Inspection 11/28/90	Lead bricks on floor	Remove lead bricks on floor and dispose of properly
118	Engineering SAH Self Inspection 11/28/90	Electronic racks not secured	Secure electronics racks

BUILDING: 72

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
118	Engineering SAH Self Inspection 11/28/90	Illegal waber strip on electronic cabinet	Replace waber strip with approved outlet strip	
118	Engineering SAH Self Inspection 11/28/90	Electronics missing covers on multichannel analyzer	Replace covers	
118	Engineering SAH Self Inspection 11/28/90	AC cord on Nim bin need replacing	Replace AC cord	
118	Engineering SAH Self Inspection 11/28/90	Many metal back plugs	Replace all metal back plugs	
118	Engineering SAH Self Inspection 11/28/90	Need new ground wire on 5 KVA line voltage	Replace ground wire	
118	Engineering SAH Self Inspection 11/28/90	Chemicals improperly stored	Store chemicals properly	
118	Engineering SAH Self Inspection 11/28/90	Cannot remove power plug on 5 KVA line voltage	Make power plug removable	
118	Engineering SAH Self Inspection 11/28/90		Thorough clean-up and disposal of unnecessary equipment needed.	
118	Engineering SAH Self Inspection 11/28/90	No MSDS	Obtain MSDS	
118	Engineering SAH Self Inspection 11/28/90	No safety program in effect.	Provide written evidence of safety program	
118	Engineering SAH Self Inspection 11/28/90	Panel 39A4A has blocked access	Clear and maintain access to panel	
118	Engineering SAH Self Inspection 11/28/90	Improper storage on floor throughout room	Clean room	
118	Engineering SAH Self Inspection 11/28/90	Nim bin power supplies need new power cords (SC:PP aux. rack)	Replace power cords	
118	Engineering SAH Self Inspection 11/28/90	Class 'A' material stored under tables and desks	Remove material to proper storage location	
118	Engineering SAH Self Inspection 11/28/90	Lead brick under lamp	Remove lead brick and dispose of properly	
118	Engineering SAH Self Inspection 11/28/90	Lamp has two wire cord	Replace cord with three wire cord	
118	Engineering SAH Self Inspection 11/28/90	Ducting covering junction box	Clear and maintain access to junction box	
118	Engineering SAH Self Inspection 11/28/90	Lead bricks support Epson printer	Remove lead bricks and dispose of properly	
118	Engineering SAH Self Inspection 11/28/90	Everything stored on top of cabinets should be removed	Clean up all cabinet tops	
118	Engineering SAH Self Inspection 11/28/90	Pencil sharpener mounted on lead brick	Remove pencil sharpener from lead brick and mount to wall or other proper surface. Dispose of lead brick properly.	
118	Engineering SAH Self Inspection 11/28/90	Sprinkler system not identified	Properly mark sprinkler system	
118	Engineering SAH Self Inspection 11/28/90	Material under desks (all)	Remove material from under desks	
118	Engineering SAH Self Inspection 11/28/90	Brick lead under desk-souteast	Remove lead brick	
118	Engineering SAH Self Inspection 11/28/90	Change plug strip to U-ground-all(14) 3 phase one North wall(?)		
118	Engineering SAH Self Inspection 11/28/90	Metal plug strips	Replace metal plug strips	
118	Engineering SAH Self Inspection 11/28/90	Secure power supplies-earthquake		
118	Engineering SAH Self Inspection 11/28/90	MSDS	Obtain MSDS	
118	Engineering SAH Self Inspection 11/28/90	Remove cord on sprinkler pipe north wall		
118	Engineering SAH Self Inspection 11/28/90	Remove old conduit on west wall		
118	Engineering SAH Self Inspection 11/28/90	Repair hole in wall		
118	Engineering SAH Self Inspection 11/28/90	Remove metal extension cord wet wall		
118	Engineering SAH Self Inspection 11/28/90	AHV 172 exposed wire QA-1 at bldg. wall above QA-1 5 wire exposed		

BUILDING: 72

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
118	Engineering SAH Self Inspection 11/28/90	39A panel needs update		
118	Engineering SAH Self Inspection 11/28/90	39A panel needs screws and handle		
118	Engineering SAH Self Inspection 11/28/90	Holes in wall-west	Repair holes in wall	
121	MSD/CSD	Refrigerator lacks seismic restraints		
125	MSD/CSD	File Cabinets need ?		
128	Engineering SAH Self Inspection 11/28/90	No exit sign	Provide exit sign	
128	Engineering SAH Self Inspection 11/28/90	No emergency lighting system	Install emergency lighting system	
128	Engineering SAH Self Inspection 11/28/90	Frayed cord on counting pool equipment rack	Replace cord	
128	Engineering SAH Self Inspection 11/28/90	Illegal riser height at step down	Correct riser height	
128	Engineering SAH Self Inspection 11/28/90	No marking identifying stop	Mark stop	
128	Engineering SAH Self Inspection 11/28/90	Remove power cord at entry and replace twistlock receptacles with "V" ground.	See above.	
128	Engineering SAH Self Inspection 11/28/90	Improper chemical storage	Store chemical properly	
128	Engineering SAH Self Inspection 11/28/90	Room in very bad condition, need clean up. Nothing is secured.	Perform thorough clean-up and have equipment secured.	
128	Engineering SAH Self Inspection 11/28/90	No shelf lips	Provide shelf lips	
128	Engineering SAH Self Inspection 11/28/90	Power cord through wall needs replacing.	Replace power cord	
128	Engineering SAH Self Inspection 11/28/90	Ceiling damage in hallway at 128	Repair ceiling	
128	Engineering Environmental Self Inspection 11/29/90	Amyl acetate needs secondary containment	Provide secondary containment	
128	Engineering SAH Self Inspection 11/28/90	Unlabeled containers in cabinet west	Label containers in cabinet west	
128	Engineering SAH Self Inspection 11/28/90	Unlabeled containers in cabinet west	Label containers in cabinet west	
131	MSD/CSD	Outlet for wall clock lacks a receptacle		
131	MSD/CSD	Two 5-drawer filing cabinets lack seismic restraints		
131	MSD/CSD	High bookshelves need contents restraints such as toe boards		
131	MSD/CSD	Plug strip no good		
137	MSD/CSD	"Fan with grill spaces further apart than 1/2 inch., remove"		
139	MSD/CSD	"Electron microscopes not currently in use, should be tagged out"		
159	MSD/CSD	Inline switch		
165	MSD/CSD	Electron microscopes should have operating proc. and qualified user lists		
165	MSD/CSD	"Cables to elec. microscope pass thru hole in wall, should they be sealed?"		
167	MSD/CSD	Electron microscopes should have operating proc. and qualified user lists		
167	MSD/CSD	"Cables to elec. microscope pass thru hole in wall, should they be sealed?"		
212	MSD/CSD	Req. 3 ft. clearance on breaker box		
ARM 2nd level	MSD/CSD	Crain slings have no rating info. or insp. tags		
ARM 2nd level	MSD/CSD	The controls on the cranes cannot be locked to prevent unauthorized use		
ARM basement level	MSD/CSD	One of the exit signs is blocked by an air duct		
ARM basement level	MSD/CSD	"Exit signs are on switch and can be turned off, need some kind of interlock"		

BUILDING: 72

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
ARM entrance floor	MSD/CSD	Possibility of leaking gases mandates oxygen depletion detectors		
ARM entrance floor	MSD/CSD	Nitrogen gas cylinder fastened to I-beam by C clamps		
Doorways	MSD/CSD	Some doors need signs indicating whether they are or not exits		
Entrances	MSD/CSD	The exit signs by the doorways should be illuminated		
Hallway near Rm. 112A	MSD/CSD	The opening leading to a crawl space should be fitted with a guard or closure		
Hallway near rm. 137	MSD/CSD	Tables and chairs may interfere with evacuation of building		
Hallways	MSD/CSD	Signs pointing the way to the exits are needed in several places		
HVEM second level	MSD/CSD	"6 inch gap between microscope structure & rest of building, need a guard?"		
HVEM second level	MSD/CSD	Grounding hook does not have a clearly designated storing space		
HVEM second level	MSD/CSD	"Cable on grounding hook consists of 2 lengths bolted together, should be one continuous"		
HVEM second level	MSD/CSD	The wiring of 18 KV. HI-Potter(?) has deteriorated		
HVEM second level	MSD/CSD	The controls on the cranes cannot be locked to prevent unauthorized use		

BUILDING: 73

Applied Science Pre-Tiger Self-Assessment	11/19/90	first aid cabinet locked (combination available)		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	eye wash station not accessible		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	Carlos Rivera requires Hazardous Comm training		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	bookshelves thruout bldg need lips		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	'No Smoking' signs needed in labs & hallways		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	not all MSDS in Bldg 73		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	unknown training level of new people		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	new people will go to class		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	several people have training		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	do not have respirators in Bldg 73		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	will make list of hazardous substances		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	lab director to decide necessity of GFIs		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/19/90	have no high voltage supply		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	Applied Science Pre-Tiger Self-Assessment	11/19/90	no lockout tabs on breakers in Bldg 73	Cairns, E.J.
	Applied Science Pre-Tiger Self-Assessment	11/19/90	strips will be added to all shelves	Cairns, E.J.
	Applied Science Pre-Tiger, EC Self-Assessment	11/26/90	MSDS on order	Cairns, E.J.
	Applied Science Pre-Tiger, EC Self-Assessment	11/26/90	on order	Cairns, E.J.
	Applied Science Pre-Tiger, EC Self-Assessment	11/26/90	will have records by 1/1/91	Cairns, E.J.
	Applied Science Pre-Tiger, EC Self-Assessment	11/26/90	will have records by 1/1/91	Cairns, E.J.
001C	Applied Science Pre-Tiger Self-Assessment	11/19/90	machine tools need to be secured	Cairns, E.J.
001C	Applied Science Pre-Tiger Self-Assessment	11/19/90	panel board 46815D - no panel schedule, no c	Cairns, E.J.
001C	Applied Science Pre-Tiger Self-Assessment	11/19/90	bandsaw needs receptacle next to machine	Cairns, E.J.
002	Applied Science Pre-Tiger Self-Assessment	11/26/90	remove unused equipment	Cairns, E.J.
002	Applied Science Pre-Tiger Self-Assessment	11/26/90	two unlabeled containers found	Cairns, E.J.
002	Applied Science Pre-Tiger Self-Assessment	11/26/90	storage cabinets need doors	Cairns, E.J.
002	Applied Science Pre-Tiger Self-Assessment	11/26/90	check storage & handling of freon	Cairns, E.J.
002	Applied Science Pre-Tiger Self-Assessment	11/26/90	future lab work may require improved ventilation system	Cairns, E.J.
002	Applied Science Pre-Tiger Self-Assessment	11/26/90	update safety glasses label	Cairns, E.J.
002, 108, 112, 111	Applied Science Pre-Tiger Self-Assessment	11/19/90	poor lighting in these rooms	Cairns, E.J.
1	Administration OSHA		OUTLETS WITHOUT GFI	install
1	Administration OSHA		OPEN SPACES IN PANEL 254A	cover
108	Applied Science Pre-Tiger Self-Assessment	11/19/90	power strip screwed to wall - should be hardwired	Cairns, E.J.
108	Applied Science Pre-Tiger Self-Assessment	11/26/90	need spill kits for organic solvents & caustic substances	Cairns, E.J.
108	Applied Science Pre-Tiger Self-Assessment	11/26/90	HPLC needs seismic anchoring	Cairns, E.J.
108	Applied Science Pre-Tiger Self-Assessment	11/26/90	HPLC needs sticker on contact/ names for operation assistance	Cairns, E.J.
108	Applied Science Pre-Tiger Self-Assessment	11/26/90	label hood fan switch	Cairns, E.J.
108-112	Applied Science Pre-Tiger Self-Assessment	11/19/90	unknown training level of new people	Cairns, E.J.
108-112	Applied Science Pre-Tiger Self-Assessment	11/19/90	unknown training level of new people	Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
108-112	Applied Science Pre-Tiger Self-Assessment 11/19/90	no date space on tags		Cairns, E.J.
108-112	Applied Science Pre-Tiger Self-Assessment 11/19/90	'No Smoking' signs		Cairns, E.J.
108-112	Applied Science Pre-Tiger Self-Assessment 11/19/90	bookshelves need lips		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	large power receptacle appears to be improperly installed at load center		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	material on high shelves w/ no lips		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	messy worksites		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	stack of chart rolls & manuals		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	steel plate at shin level - remove		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	doors needed on elevated cupboard		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	equipment rack needs securing		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/19/90	plug strip at room center should be hardwired		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/26/90	door to lab should be closed for fire protection		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/26/90	move coffee pot out of lab		Cairns, E.J.
109	Applied Science Pre-Tiger Self-Assessment 11/26/90	clear aisles of boxes		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/19/90	plug strip under bench top not hardwired		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/19/90	rack needs locking casters		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/19/90	compressor not secured, can roll		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	label isopropyl alcohol containers		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	cover and vent IPA container to hood		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	spill kit for isopropyl alcohol		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	respirator needed		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	seismic tie-down of experimental rack		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	operating safety & maintenance procedures needed for fog chambers, incl. NO2 cylinder		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	identify NO2 as hazardous		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	safety cutoff valve for NO2 cylinder		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	check cords and cables		Cairns, E.J.
110	Applied Science Pre-Tiger Self-Assessment 11/26/90	instruct employees in proper lifting		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	burnt out bulb		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	racks need locking casters		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	transformer on wall needs hold sealed		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	bookcase tips		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	rack + equipment not secured		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	worksite messy		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	replace burned out bulb		Cairns, E.J.
111	Applied Science Pre-Tiger Self-Assessment 11/19/90	equipment needs tie down		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/19/90	cords & tubing across floor		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/19/90	MSDS not available - no chemical inventory		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/19/90	old style twist lock to U ground receptable adaptors in use; cord & receptacle shld be replaced w/ new safety yellow cable assembly		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/19/90	apparatus have obsolete or improper cord caps; power receptacle in center of room on floor needs to be hardwired		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/19/90	messy		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/19/90	...material to be removed		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	secure ESCA equipment & portable lab benches		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	improve identification of hazardous chemicals		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	need spill kits for acids & caustics		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	complete chemical inventory		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	lockout tabs on breakers		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	remove unused equipment & chemicals		Cairns, E.J.
112	Applied Science Pre-Tiger Self-Assessment 11/26/90	empty organic waste containers		Cairns, E.J.

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
open area	Applied Science Pre-Tiger Self-Assessment	panel 46B - material in front of panel		
	11/19/90			Cairns, E.J.

BUILDING: 74

101	CMB ESRC	1/24/90	Power panel 47K15A: obsolete schedule, insufficient screws in cover; no 3' warning sticker.	
102	RMRB ESRC	1/24/90	Old Waber Strip.	
102	RMRB ESRC	1/24/90	EQ 5 file cabinets.	
102	RMRB ESRC	1/24/90	Housekeeping	
103	RMRB ESRC	1/24/90	Old Waber in exhaust hood, East wall.	
103	RMRB ESRC	1/24/90	Solenoid wired with cord. Should have connector.	
103A	RMRB ESRC	1/24/90	EQ: 2 file cabinets; bookshelf.	
103A	RMRB ESRC	1/24/90	Old Waber Strip.	
106	RMRB ESRC	1/24/90	Copper ground bus located on East wall has no real ground connection.	
106	RMRB ESRC	1/24/90	Variac used to power AC coil has exposed connections on output. Also, Variac is unfused.	
106	RMRB ESRC	1/24/90	EQ: Oven, storage cabinet.	
107	RMRB ESRC	1/24/90	EQ: 2 file cabinets, 4 gas cylinders.	
107	RMRB ESRC	1/24/90	Solenoid on experiment has cord with clamp. Should be replaced with MS type connector.	
107	RMRB ESRC	1/24/90	Power panel 47K-22; no schedule.	
109	Life Sciences ESRC	1/24/90	Housekeeping.	
109	Life Sciences ESRC	1/24/90	Fire Hose outside Rm. 109 obstructed.	
109	Life Sciences ESRC	1/24/90	Hallway outside rm. 109—EQ: Refrigerator.	
111	CMB ESRC	1/24/90	Feeder rack for 47 A,B,D needs proper schedule holders.	
111	CMB ESRC	1/24/90	No light in cubby-hole where AHU-1-74 is located.	
111	CMB ESRC	1/24/90	Housekeeping in this cubby-hole.	
111	CMB ESRC	1/24/90	47A main: obsolete schedule.	
111	CMB ESRC	1/24/90	ARU-1-74 missing butch plugs in front cover where switches used to be.	
111	CMB ESRC	1/24/90	No Auto-start sticker on the following: GP-20-74, GP-21-74, GP-23-74, GP-6-74, GP-1-74, GP-2-74.	
111	CMB ESRC	1/24/90	Exposed wires on oil boiler in SW corner of room. As much unused wiring and apparatus as possible should be removed.	
131	HCC ESRC	1/24/90	47A12A: obsolete schedule.	
131	HCC ESRC	1/24/90	47A12A14A: No schedule.	
144	Life Sciences ESRC	1/24/90	Series extension cords.	
150	Life Sciences ESRC	1/24/90	Power Panel 47D1A: obsolete schedule; needs more screws in wiring cover.	
150	Life Sciences ESRC	1/24/90	Radar box in use.	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
152	Life Sciences ESRC 1/24/90	GFI outlet recommended at sink.		
152A	Life Sciences ESRC 1/24/90	Spliced wires on X-ray machine.		
159	Life Sciences ESRC 1/24/90	Old Waber strip.		
159B	Life Sciences ESRC 1/24/90	Old Waber strip.		
159B	Life Sciences ESRC 1/24/90	EQ File Cabinet.		
159B	Life Sciences ESRC 1/24/90	Uncovered switch panel.		
159B	CMB ESRC 1/24/90	EQ: storage shelf, bookshelf, incubator, hood, refrigerator, small incubator (top of fridge), damaged line cord on incubator.		
160	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 40'	EXTEND CORRIDOR THROUGH ROOM 159B AND C	
171	Life Sciences ESRC 1/24/90	EQ: 2 bookshelves.		
174	RMRB ESRC 1/24/90	Power panel 47D11A: No ID on outside; obsolete schedule; no screws in wiring cover; 3' obstruction.		
174	RMRB ESRC 1/24/90	Power panel 47D12A: obsolete schedule.		
174	RMRB ESRC 1/24/90	GFI Outlet recommended at sink location.		
174	RMRB ESRC 1/24/90	DB/DT bipolar driver rack: no print #: transparent #2 ground cable used for high current; load leads.		
174	RMRB ESRC 1/24/90	Experiment: MHV connector, should be Reynolds on both ends.		
174	RMRB ESRC 1/24/90	Ungrounded cable tray in ceiling.		
176	RMRB ESRC 1/24/90	EQ bookshelf.		
176A	RMRB ESRC 1/24/90	EQ 2 file cabinets.		
176B	RMRB ESRC 1/24/90	Old Waber strip.		
176C	RMRB ESRC 1/24/90	Ungrounded safe light. Zip cord.		
177	INSTITUTIONAL PE/Kaiser 1 11/29/90	Boiler inspection tags from out of date inspections were found on BR-1. Boiler inspections are not documented or tracked. LBL staff does not accompany inspectors.	A master list of critical inspections of boilers, pressure vessels, and tanks should be maintained indicating date inspected, who inspected, and date of next inspection. All inspections should have LBL escort.	
177	INSTITUTIONAL PE/Kaiser 1 11/28/90	Asbestos caution signs are only posted on 2 pipes. All insulation with asbestos fittings should be posted.	Large boiler rooms should have warnings throughout the area to prevent accidental exposure to airborne asbestos materials.	
177	INSTITUTIONAL PE/Kaiser 1 11/28/90	The hydraulic pump below the "Haughton" oil tank is not enclosed and employees could come in contact with the danger zone.	Enclose all belt and pulley drives to assure employees can not come in contact with the danger zone.	
177	INSTITUTIONAL PE/Kaiser 1 11/29/90	The process for mixing boiler treatment liquids to add to make-up boiler water uses caustics in a remote location with no eyewash or established procedure to safeguard shelf.	Have EHS work with boiler techs to perform hazard analysis for operation using caustics to determine the need for formal procedures or protective equipment or eyewash station.	
177	INSTITUTIONAL PE/Kaiser 1 11/29/90	Asbestos warning labels are posted on two insulation fittings next to the exit door but the rest of the insulation in this room has no such warning. Several fittings on the chiller are damaged.	Warning labels for asbestos material should be placed throughout the room and damaged fittings resealed.	
177	INSTITUTIONAL PE/Kaiser 1 11/28/90	Lead bricks are used for door stops. Entrance to building entry.	Use lead bricks for shielding purposes only. Lead is hazardous to employees as it oxidizes easily.	
177	INSTITUTIONAL PE/Kaiser 1 11/29/90	Exit doors from the rear area are not adequately identified as safe or unsafe exit. Small lettering references that bio-hazard and radiation hazards exist and doors are alarmed.	Post "Exit" signs on doors leading to safe egress from the rear and "Not An Exit" on doors not to be used. Post proper warning signs for radiation and bio-hazards.	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
177	INSTITUTIONAL PE/Kaiser 1 11/28/90	A four plex junction box lay on the floor. This cord and plug connected equipment (extension cord) was used to provide power to the washer and dryer.	*Remove flex cord and four plex box, plug the washer and dryer directly into an outlet.*	
177	INSTITUTIONAL PE/Kaiser 1 11/28/90	Water heater WH574 is not provided with a seismic restraint.	Provide a seismic restraint to prevent tipping in the event of an earthquake.	
177	CMB ESRC 1/24/90	Power panel 47D: obsolete schedule.		
177	CMB ESRC 1/24/90	Power panel 47D6EA Emergency panel: no schedule.		
177	CMB ESRC 1/24/90	Sanitary sewer is leaking into catch bucket. Leak over MCC47C.		
177	CMB ESRC 1/24/90	EQ Storage cabinet.		
177	CMB ESRC 1/24/90	Series extension cords on old telephone terminal P.S. in SE corner.		
177	CMB ESRC 1/24/90	EQ 3 water heaters.		
197	RMRB ESRC 1/24/90	EQ: file cabinet, 3 storage cabinets.		
2001	Life Sciences ESRC 1/24/90	EQ refrigerator.		
2007	Life Sciences ESRC 1/24/90	Housekeeping.		
200C	Life Sciences ESRC 1/24/90	Power panel 47A1A: No ID.		
200E	INSTITUTIONAL Plant Ops-Self 11/30/90	EXIT TO LOADING DOCK REQUIRES PASSING THROUGH POTENTIALLY BLOCKED AREA.	PROVIDE EXIT STAIR	
200G	Life Sciences ESRC 1/24/90	Power panel 47M11A: No screws in wiring cover.		
202A	Life Sciences ESRC 1/24/90	GFI recommended.		
211	RMRB ESRC 1/24/90	EQ Incubator.		
212	Life Sciences ESRC 1/24/90	10CKT load center: No ID; No schedule.		
212	Life Sciences ESRC 1/24/90	SX2-74: Door, cords deteriorated.		
212	Life Sciences ESRC 1/24/90	Liquid tight conduit loose from valve. Wiring exposed.		
217	CMB ESRC 1/24/90	Housekeeping.		
217	CMB ESRC 1/24/90	EQ: Bookshelf, 3 file cabinets, refrigerator.		
217	CMB ESRC 1/24/90	Old Waber strip in use.		
217	CMB ESRC 1/24/90	GFI outlet at sink recommended.		
217A	CMB ESRC 1/24/90	EQ: bookshelf, shelf unit, file cabinet.		
217B	CMB ESRC 1/24/90	Housekeeping. (Moving)		
225	CMB ESRC 1/24/90	EQ: Bookshelf, 2 refrigerator, flammable material cabinet—no ground; hood; incubator.		
225	CMB ESRC 1/24/90	Input cable to Sola regulator, E. wall, damaged.		
238	Life Sciences ESRC 1/24/90	Freezer.		
238A	Life Sciences ESRC 1/24/90	GFI outlet recommended.		
238C	Life Sciences ESRC 1/24/90	EQ: 3 file cabinets, 9 refrigerators.		
238C	Life Sciences ESRC 1/24/90	Radar box in use.		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
238C	Life Sciences ESRC 1/24/90	Spliced extension cord.		
255	HCC ESRC 1/24/90	EQ: file cabinet, bookshelf, book cabinet.		
263A	Life Sciences ESRC 1/24/90	EQ: Storage cabinet.		
263B	Life Sciences ESRC 1/24/90	Outlets should be GFI at least. Perhaps hospital-rated with isolated ground?		
265	Life Sciences ESRC 1/24/90	EQ: Refrigerator.		
265	Life Sciences ESRC 1/24/90	GFI outlet recommended.		
267	Life Sciences ESRC 1/24/90	GFI outlet recommended.		
273	Life Sciences ESRC 1/24/90	GFI outlet recommended.		
277	Life Sciences ESRC 1/24/90	GFI outlet recommended.		
285	Life Sciences ESRC 1/24/90	Uncovered pull box in ceiling.		
300	Life Sciences ESRC 1/24/90	47A3A: Obstructed.		
300	Life Sciences ESRC 1/24/90	EQ 2 file cabinets.		
300A	Life Sciences ESRC 1/24/90	Obstructed fire extinguisher and hose.		
300B	Life Sciences ESRC 1/24/90	47A5A: obsolete schedule, key plan.		
300C	INSTITUTIONAL Plant Ops-Self 11/30/90	EXIT TO OBSTRUCTED BALCONY	PROVIDE EXIT STAIR	
300C	Life Sciences ESRC 1/24/90	Power panel 47D4A: obsolete schedule.		
300C	Life Sciences ESRC 1/24/90	Power panel 47D3A: obsolete schedule, needs more screws in cover.		
300C	Life Sciences ESRC 1/24/90	Power panel 47N3B: no ID, no schedule, needs screws in cover.		
300C	Life Sciences ESRC 1/24/90	EQ 2 storage cabinets.		
300E	Life Sciences ESRC 1/24/90	Power panel 47D8A: no ID, obsolete schedule.		
303	HCC ESRC 1/24/90	EQ file cabinet.		
305	CMB ESRC 1/24/90	EQ file cabinet, EQ bookshelf.		
312	CMB ESRC 1/24/90	Ungrounded safe lights.		
313	CMB ESRC 1/24/90	EQ file cabinet.		
314	HCC ESRC 1/24/90	47J12A: needs screws in wiring cover. Inadequate schedule.		
314	HCC ESRC 1/24/90	New panel: no schedule, screws, ID.		
319	CMB ESRC 1/24/90	No doors on glassware cabinet. EQ file cabinet.		
319A	CMB ESRC 1/24/90	EQ incubator. Bad line cord 7-11 refer box.		
320	Life Sciences ESRC 1/24/90	47A5 A16A: obsolete schedule.		
320	Life Sciences ESRC 1/24/90	Cord with in line switch. No strain relief.		
323	HCC ESRC 1/24/90	EQ: file cabinet, bookshelf.		
330	HCC ESRC 1/24/90	EQ: 2 refrigerators, lo-temp freezer, 9 bookshelves.		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
330	HCC ESRC 1/24/90	Old Waber (not in use).		
330	HCC ESRC 1/24/90	500V P.S. Deteriorated cord. No strain relief on line cord.		
330	HCC ESRC 1/24/90	EQ: No doors on glass cabinet.		
331	CMB ESRC 1/24/90	EQ: freezer, 2 incubators, hood, refrigerator.		
336	RMRB ESRC 1/24/90	EQ: storage cabinet, refrigerator.		
336	RMRB ESRC 1/24/90	H.V. P.S. 1 kV/200MA (Children's Hosp. #3-00277): banana plug outlets; no interlock.		
336	RMRB ESRC 1/24/90	H.V. P.S. (LKB 2197): marked "Danger High Voltage"; no indication of capability; no interlock.		
336	RMRB ESRC 1/24/90	Open glassware cabinet.		
Mezz.	RMRB ESRC 1/24/90	Housekeeping.		
none	INSTITUTIONAL PE/Kaiser 1 11/28/90	"The flammable storage cabinet is used to store acids (sulfuric, nitric, hydrochloric) and flammables (alcohol chloroform, ethyl alcohol)."	"Mixed" storage should not be allowed. Store acids, and bases, and flammables separately."	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No valve exists for pad drain.	Install a new lockable drain valve.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Bldg 83 main circuit breaker not lockable, no voltage sign.	Install a locking device; post approved high-voltage warning sign.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Substation needs fence for security.	Install a new approved fence with a lockable gate.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	ADF-1-74 no voltage sign.	Post approved high-voltage warning signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Enclosed circuit breaker not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Housekeeping needed.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 12/10/90	C&M vehicles do not have access to equipment.	Stripe parking area to restrict parking in access areas.	
yard	Life Sciences ESRC 1/24/90	EQ many gas cylinders in storage rack.		
yard	Life Sciences ESRC 1/24/90	EQ hazard. Heavy items stored overhead. Narrow; no safe exit. Freezers and other eqpt. not EQ secured.		

BUILDING: 74/83

none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-61.	Provide start-up and operating instructions.	

BUILDING: 74B

Life Science area	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: near the hood in the source preparation lab at the Life Science area, tags for listing waste contents were attached to several radioactive waste receptacles. The receptacles contained waste material but no entries were made on the tag.		Kloepfing, R.

BUILDING: 75

	EPH&S Self Assessment 11/13/90	Procedures should be rewritten in greater detail especially in packaging for R.A.M. shipments	Rewrite Procedures	Harvey, R.
	EPH&S Self Assessment 11/12/90	The responsibilities for shipping and transportation of R.A.M. are not clearly defined and documented.	Develop an organization chart defining the responsibilities for shipping and transportation of R.A.M.	Harvey, R.
	EPH&S Self Assessment 11/12/90	Aside from manufacturer's update schedules, there is no formal maintenance/inspection and Q.A. program for N-55 overpack.	Develop maintenance/inspection schedule and Q.A. program for N-55 overpack	Harvey, R.
	EPH&S Self Assessment 11/12/90	Health Phy: No formal operational meetings, although there are many short, daily meetings.	Formalize meetings with notes and/or minutes.	Haley, J.
100B	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 80'	EXTEND CORRIDOR 25' THROUGH ROOM 123	

BUILDING: 75

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
109	EPH&S OSHA 6/25/90	Secure Computers	Velcro secured	Yes November 2, 1990 Sealy
112	EPH&S OSHA 6/25/90	Secure Computers	Velcro secured	Yes October 31, 1990 Sealy
75-113	EPH&S Self Assessment 11/12/90	Incoming packages for researchers opened and checked on a workbench top. This task should be performed in a fume hood.	Evaluate problem with air sending; install fume hood if required.	Harvey, R.
N/A	EPH&S Self Assessment 11/12/90	The 18 point Q.A. Plan for EH&S transportation needs to be completed	Develop Q.A. Plan	Harvey, R.
NA	EPH&S LBL Self Assessment 10/31/90	EH&S Retirements.	Replace safety leadership personnel.	Hernandez, P.
none	INSTITUTIONAL PE/Katser 2 11/28/90	EG-52 is due for replacement and will be upgraded to Level-1.	Install new EG to Level-1 requirements.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Furnace GH-3-75 is missing the air flow switch which supplies 3 remote units.	Install new air flow switches.	

BUILDING: 75 yard

EPH&S DHS Inspection 11/29/90	One acid storage drum is incompletely labeled.	Label correctly.	Aune, R.

BUILDING: 75/76

EPH&S Self Assessment 11/21/90	No formal procedure has been written for radiological Gamma and Alpha pulse height analysis	Document procedures	Schleimer, G.

BUILDING: 75,75A

EPH&S Self Assessment 11/12/90	LBL internal audits are required. EH&S transportation, instrumentation, Waste Disposal.	Environment & Safety Compliance Dept to conduct audits when fully staffed	Haley, J.

BUILDING: 75G - (mislabeled yard shed)

EPH&S DHS Inspection 11/29/90	Drum and container storage has inadequate aisle space for required inspections/normal traffic.	Create adequate aisle space.	Aune, R.

BUILDING: 76

103	Administration Electrical 1/16/90	Pumps GP-1-76 & GP-2-76 should have local electrical disconnects.	Install	Yes December 11, 1990
103	Administration Electrical 1/16/90	No auto-start warning on compressor	Install	Yes December 11, 1990
105	Administration OSHA	NO REGULATOR OR GAUGE ON HOUSE AIR QUICK DISCONNECT OUTLETS	Job Order # 111101 initiated w/C&M to install	Yes November 20, 1990
105	Administration Electrical 1/16/90	Grinder: Bad Cord at Cap.	replace	Yes November 2, 1990 Nielsen, D.
105	Administration Electrical 1/16/90	Drill Press: Loose flex conduit at motor	repair	Yes November 2, 1990 Nielsen, D.
105	Administration Electrical 1/16/90	Electrolite supply drum should either be vented and spill protected or located out-of-doors.	Job # 129751 to correct and move battery acid activity started 10/26/90.	
105	Administration Electrical 1/16/90	Outlets should be GFI protected	Install	Yes November 2, 1990 Nielsen, D.
105	Administration Fire Inspection 7/3/90	Secondary containment and a liquid tight floor shall be provided for the drum of sulfuric acid located in Rm 105. (80.314) UFC	Job # 129751 to correct and move battery acid activity started 10/26/90. Plan to move acid outside being reviewed by Plant 9/7; Job order waiting final fire & E&HS approval. Mech Shops sched. to start job week of Oct 1. 9/28- no change in schedule. 10/22- Target completion date is at the time of completion of fuel tank replacement.	
105	Administration Livermore 11/14/90	Safety glasses station inadequate	Install adequate station	
105	Administration Livermore 11/14/90	Light fixtures softwired	Hardwire fixtures	
105	Administration Livermore 11/14/90	Grinder guards out of place	Keep guards in place	

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
105	Administration <i>Livermore</i> 11/14/90	Drill press and grinder soft wired	Hard wire drill press and grinder	
105A	Administration <i>Electrical</i> 1/16/90	Truck batteries stored in this room. Is there adequate ventilation for them?	evaluate	Yes November 2, 1990 <i>Nielsen, D.</i>
105A	Administration <i>Electrical</i> 1/16/90	Lips: heavy brake drums, stored on upper shelves	install	Yes November 2, 1990 <i>Nielsen, D.</i>
105A	Administration <i>Livermore</i> 11/14/90	EQ restraint on shelving lacking	Install restraining device	Yes November 28, 1990
105A	Administration <i>Livermore</i> 11/14/90	Waste oil tank lacks containment	Provide containment	
105A	Administration <i>Livermore</i> 11/14/90	No empty spray can containment	Empty spray can containment needed	Yes November 19, 1990
105A	Administration <i>Livermore</i> 11/14/90	No stepladder storage location	Stepladder storage location needed	
109	Administration <i>OSHA</i>	NO REGULATOR OR PRESSURE GAUGE ON HOUS AIR QUICK DISCONNECT	21. Job Order # 111101 initiated w/C&M to install.	Yes November 20, 1990
109	Administration <i>Electrical</i> 1/16/90	Sign: 208V outlet over sink is unlabeled	post	Yes November 2, 1990 <i>Nielsen, D.</i>
109	Administration <i>Electrical</i> 1/16/90	Seismic tie down: cabinet near door to Rm. 105	secure	Yes November 2, 1990 <i>Nielsen, D.</i>
109	Administration <i>Livermore</i> 11/14/90	Nonstandard scooter tire changing device	Engineering analysis required	
109	Administration <i>Livermore</i> 11/14/90	Nonstandard vehicle hoist	Engineering analysis required	
109	Administration <i>Livermore</i> 11/14/90	3' striping missing at fire box	Fire Marshall evaluation needed	
109	Administration <i>Livermore</i> 11/14/90	Signs: Remark eyewash station signs	post	
109	Administration <i>Livermore</i> 11/14/90	Exposed wire on hyphen pump	Correct	
109	Administration <i>Individual</i> 12/12/90	Grease Gun Assembly leaks & retractors worn out	replace	
109B	Administration <i>Electrical</i> 1/16/90	Housekeeping	clean	<i>Nielsen, D.</i>
109B	Administration <i>Electrical</i> 1/16/90	Seismic tie down: bookshelf, metal shelving, 2 file cabinet, service desk, cabinet	secure	<i>Nielsen, D.</i>
109B	Administration <i>Electrical</i> 1/16/90	Radar Box	replace	Yes November 2, 1990 <i>Nielsen, D.</i>
115	Administration <i>Electrical</i> 1/16/90	Wiremold multiple outlet strip screwed to wall is fed through cord from wall outlet	replace/rewire	Yes November 2, 1990 <i>Nielsen, D.</i>
115	Administration <i>Electrical</i> 1/16/90	Seismic tie down: 3 file cabinet	secure	Yes November 2, 1990 <i>Nielsen, D.</i>
115	Administration <i>Livermore</i> 11/14/90	No hill page speaker	Install speaker	
115	Administration <i>Livermore</i> 11/14/90	Secondary containers not properly marked	Mark containers	
115	Administration <i>Livermore</i> 11/14/90	Housekeeping inadequate	Correct inadequate housekeeping	
115A	Administration <i>Electrical</i> 1/16/90	Seismic tie down: storage cabinet	secure	Yes November 2, 1990 <i>Nielsen, D.</i>
115C	Administration <i>Electrical</i> 1/16/90	Seismic tie down: file cabinet	secure	<i>Nielsen, D.</i>
123	Administration <i>OSHA</i>	NO REGULATOR OR PRESSURE GAUGE ON HOUSE AIR QUICK DISCONNECT	21. Job Order # 111101 initiated w/C&M to install.	Yes November 20, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
123	Administration Electrical 1/16/90	Obsolete schedule & more screws in wiring door for power panel 64AB4	post/repair	Yes November 2, 1990 Nielsen, D.
123	Administration Electrical 1/16/90	Obsolete schedule & no 480 V Sticker & more screws in wiring door for power panel 72B7A	post/repair	Yes November 2, 1990 Nielsen, D.
123	Administration Electrical 1/16/90	No ID or feeder bkr info for AB control box on W. wall.	post	Yes November 2, 1990 Nielsen, D.
123	Administration Livermore 11/14/90	Tires in rack unsecured	Secure tires	Yes November 28, 1990
123	Administration Livermore 11/14/90	No flammable storage cabinet	Secure flammable storage cabinet	
123	Administration Livermore 11/14/90	Face shield defective and chipped	Secure proper face shield	
123	Administration Livermore 11/14/90	Air hose hung on valve	Secure with proper holder	Yes November 26, 1990
123	Administration Livermore 11/14/90	Office egress unclear	Technical evaluation required	
123	Administration Livermore 11/14/90	No exit sign on man door	Post exit sign	
123	Administration Livermore 11/14/90	Electrical panel box unlabeled	Label panel box	
123	Administration Livermore 11/14/90	No lockout for circuit breaker	Technical evaluation needed	
123	Administration Livermore 11/14/90	Electrical panel schedule missing	Secure schedule	
123A	Administration Electrical 1/16/90	Waber screwed to wall	replace	Yes December 11, 1990
123B	Administration Electrical 1/16/90	Seismic tie down: refrigerator, book shelf	secure	Nielsen, D.
123B	Administration Electrical 1/16/90	Radar box	replace	Yes November 2, 1990 Nielsen, D.
129	Administration Electrical 1/16/90	Obsolete schedule & more screws in wiring cover for power panel 72B	post/repair	Yes November 2, 1990 Maxson, C.D.
136	EPH&S Self Assessment 11/21/90	Control charts and X ² Tests are not routinely used to demonstrate counting standards trends.	Develop and enforce procedure.	Schleimer, G.
136	EPH&S Self Assessment 11/21/90	Signal (etc.) cables between instruments are routed on heating ducts and conduit. Cable trays should be installed.	Install cable racks	Schleimer, G.
136	EPH&S Self Assessment 11/21/90	Signal (etc.) cables between instruments are routed on heating ducts and conduit. Cable trays should be installed.	Install cable racks	Schleimer, G.
202	Administration OSHA	NO FIRE EXTINGUISHER	Not needed per Chief Hernandez DATE_____?	Yes December 6, 1990
202	Administration OSHA	LADDERS NOT PROPERLY SECURED	secure	Yes November 26, 1990
202	Administration Electrical 1/16/90	Seismic tie down: book shelf	secure	Yes November 11, 1990 Maxson, C.D.
202A	Administration OSHA	NO PRESS GUAGE ON KC-14-76	install	
202A	Administration OSHA	NO LOCKING DEVICE FOR AIRSUPPLY TO SAND BLASTER	install	
202A	Administration OSHA	INADEQUATE LABELLING ON AIR HOSES/PIPING	label	
202A	Administration OSHA	INADEQUATE VENTILATION FOR PARTS CLEANER	evaluate/repair	
202A	Administration Electrical 1/16/90	Seismic tie down: 2 cabinet, 2 book cabinets, drawer cabinet	secure	Yes November 11, 1990 Maxson, C.D.
202M	Administration Electrical 1/16/90	Seismic tie down: 3 cabinet, shelves	secure	

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
212	Administration OSHA	EXPIRED ELEVATOR PERMITS	obtain	
212	Administration OSHA	FIRST AID KIT NO INSPECTED, REPLENISHED, OR APPROVED	obtain	
212	Administration OSHA	TRAINING PROGRAM	establish	
212	Administration OSHA	LIFT TRUCK OPERATING RULES, POSTING	post	
212	Administration OSHA	FIRST AID TRAINING	train	
212	Administration OSHA	ELECTRICIANS NOT FAMILIAR W/OSHA ELECT SAFETY ORDERS	train	
212	Administration OSHA	NO GFI INSTALLED ON COOLER OUTLET	install	
212	Administration OSHA	INADEQUATE ACCESS TO ELECTRIC PANELS OUTSIDE SUPV OFFICE	clear area	
212	Administration OSHA	VENDING MACHINES NOT SECURED	secure	
212	Administration Electrical	1/16/90 Seismic tie down: 19 storage cabinet, 3 dispensing machine, bookshelf, 13 parts cabinet, 13 file cabinet, milling machine, hydraulic press, parts washer, bead blaster, stored ladders, 2 wooden tool cabinet, 3 grinder table, w. center of room, drill press, no. center of room.	secure	Yes November 11, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 Seismic tie down: heavy items stored on top of shelves overhead, SW	secure	Yes November 26, 1990
212	Administration Electrical	1/16/90 No cover on outlets at milling machine.	Locked & Tagged Out of Service	Yes December 3, 1990
212	Administration Electrical	1/16/90 4x4 without cover, a. wall	install	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 No schedule & more screws in wiring cover for power panel 72B3A	post/repair	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 Obsolete schedule & more screws in wiring cover for power panel 64A6A	post/repair	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 Obsolete schedule & more screws in wiring cover for power panel 64A5A	post/repair	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 BREAKER HA "OFF" TAG - Is energized?	evaluate	Yes November 26, 1990
212	Administration Electrical	1/16/90 Obstructed, schedule inaccessible, no CB current indicated for power panel 72B6A	clear/post	Yes November 29, 1990
212	Administration Electrical	1/16/90 Obstructed, schedule inaccessible, no CB current indicated for power panel 64A7A	clear/post	Yes November 29, 1990
212	Administration Electrical	1/16/90 Obstructed power panel 64A5A3	clear	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 Extension Cords are secured to East Wall.	replace	Yes November 26, 1990
212	Administration Electrical	1/16/90 Workbench power distribution used cords, not armor or conduit.	replace	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 No ID on outlets on benches	id	Yes November 21, 1990
212	Administration Electrical	1/16/90 Uncovered Pull Box	install cover	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical	1/16/90 Low voltage wires tied to sprinkler pipes	rewire	Yes November 26, 1990
212	Administration Electrical	1/16/90 Inadequate protection for user and observers or casual passers-by.	Stop Use	Yes November 26, 1990
212	Administration Electrical	1/16/90 No interlocks or disconnect, no physical barrier, no signs, etc	Stop Use	Yes November 26, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
212	Administration Electrical 1/16/90	Controls are Blocked and not identified well.	Stop Use	Yes November 26, 1990
212	Administration Electrical 1/16/90	Transformer mounted on column, W. Center of rm, no ID or SPECS	post	Yes November 2, 1990 Maxson, C.D.
212	Administration Electrical 1/16/90	Cord runs from electric time clock to points east. (We're told it goes to the capenter/ paint shop bell)	evaluate/rewire	Yes November 26, 1990
212	INSTITUTIONAL PE/Katser 1 11/26/90	The lathes and pipe threaders have rotating parts (jaws) that are not guarded. Presenting hazard to the operator.	Provide chuck guards to all pieces of equipment that pose a hazard to the operator from rotating parts.	
212	INSTITUTIONAL PE/Katser 1 11/26/90	Horizontal metal cutting band saws did not have the un-used portions of the blade guarded creating open cutting surface hazard.	Provide a guard to protect the unused portions of the metal cutting band saws.	
212	INSTITUTIONAL PE/Katser 1 11/26/90	"Shop machinery: vertical mills, drill presses. Chip deflectors were not provided to protect the operator."	"Assure chip deflectors are available for use, and used, when using equipment that might cast off scrap turning material."	
212	INSTITUTIONAL PE/Katser 1 11/26/90	Plastic container of a chemical was located in gray cabinet and was not labeled as to its contents.	All containers of chemicals and/or materials should be identified as their contents.	
212	INSTITUTIONAL PE/Katser 1 11/26/90	"Wire rope on the ladder had eye splices made using wire rope clamps. Some of the clamps were incorrectly installed, and may fail."	The saddle of the clamp must be on the non-load side. Clamps must be correctly spaced in a number which is consistent with the diameter of the wire rope. Clamp must be on the load side.	
212 MZ	Administration Electrical 1/16/90	No ID on emergency power outlets	post	Yes November 2, 1990 Maxson, C.D.
212A	Administration OSHA	C & M RADIO CARGERS NOT SECURE	secure	
212B	Administration OSHA	FILING CABINETS NOT SECURE	secure	
212C	Administration OSHA	STORAGE CABINET NOT SECURE	secure	
212C	Administration Electrical 1/16/90	Light table wired with cords. Should be armored or conduit.	evaluate	
212C	Administration Electrical 1/16/90	No ID & additional screws on power panel 64A	post/repair	Yes November 2, 1990 Maxson, C.D.
212C	Administration Electrical 1/16/90	Seismic tie down: stacked cabinet	secure	
212D	Administration Electrical 1/16/90	Seismic tie down: bookshelf/ door to 212E not shown	secure	
212G	Administration Electrical 1/16/90	Radar boxes	replace	Yes November 26, 1990
212G	Administration Electrical 1/16/90	Seismic tie down: heavy items stored overhead	secure	Yes November 26, 1990
212H	Administration Electrical 1/16/90	Uncovered pull box	install	Yes November 2, 1990 Maxson, C.D.
212H	Administration Electrical 1/16/90	Seismic tie down: bookshelf	secure	
212J	Administration Electrical 1/16/90	Seismic tie down: 3 file cabinets	secure	
212K	Administration OSHA	SIGN: NO EH&S INSPECTION TAG ON MICROWAVE OVEN / EVALUATION	req inspection	
212K MZ	Administration Electrical 1/16/90	Seismic tie down: 6 cabinets	secure	Yes December 4, 1990
212KMZ	Administration Electrical 1/16/90	Heavy stuff stored overhead	secure or remove	Yes December 4, 1990
212MZ	Administration OSHA	SPRINKLER PIPE IN WALKWAY	replace	
212MZ	Administration OSHA	LOW HEADROOM DUE TO PIPING	evaluate	
212MZ	Administration OSHA	EMCS WIRING NOT SECURED	secure	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
212MZ	Administration Electrical 1/16/90	Housekeeping	clean	Yes November 2, 1990 Maxson, C.D.
212MZ	Administration Electrical 1/16/90	Wires secured to conduit	secure wires	
212MZ	Administration Electrical 1/16/90	Seismic tie down: 2 file cabinets, 3 shelves	secure	
212MZ	Administration Electrical 1/16/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Maxson, C.D.
212MZ	Administration Electrical 1/16/90	Housekeeping	clean	Yes November 2, 1990 Maxson, C.D.
212MZ	Administration Electrical 1/16/90	Housekeeping	clean	Yes November 2, 1990 Maxson, C.D.
212MZ	Administration Electrical 1/16/90	Seismic tie down: file cabinet, wooden cabinet	secure	Yes November 2, 1990 Maxson, C.D.
212MZ	Administration Electrical 1/16/90	Wires tied to conduits	rewire	
214	Administration OSHA	NO PRESS GAUGE/REGULATOR ON SOME OUTLETS	install	
221	Administration Electrical 1/16/90	Unlabeled chemicals	label	Yes November 26, 1990
221	Administration Electrical 1/16/90	Radar Box	replace	Yes November 2, 1990 Maxson, C.D.
221	Administration Electrical 1/16/90	Seismic tie down: wooden cabinet	secure	Yes November 26, 1990
221	INSTITUTIONAL PE/Kaiser 1 11/28/90	"The electrical outlet, located directly above the sink, was not GFCI equipped."	Provide a GFCI unit to this outlet.	
221	INSTITUTIONAL PE/Kaiser 1 11/29/90	No chemical inventory exists in this area and acids and caustics are in use.	Maintain a list of the chemicals in this area and ensure that MSDS are available.	
222	Administration OSHA 5/30/90	FIRE EXTINGUISHER TRAINING	train	
222	Administration Electrical 1/16/90	Wiremold multiple outlet strip w/ cord screwed to wall	Replace w/ new Waber	Yes November 26, 1990
222	INSTITUTIONAL PE/Kaiser 1 11/26/90	Sign was not positioned on the door of the Machine Shop to warn employees of the requirement for eye protection.	Recommend that a sign be affixed to the door warning employees of the safety glass requirement. Safety glass box should be located adjacent to that area.	
222D	Administration Electrical 1/16/90	Seismic tie down: file cabinet	secure	
222D	Administration Electrical 1/16/90	Housekeeping	clean	Yes November 26, 1990
222D	Administration Electrical 1/16/90	Old Waber	replace	Yes November 2, 1990 Maxson, C.D.
222E	Administration Electrical 1/16/90	Spike Protector Plugged into Waber / door changed from key plan	replace / change key plan	Yes November 2, 1990 Maxson, C.D.
223	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 40'	EXTEND CORRIDOR 35' THROUGH ROOM 212	
224	Administration Electrical 1/16/90	Blocked & no schedule for power panel 64A2A15	clear / post	Yes November 26, 1990
224	Administration Electrical 1/16/90	Blocked & no schedule for power panel 64A2A21	clear / post	
224	Administration Electrical 1/16/90	Seismic tie down: 2 cabinets, bottom or 4 gas cylinder, drill press, grinder, argon cylinder	secure	Yes December 4, 1990
224	Administration Electrical 1/16/90	No ID 2 - 60 AMP, 208 VAC Outlets S. Wall	identify	Yes November 2, 1990 Maxson, C.D.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
227	Administration Electrical 1/16/90	PA Speaker not secured. Could fall into toilet stall.	secure	Yes November 26, 1990
228	Administration Electrical 1/16/90	Insufficient screws on wiring door, all power panels in hallway	repair	Yes November 2, 1990 Maxson, C.D.
228	Administration Electrical 1/16/90	No 480V ID on 72B5A Power Panel	post	Yes November 2, 1990 Maxson, C.D.
228	Administration Electrical 1/16/90	No 480V ID on 72B1A Power Panel	post	Yes November 2, 1990 Maxson, C.D.
228	Administration Electrical 1/16/90	Panel 64A3A Breaker taped off, no explanation / door to 234C sealed off. Not on key plan.	evaluate/ check key plan	Yes November 2, 1990 Maxson, C.D.
228C	Administration Electrical 1/16/90	Seismic tie down: file cabinet	secure	Yes November 26, 1990
233	Administration OSHA	NO ILLUMINATED EXIT SIGN	evaluate	
233	Administration Electrical 1/16/90	Seismic tie down: 4 file cabinets	secure	
233A	Administration Electrical 1/16/90	Seismic tie down: print storage rack	secure	Yes November 26, 1990
233M	Administration Electrical 1/16/90	uncovered junction box	repair	Yes November 2, 1990 Maxson, C.D.
233M	Administration Electrical 1/16/90	No permanent ladder	obtain	Yes November 26, 1990
233M	Administration Electrical 1/16/90	Seismic tie down: 4 file cabinets	secure	Yes November 26, 1990
233M	Administration Electrical 1/16/90	Large nylon cargo net, Class A fire hazard, stored in pile in corner	evaluate	
233M	Administration Electrical 1/16/90	Switch, appearing to be 110V, with cords, mounted on wall. Cords, secured to wall disappear to parts unknown.	evaluate	Yes November 26, 1990
234	Administration OSHA 5/30/90	LABEL: LABELS ON LADDER PAINTED OVER	label	
234	Administration OSHA 5/30/90	EQUIPMENT NOT PROPERLY MOUNTED	mount	
234	Administration Electrical 1/16/90	S. wall- radar box	replace	Yes November 26, 1990
234	Administration Electrical 1/16/90	Seismic tie down: door rack - E. Wall	secure	Yes November 30, 1990
234	Administration Electrical 1/16/90	Disconnect for radial saw not labeled w/ bkr disconnect or 480V warning.	label	Yes November 2, 1990 Maxson, C.D.
234	Administration Electrical 1/16/90	Seismic tie down: scrap plywood and panel cabinet	secure	Yes November 30, 1990
234	Administration Electrical 1/16/90	Seismic tie down: flammable cabinet	secure	Yes November 2, 1990 Maxson, C.D.
234	Administration Electrical 1/16/90	Ground missing	install	
234	Administration Electrical 1/16/90	Seismic tie down: storage cabinet/ heavy material stored precariously above head height	secure	Yes November 30, 1990
234	Administration Electrical 1/16/90	Book shelf		Yes November 26, 1990
234	Administration Electrical 1/16/90	No feeder ID on Table Saw - center areas	label	Yes November 2, 1990 Maxson, C.D.
234	Administration Electrical 1/16/90	Cord Damaged at Grinder	rewire	Yes November 2, 1990 Maxson, C.D.
234	Administration Electrical 1/16/90	Seismic tie down: Plywood cut-off table (vertical)	secure	Yes November 30, 1990

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
234	Administration Electrical 1/16/90	Controls on 24" planer not identified	label	Yes November 2, 1990 Maxson, C.D.
234	Administration Electrical 1/16/90	Seismic tie down: cabinet near 234B entrance, refrigerator, 2 cabinets, coffee mess	secure	Yes November 2, 1990 Maxson, C.D.
234	INSTITUTIONAL PE/Kaiser 1 11/26/90	The band saw had a blade guard that allowed the backside of the unused portion of the blade to be exposed to contact.	All unused portions of band saw blades must be enclosed. Extend the existing guard to assure the employee can not come in contact with the blade.	
234	INSTITUTIONAL PE/Kaiser 1 11/26/90	The planer had guard which did not enclose the power transmission equipment e.g. gear to gear drive belt drive etc.	Close off the existing guards to assure that all danger zones are protected from employee entry. Assure that all power transmission devices are enclosed from accidental contact.	
234A	Administration OSHA 5/30/90	EMPLOYEE PROPER USE OF FIRE EXTINGUISHER CLASS	train	
234A	Administration OSHA 5/30/90	CONTACT CEMENT TABLE NEEDS FUME HOOD	install hood	
234D	Administration Electrical 1/16/90	Cord runs through doorway to refrigerator	rewire	Yes November 2, 1990 Maxson, C.D.
235	Administration Electrical 1/16/90	Seismic tie down: 7 storage cabinets, stencil storage shelf, 2 oven, 2 flammable cabinet, file cabinet	secure	Yes November 2, 1990 Maxson, C.D.
235	Administration Electrical 1/16/90	Flammable cabinet not grounded	ground	Yes November 2, 1990 Maxson, C.D.
235A	Administration Electrical 1/16/90	Seismic tie down: microwave oven	secure	
Basement	EPH&S OSHA 6/25/90	Secure refrigerator	Referred to sheet metal	Sealy
Basement	EPH&S OSHA 6/25/90	Secure Computers	Velcro secured	Yes November 2, 1990 Sealy
NONE	Administration OSHA	MAIN WALKWAY TO OFFICE NOT WELL MARKED	To be painted after fuel tank replacement job completed.	
NONE	Administration OSHA	NO CLEAN-OUT PORTS/DOORS IN EXHAUST DUCT HORIZONTAL RUNS Institutional Responsibility	Referred to Plant Engr. for evaluation.	
NONE	Administration OSHA	FIRE EXTINGUISHER NOT MOUNTED	mount	
NONE	Administration OSHA	(AC-6-80) UNIT NOT PROPERLY SECURED	secure	
NONE	Administration OSHA	BARRELS NOT RESTRAINED	secure	
NONE	Administration OSHA	ELEVATED SURFACE NOT IDENTIFIED BY YELLOW PAINT	paint	
NONE	Administration OSHA	FLAMMABLE STORAGE CABINETS NOT GROUNDED	ground	Yes November 26, 1990
none	Administration SAN	Expanded metal guard needed on emergency generator exhaust	A job order has been formulated in C&M to effect the correction required. It will be scheduled for implementation in mid-October. 10/4/90 - Job Order activated (#111038); estimated cost \$700; estimated completion date 10/19/90.	
none	Administration SAN	Stair & roll-up door markings	A job order has been formulated to mark the stairs and roll-up doors in Bldg. 76. It will be implemented after October 1st. 10/4/90 - Job Order activated (#111036); estimated cost \$900; estimated completion 10/31/90.	

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration SAN	Sprinkler head clearance impaired	A C&M job order has been formulated to relocate the sprinkler head as necessary to improve its effectiveness and comply with the code. The work should be complete in October. 10/3/90 - Job Order activated (#11034); estimated cost is minimal; estimated completion 10/31/90.	
none	Administration SAN	Code coding motor vehicle fuel pump barricades	This area in B76 was scheduled for rework. The barricades will be removed. The project is now scheduled to start mid-October / November 1st. 10/4/90 - No new info.	
none	Administration Electrical 1/16/90	Seismic tie down: Storage cabinet, W. end	secure	Yes November 2, 1990 Nielsen, D.
none	Administration Electrical 1/16/90	Seismic tie down: Heavy Storage Rack (Fork Lift Type)	secure	Yes November 2, 1990 Nielsen, D.
none	Administration Electrical 1/16/90	Seismic tie down: Very heavy items on top level w/o restraint (sheet metal)	secure	Yes November 2, 1990 Nielsen, D.
none	Administration Electrical 1/16/90	Seismic tie down: 3 gas cylinders & 5 flammable material cabinets	secure	
none	Administration Electrical 1/16/90	Flammable material cabinets not grounded	ground	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Seismic tie down: large storage shelf	secure	
none	Administration Electrical 1/16/90	Flammable cabinet not grounded	ground	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Electrical fixtures not explosion proof	replace w/ appropriate fixtures	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Sprinklers obstructed	remove obstruction	
none	Administration Electrical 1/16/90	No schedule & breaker box and other hardware not rain tight in panel 64ASA49A, 10 ckt	post/repair	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No GFI outlets	install	
none	Administration Electrical 1/16/90	Floor rotted away	replace	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Seismic tie down: acid bottle better	secure	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No main electrical disconnect for this bldg/area.	install	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No catch trays under barrel spigots	install	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No rain cover	install	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Can't access. Key does not work.	re-key	
none	Administration Electrical 1/16/90	No Catch Tray Under Spigots	install	
none	Administration Electrical 1/16/90	No Schedule, Panel 72B6C	post	
none	Administration Electrical 1/16/90	No abrasion protection or strain relief at cable to compressor motor control (Compressor KC1476	install	Yes November 2, 1990 Maxson, C.D.

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Electrical 1/16/90	No lightning arrestor on RG58/U cable at transmitter in 212 MZ. (C&M Radio net antenna tower mounted on 2nd ridge from west.)	install	
none	Administration Electrical 1/16/90	No lightning arrestor on RG58/U Cable at Transmitter in 212 MZ (Bldg mgr antenna tower mounted on 3rd ridge from west.)	Ideal place to put spark gap is where foam cable changes to RG58	
none	Administration Electrical 1/16/90	76-AC-1221, no indication of feeder breaker location.	Identify & post	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No ID, no local disconnect, no indication of feeder breaker location for blower at 3rd valley from west.	post	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No indication of feeder breaker location - AC Unit at 3rd Valley from west	post	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No ID or no indication of feeder breaker location for blower at 4th ridge from west.	post	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No ID - heater at 4th valley from west (handwritten ID - HCRXE-75 72662?)	post	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	No indication of feeder breaker location	label	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Seismic tie down: Storage Containers, East end of bldg.	secure	Yes November 2, 1990 Maxson, C.D.
none	Administration Electrical 1/16/90	Seismic tie down: container, East end of Bldg	secure	
none	Administration Electrical 1/16/90	Many radar boxes and other obsolete and non-standard cords	replace	Yes November 21, 1990
none	Administration Electrical 1/16/90	Old heaters (no tip switch) stored.	dispose	Yes November 21, 1990
none	Administration Electrical 1/16/90	Lips: heavy items stored above head height	secure	
none	Administration Electrical 1/16/90	Unable to access. Key does not work.	re-key	Yes November 26, 1990
none	Administration Electrical 1/16/90	Seismic tie down: book self	secure	
none	Administration Electrical 1/16/90	No feeder bkr info on outlets	post	
none	Administration Electrical 1/16/90	Seismic tie down: 3 gas cylinders (no support)	secure	
none	Administration Electrical 1/16/90	Seismic tie down: cabinet by door "Emergency Equipment"	secure	
none	Administration Electrical 1/16/90	Radar boxes stored.	replace	Yes November 2, 1990 Maxson, C.D.
none	Administration Fire Inspection 7/3/90	Dumpster to be located 5ft beyond bldg entrance (Sec. 11.201(d) UFC)	relocate	
none	Administration Fire Inspection 7/3/90	Locate gas tanks away from welding shop exit (Sec. 82.112(b)) UFC	relocate	
none	Administration Fire Inspection 7/3/90	Carpenter shop dust collecting system is not efficient	Design Problem a) an explosion venting system should be provided for the dust collector to relieve the magnitude of a possible explosion. Vent should be sized and located in accordance with the provisions of NFPA 69. b) the dust collector's electrical components and associated circuit wiring should be in accordance with NFPA 70 as specified for a Class II Div 1 or 2 classification.	
none	Administration Fire Inspection 7/3/90	Storage on shelves 18" below sprinklers (NFPA 13 4-2.5))	evaluate	Yes November 11, 1990 Maxson, C.D.

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Fire Inspection 7/3/90	Additional exit is required for the Paint Shop (3320) (3304e) UBC	install	
none	Administration Fire Inspection 7/3/90	Paint spray-booth requires man-door exit that swings in the direction of egress (Sliding doors are unacceptable) (3044A)UBC	replace	
none	Administration Fire Inspection 7/3/90	Open faced spray-booths require the proper electrical circuit wiring (4-7.2) NFPA 33	Open faced spray booths that are not equipped with interlocked systems are required to comply with Class I, Div II electrical circuit wiring for a radius of 10'-0" located in front of booth opening. Additionally electrical circuits located within a 3'-0" radius above the booth adjacent to any opening shall comply with a Class I, Div II classification.	Yes November 26, 1990
none	Administration Fire Inspection 7/3/90	Install air tight gaskets to prevent vapors of escaping (3-5) NFPA 33	An effective air tight barrier (gaskets) should be provided for the glass panels located within the booth to prevent vapors reaching the lighting units.	
none	Administration Fire Inspection 7/3/90	Place flammable liquids in an approved storage room not in a storage cabinet	An approved flammable liquid storage room designed and constructed in accordance with Sec (901d) UBC should be provided. Currently, a flammable liquid storage cabinet is located adjacent to the paint shops only approved exit.	Yes November 11, 1990 Maxson, C.D.
none	Administration Fire Inspection 7/3/90	Provide a ground fault interrupter outlet and locate near the emergency eyewash station	install	Yes November 26, 1990
none	Administration Fire Inspection 7/3/90	Exit doors must open freely w/out resistance (3304) UBC	The exit door between the machine shop and EH&S is rubbing against the floor. Such door is required to open freely without resistance	Yes December 11, 1990
none	Administration Fire Inspection 7/3/90	Window coverings should be made of non-combustible materials	The curtain located in the plastic shop shall be made of a non-combustible materials or shall be treated in a flame retardant condition by means or process approved by the State Fire Marshall.	Yes December 11, 1990
none	Administration Fire Inspection 7/3/90	"No Smoking" signs are to be posted around the storage of drums	post	Yes November 2, 1990 Maxson, C.D.
none	Administration Fire Inspection 7/3/90	Drums w/sulfuric acid should have secondary containment & a liquid tight floor (80.314) UFC	Provisions for secondary containment and a liquid tight floor should be provided for the sulfuric acid drums.	
none	Administration Fire Inspection 7/3/90	Post "No Smoking" & "Corrosive" signs around the battery storage shed (80.301d) UFC	post	
none	Administration Fire Inspection 7/3/90	The Motor Pool offices - separated from the repair garage by not less than one hour occupancy separation. All openings in the one hour occupancy separation shall be protected by not less than one hour fire resistive assemblies. (503c) UBC	Referred to Plant Engr. for evaluation. 7/12 by Bldg Mgr. 9/7 Per Bert Schliefer, Plant reviewing and prioritizing all items - est. will be done on life safety items first 9/28/90; no change 10/26/90	
none	Administration Fire Inspection 7/3/90	A min. of 2 exits are req for repair garages exceeding 1000 sq ft. Overhead roll-up doors do not qualify as approved exits. (3320)UCB	Referred to Plant Engr. for evaluation. Bldg Mgr wrote Hernandez re: leaving roll-up doors open. 9/5 Moitoza talked to Stewart - Stewart contacting Hernandez to set up meeting to discuss alternatives; 9/28/90 - Stewart awaiting response from Fire Dept; 10/26/90 Stewart contacted - still awaiting response.	
none	Administration Fire Inspection 7/3/90	The waste oil tank s/be located underground (79.405) UFC	Plan to switch to 55 gal. collection container. Referred to Plant 7/12 by Bldg Mgr. 9/7-Plant prioritized items 10/26 - no change	
none	Administration Fire Inspection 7/3/90	Relocate the sprinkler heads deflectors to the maximum allowed distance of 18" - the majority of sprinkler heads exceeds the max amt permitted below the roof deck as specified in Sec. (4-3.4.1) NFPA 13	Referred to Plant Engr. for evaluation. 7/12 by Bldg Mgr 9/7 - Plant prioritized items 10/26- no change	
None	Administration Livermore 11/14/90	Asbestos for brake drums, collection of asbestos fibers containment lacking	Develop Plan	
None	Administration Livermore 11/14/90	Tire shelf rack load limit missing	Determine/post load limit	
None	Administration Livermore. 11/14/90	Piping may contain asbestos	Evaluate piping for asbestos	

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
None	Administration Livermore 11/14/90	Tube guards lacking on fluorescent lights	Install tube guards	
None	Administration Livermore 11/14/90	No emergency backup lighting	Technical evaluation required	
None	Administration Livermore 11/14/90	Unsecured cabinets near exits	Secure cabinets near exits	
None	Administration Livermore 11/14/90	Lifts lack load capacity	Determine/post load capacity	
None	Administration Livermore 11/14/90	Drains unmarked	Mark drains	
None	Administration Livermore 11/14/90	Poor housekeeping in drawers and cabinets	Correct poor housekeeping in drawers and cabinets	
None	Administration Livermore 11/14/90	Non-OSHA approved soiled towel container	Obtain proper container	
None	Administration Livermore 11/14/90	Improperly secured battery acid barrel	Secure properly	Yes November 21, 1990
None	Administration Livermore 11/14/90	Drill press lacks chip protector	Install chip protector	
None	Administration Livermore 11/14/90	Fire hose and extinguisher training lacking	Secure training	
None	Administration Livermore 11/14/90	Door swing path needed at fire rack	Paint door swing path	
None	Administration Livermore 11/14/90	Are light fixtures free of asbestos?	Technical evaluation required	
None	Administration Livermore 11/14/90	Storage cabinet shelves fatigued from heavy storage	Repair shelves; relocate heavy items to be stored	Yes November 28, 1990
None	Administration Livermore 11/14/90	Rolling ladder damaged	Removed from service	Yes November 14, 1990
None	Administration Livermore 11/14/90	Yellow extension cord hung on chain support	Relocate	Yes November 26, 1990
None	Administration Livermore 11/14/90	Telephone cable resting on piping	Technical evaluation	
None	Administration Livermore 11/14/90	Solvent label needed at Snap-on Washer / Degreaser	Install label	
None	Administration Livermore 11/14/90	Duplex electrical receptacle loose at Snap-on Washer/Degreaser	Repair	Yes November 28, 1990
None	Administration Livermore 11/14/90	Unused (lightweight) "bell" wires	Remove	
None	Administration Livermore 11/14/90	Handle missing from cabinet	Replace missing handle on cabinet	
None	Administration Livermore 11/14/90	Tools with sharp points in drawers	Store sharp tools properly	
none	Administration Fire Inspection 7/3/90	An evaluation of the type of chemicals, hazardous materials, and/or liquids should be conducted to determine if a mechanically ventilated fume hood is required. A list of materials should be submitted for review.	evaluate chem, etc.	
none	Administration Individual 12/12/90	Secondary containers not marked properly	use std LBL labels	
none	INSTITUTIONAL PE/Kaiser 1 11/26/90	The outdoor paint storage locker located to the rear of the paint shop in the transcontainer was in need of general housekeeping. Several one gallon paint cans were located on the floor.	Provide this transcontainer with a general housekeeping. Remove unused or unneeded paints and solvents and maintain a high level of good housekeeping.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-35.	Provide start-up and operating instructions guide.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	EG-35 is undergoing general repairs.	Rental standby unit is in use until repairs are complete.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Chemical dispensing-UFC(1988) prohibits dispensing of certain chemicals from horizontal drums.	A study is in process to determine which drums violate UFC88 and take necessary actions to rectify situation	
O/S	Administration Livermore 11/14/90	No spill kit identification	Spill kit identification needed	
O/S	Administration Livermore 11/14/90	Hazardous waste barrel label missing	Label required	Yes November 19, 1990

BUILDING: 76

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
O/S	Administration Livermore 11/14/90	Pallets not stacked properly	Stack pallets properly	
O/S	Administration Livermore 11/14/90	Spill on top of anti-freeze tank	Clean up spill	Yes November 19, 1990
O/S	Administration Livermore 11/14/90	Soft wiring on Autoquip Lift	Hard wire Autoquip Lift	
O/S	Administration Livermore 11/14/90	Collector hoses improperly hung over bracket (crimped)	Install proper bracket	
O/S	Administration Livermore 11/14/90	Emergency eyewash station sign at collector hose covered	Install clear sign including directional arrow	
O/S	Administration Livermore 11/14/90	"KEEP CLEAR" sign and striping faded at tire rack	Repair "KEEP CLEAR" sign and striping	
O/S	Administration Livermore 11/14/90	Tools improperly stored (stacked) in tool cage	Store tools properly	Yes November 27, 1990

BUILDING: 76, 77

none	Administration SAN	Missing tongue guards on grinding machines	A C&M job order has been formulated to order, fabricate and install tongue guards. It has been noted that a new grinder recently received was absent guards. These corrections will be achieved in November. 10/4/90 - Job Order activated (#111033); estimated cost \$325; estimated completion 11/30/90.	
none	Administration SAN	Lathe and drill dress point of operation guarding	C&M expects to have further interactions with Mechanical Engineering's Mechanical Shops equipment repair personnel on this issue. The guarding proposed by the inspector during his visit would require custom fabrication or significant adaption. It is clear that we do not have agreement upon what is reasonable and prudent. We believe the standards cited refer to production facilities and are not necessarily applicable to our operation. We also will need EH&S input to assist us in evaluating actual	

BUILDING: 76-76E

none	Administration Electrical 1/16/90	Unrecommended cords stored in cord storage area: Radar Boxes, Suicide Cords	replace	Yes November 2, 1990 Maxson, C.D.

BUILDING: 76,77

none	Administration SAN	Plate glass windows adjacent to traffic areas	C&M - Bldg. 76. It is not yet clear whether the glass in question is or is not tempered. It is not marked in a manner that would make this apparent. We are asking about a means of test identification. If we are unsuccessful, a shoulder height bar will be installed as the least expensive solution. We do not plan to continue this exploration until mid-October. Laboratory management needs to decide whether a lab-wide survey is called for. 10/4/90 - Job order activated	

BUILDING: 76A

1	Administration OSHA	INADEQUATE VENTILATION	evaluate/repair	

BUILDING: 76E

none	Administration Fire Inspection 7/3/90	Provide approved exit hardware for the trailer. Currently, no hardware is provided to permit exiting from inside (3304c)UBC	install	

BUILDING: 76F

1	Administration OSHA	NO FIRE EXTINGUISHER	obtain	
1	Administration OSHA	FUME EXHAUST SYSTEM SUPPORTED FROM COMPRESS AIR LINE	rework	
1	Administration OSHA	INADEQUATE VENTILATION	evaluate/repair	

BUILDING: 76F

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Fire Inspection 7/3/90	Oil drum storage is not permitted to be located adjacent to unprotected exterior wall. (79.404) UFC	remove	

BUILDING: 77

	ENGINEERING OSHA SELF 06/15/90		Mark all aisles and walkways appropriately. OSHA Checklist #9.2	
	ENGINEERING OSHA SELF 06/15/90		Employees are to check hoses before and after using and report any damages. OSHA Checklist #17.11	
	ENGINEERING OSHA SELF 06/15/90		Installation of exhaust system over machinery. OSHA Checklist #30.6	
	Engineering SAH Self Inspection 11/27/90	General observation - Many metal backed plugs and unlabeled liquids, no shatter proof bulbs in lamps, building plans and room numbers not in agreement.	Replace plugs, label liquid, replace bulbs, contact P.E. re building plans	
	Engineering Environmental Self Inspection 11/27/90	Lack of spill kits in evidence	Provide necessary spill kits and training on how to use them	
	EPH&S Self Assessment 11/9/90	Waste analysis should be performed of the welding fume collection bath at bldg 77.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/5/90	High temperature or carbon monoxide alarms not installed on breathing air compressors	Approximately 0.3 FTE additional needed by EH&S for administration of respirator program; install monitoring devices.	Buerer, A.
107	Engineering SAH Self Inspection 11/27/90	Oiled metal shavings on dust pan-West wall	Remove oiled metal shavings on dust pan-West wall	
107	Engineering SAH Self Inspection 11/27/90	Metal backed elect. plug on clock	Replace metal backed elect. plug on clock	
107	Engineering SAH Self Inspection 11/27/90	Remove step down transformer (west wall)		
107	Engineering SAH Self Inspection 11/27/90	Strain relief needs repair on drill sta (North wall)		
107	Engineering SAH Self Inspection 11/27/90	Cover oil "J" box (north wall)	Replace cover on "J" (north wall)	
107	Engineering SAH Self Inspection 11/27/90	Eyewash insp. tag to ?? (north wall)	?	
107	Engineering SAH Self Inspection 11/27/90	Unlabeled containers-north wall	Label containers-north wall	
107	Engineering SAH Self Inspection 11/27/90	Storage on north wall needs containment & clean-up	Clean up and contain storage on north wall	
107	Engineering SAH Self Inspection 11/27/90	Lead brick on floor-north wall	Remove lead brick on floor-north wall	
107	Engineering SAH Self Inspection 11/27/90	Storage on cabinet top-north wall area	Remove storage on cabinet top-north wall area	
107	Engineering SAH Self Inspection 11/27/90	Danger tags should be replaced at each use-north wall	Replace danger tags at each use-north wall	
107	Engineering SAH Self Inspection 11/27/90	72A2A-11 receptacle loose & missing cover	Repair loose receptacle and replace cover	
107	Engineering SAH Self Inspection 11/27/90	3 phase 208 Ext. cord has metal back plugs	Replace metal back plugs	
107	Engineering SAH Self Inspection 11/27/90	Illegal twist lock adapter	Replace illegal twist lock adapter	
107	Engineering SAH Self Inspection 11/27/90	No guards on horiz. saw	Install guards on horiz. saw	
107	Engineering SAH Self Inspection 11/27/90	Metal back plug on vac. cleaner	Replace metal back plug on vac. cleaner	
107	Engineering SAH Self Inspection 11/27/90	Improper storage of shopcoats	Store shopcoats properly	
107	Engineering SAH Self Inspection 11/27/90	Waber strip daisy chained to cord w/ illegal plug	Replace waber strip and plug	
107	Engineering SAH Self Inspection 11/27/90	Flex conduit at NE wall needs removing		
107	Engineering SAH Self Inspection 11/27/90	Elect. raceway on N. wall used for storage	Remove storage	
107	Engineering SAH Self Inspection 11/27/90	Dirty rags along N. wall	Remove dirty rags	
107	Engineering SAH Self Inspection 11/27/90	Extremely bad housekeeping at #1 welding station N. wall	Clean up at #1 welding station N. wall	

BUILDING: 77

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
107	Engineering SAH Self Inspection 11/27/90	Excess air press-weld stat. #3 N. wall		
107	Engineering SAH Self Inspection 11/27/90	Storage on pipes & conduits North wall	Remove Storage on pipes & conduits North wall	
107	Engineering SAH Self Inspection 11/27/90	Bad wiring and no toeguard on foot switch on welding positioner	Repair wiring and install toeguard on foot switch on welding positioner	
107 outside	Engineering SAH Self Inspection 11/27/90	Metal storage racks need repair rear of 107	Repair metal storage racks at rear of 107	
108	Engineering SAH Self Inspection 11/27/90	Open air valve NW wall		
108	Engineering SAH Self Inspection 11/27/90	Wiring bad on drinking fountain N. wall	Repair wiring on drinking fountain N. wall	
108	Engineering SAH Self Inspection 11/27/90	Radar boxes should be replaced N. wall		
108	Engineering SAH Self Inspection 11/27/90	Improper storage on entire N. wall	Remove storage and store properly	
108	Engineering SAH Self Inspection 11/27/90	Unlabeled container in cabinet-N. wall	Label container in cabinet - N. wall	
108	Engineering SAH Self Inspection 11/27/90	Illegal plugs on hand tools in cabinet on N. wall	Replace illegal plugs on hand tools in cabinet on N. wall	
108	Engineering SAH Self Inspection 11/27/90	Storage on top of cabinet-N. wall	Remove storage on top of cabinet-N. wall	
108	Engineering SAH Self Inspection 11/27/90	Receptacle should be GFCI at sing (N. wall)		
108	Engineering SAH Self Inspection 11/27/90	Fire hose on floor under sink N. wall	Remove fire hose from floor under sink	
108	Engineering SAH Self Inspection 11/27/90	Improper storage under sink n. wall	Remove storage from under sink N. wall	
108	Engineering SAH Self Inspection 11/27/90	Some machines do not have guards	Install guards on machines that need them	
108	Engineering SAH Self Inspection 11/27/90	Oil leaks on large Cincinnati brake	Repair Cincinnati brake	
108	Engineering SAH Self Inspection 11/27/90	Aisle needs to be remarked	Remark aisle	
108	Engineering SAH Self Inspection 11/27/90	Chicago brake should be hardwired	Hardwire Chicago brake	
108	Engineering SAH Self Inspection 11/27/90	Safe working load chart should be replaced	Replace safe working load chart	
108	Engineering SAH Self Inspection 11/27/90	Insp. tag on crane 2477 not filled out	Fill out insp. tag on crane 2477	
108	Engineering SAH Self Inspection 11/27/90	Remove wire mold and flex conduit from bench NE		
108	Engineering SAH Self Inspection 11/27/90	Grinder should be hardwired NE	Hardwire grinder NE	
108	Engineering SAH Self Inspection 11/27/90	Upper cabinets NE wall should have shelf lips	Put shelf lips on upper cabinets on NE wall	
108	Engineering SAH Self Inspection 11/27/90	Luxo magnifier lamp has 2 wire cord		
108	Engineering SAH Self Inspection 11/27/90	Storage on top of cabinet E. wall	Remove storage from top of cabinet on E. wall	
108	Engineering SAH Self Inspection 11/27/90	Storage on top of cabinets S. wall	Remove storage on top of cabinets S. wall	
108	Engineering SAH Self Inspection 11/27/90	Cutting oil should be stored in flammable locker	Remove storage on top of cabinets S. wall	
108	Engineering SAH Self Inspection 11/27/90	Small drill press has bad plug & wire	Repair plug and wire on small drill press	
108	Engineering SAH Self Inspection 11/27/90	Flammables improperly stored	Store flammables properly	
108	Engineering SAH Self Inspection 11/27/90	Notcher illegally wired south east arch	Replace illegal wiring on notcher	
108	Engineering SAH Self Inspection 11/27/90	Cabinet openings not accessible S. wall	Make cabinet openings accessible	
108	Engineering SAH Self Inspection 11/27/90	Excess air press N. wall	Regulate air press N. wall	

BUILDING: 77

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
108	Engineering S&H Self Inspection 11/27/90	Spray paint should be in flammable locker	Put spray paint in flammable locker	
108	Engineering S&H Self Inspection 11/27/90	Easy Edger has bad wiring on foot switch #353	Repair wiring on foot switch #353	
119	Engineering S&H Self Inspection 11/27/90	No exit signs	Install exit signs	
119	Engineering S&H Self Inspection 11/27/90	Fluorescent lamps need replacement	Replace fluorescent lamps	
119	Engineering S&H Self Inspection 11/27/90	Sprinkler heads need baskets	Put baskets on sprinkler heads	
119	Engineering S&H Self Inspection 11/27/90	Absorbent bags punctured	Replace absorbent bags	
119	Engineering S&H Self Inspection 11/27/90	Certification of lifting fixture not noted	Note certification of lifting fixture	
119	Engineering S&H Self Inspection 11/27/90	Shelves need lips	Put lips on shelves	
123	Engineering LBL '90 Elec. Insp. 12/7/89	Do-All saw #S2 doesn't have tight enough strain relief for the power cord going into its vacuum cleaner motor. (NEC 210-10 & 400-14)	This observation is contested. Corrective action will be taken, if required, when the issue is resolved.	L. Calais
123	Engineering LBL '90 Elec. Insp. 12/7/89	Do-All saw #S2 doesn't have tight enough strain relief for the power cord going into its vacuum cleaner motor. (NEC 210-10 & 400-14)	This observation is contested. Corrective action will be taken, if required, when the issue is resolved.	L. Calais
123	Engineering S&H Self Inspection 11/27/90	Tool crib-No protective baskets on sprinkler heads	Install baskets on sprinkler heads	
123	Engineering S&H Self Inspection 11/27/90	Tool crib-Light on tool grinder is not shatter proof or protected from breakage	Replace light or protect from breakage	
123	Engineering S&H Self Inspection 11/27/90	Power panel that feeds the coil winding unit in the S.E. corner s/b secured to and adj. column		
123	Engineering S&H Self Inspection 11/27/90	Pull can on beam-bent-no cover-conductors exposed	Repair pull can on beam	
123	Engineering S&H Self Inspection 11/27/90	(Tool crib-No. side) unsecured cabinets	Secure cabinets	
123	Engineering S&H Self Inspection 11/27/90	Hole in box over water fountain near tool crib	Seal hole in box	
123	Engineering S&H Self Inspection 11/27/90	No quake restraint or shatter protection on fluorescent lights	Provide quake restraint or shatter protection	
123	Engineering S&H Self Inspection 11/27/90	Obvious oil leakage at various machines East	Repair various machines so they don't leak oil	
123	Engineering S&H Self Inspection 11/27/90	Lead in wooden box east side	Remove lead in wooden box east side	
123	Engineering S&H Self Inspection 11/27/90	Improper storage on stock shelves	Remove storage on stock shelves	
123	Engineering S&H Self Inspection 11/27/90	General clutter in NE corner	Remove clutter from NE corner	
123	Engineering S&H Self Inspection 11/27/90	Wire rope storage blocking elect. panel	Remove wire rope which is blocking elect. panel	
123	Engineering S&H Self Inspection 11/27/90	Rockford planner has cut insulation on powercord	Replace powercord on Rockford planner	
123	Engineering S&H Self Inspection 11/27/90	Main power panel schedule needs update(East wall)	Update main power panel schedule at east wall	
123	Engineering S&H Self Inspection 11/27/90	Screws left off cover panels inside main panels	Replace screws which were left off cover panels inside main panels	
123	Engineering S&H Self Inspection 11/27/90	Fire hose cabinet needs new label (east wall)	Put new label on fire hose cabinet	
123	Engineering S&H Self Inspection 11/27/90	Panel cover clamps need securing (Rockford Planner)	Secure panel cover clamps (Rockford planner)	
123	Engineering S&H Self Inspection 11/27/90	Loose screws on 42" Bullard power panel	Tighten screws on 42" Bullard power panel	
123	Engineering S&H Self Inspection 11/27/90	Cannot test GFCI at water fountain (east wall)		
123	Engineering S&H Self Inspection 11/27/90	Grease on floor by water fountain east wall	Clean up grease on floor by water fountain east wall	
123	Engineering S&H Self Inspection 11/27/90	Storage on top of Bullard accessories cabinet	Remove storage on top of Bullard accessories cabinet	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
123	Engineering SAH Self Inspection 11/27/90	Numerous unlabeled containers in shop area	Label containers in shop area	
123	Engineering SAH Self Inspection 11/27/90	Limit switch inoperable on Lucas, also frayed cord	Replace switch and frayed cord on Lucas	
123	Engineering SAH Self Inspection 11/27/90	Bad wiring on Lucas	Replace wiring on Lucas	
123	Engineering SAH Self Inspection 11/27/90	Lead brick at Lodge & Shipley lathe	Remove lead brick	
123	Engineering SAH Self Inspection 11/27/90	Fluorescent fixtures in rest room need replacing	Replace fluorescent fixtures in rest room	
123	Engineering SAH Self Inspection 11/27/90	Shower shutoff valve needs repair (restroom)	Repair shower shutoff valve	
123	Engineering SAH Self Inspection 11/27/90	Blower fan indicator lamp burned out in rest room	Replace blower fan indicator lamp in rest room	
123	Engineering SAH Self Inspection 11/27/90	Hole in wall outside restroom	Repair hole in wal outside restroom	
123	Engineering SAH Self Inspection 11/27/90	Elect. panel 848-21 not identified	Identify elect. panel 848-21	
123	Engineering SAH Self Inspection 11/27/90	Bad coverings on lead bricks in coil winding area	Repair coverings on lead bricks in coil winding area	
123	Engineering SAH Self Inspection 11/27/90	Fire extinguisher outdated in coil winding area	Update fire extinguisher in coil winding area	
123	Engineering SAH Self Inspection 11/27/90	CO2 ext. system outdated east wall	Update CO2 ext. system east wall	
123	Engineering SAH Self Inspection 11/27/90	Coil winder foot SW needs guard	Install guard on coil winder foot SW	
123	Engineering SAH Self Inspection 11/27/90	Floor outlet needs securing-coil winding area	Secure floor outlet-coil winding area	
123	Engineering SAH Self Inspection 11/27/90	Illegal wiring on equipment in cabinets(coil winding)	Replace wiring on equipment in cabinet (coil winding)	
123	Engineering SAH Self Inspection 11/27/90	Bad wiring on motor of coil winder near cabinet 6	Replace wiring on motor of coil winder near cabinet 6	
123	Engineering SAH Self Inspection 11/27/90	Shelves in coil area need lips	Put lips on shelves in coil area	
123	Engineering SAH Self Inspection 11/27/90	Foot switch needs guard on Reeves coil winder	Install guard on foot switch on Reeves coil winder	
123	Engineering SAH Self Inspection 11/27/90	Bad elect. cord on wire retractor in coil winder area	Replace elect. cord on wire retractor in coild winder area	
123	Engineering SAH Self Inspection 11/27/90	No vacuum exhaust on Nema bandsaw	Put vacuum exhaust on Nema bandsaw	
123B	Engineering SAH Self Inspection 11/27/90	Secure book shelves on cabinet by desk		
123D	Engineering SAH Self Inspection 11/27/90	Food label on refrigerator	Put food label on refrigerator	
123D	Engineering SAH Self Inspection 11/27/90	Secure book shelves on desk by door		
125B	Engineering SAH Self Inspection 11/27/90	Secure books above desk		
125C	Engineering SAH Self Inspection 11/27/90	Secure all cabinets		
125C	Engineering SAH Self Inspection 11/27/90	Remove material on top of cabinets		
137	Engineering SAH Self Inspection 11/27/90	Inadequate lighting	Install lighting	
137	Engineering SAH Self Inspection 11/27/90	South Hall - fall restrainer needed for ladder over 20' high	Provide fall restrainer	
137	Engineering SAH Self Inspection 11/27/90	Exit sign bulbs burned out	Replace light bulbs	
137	Engineering SAH Self Inspection 11/27/90	Open cover on electrical box in front of room 160	Close cover on electrical box	
141	Engineering LBL '90 Elec. Insp. 12/7/89	Magnet winding equipment in South East corner of room is powered by daisy-chained extension cords. (NEC 210-50B & 400-8)	This observation is contested. Corrective action will be taken, if required, when the issue is resolved.	L. Calais
141	Engineering LBL '90 Elec. Insp. 12/7/89	Electrical panel 72A9A11A28A in the South wall has no breaker schedule.	Provide work request for Plant Engineering to provide breaker. schedule.	L. Calais

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
141	Engineering LBL '90 Elec. Insp. 12/7/89	Electrical outlets, plugs and boxes located midway along South wall are severely corroded by vapors from a nearby plating tank.	These outlets, plugs and boxes are scheduled for replacement with the approved MEL-FS plating shop upgrade.	L. Calais
141	Engineering SAH Self Inspection 11/27/90	Light bulb on Doall saw is not shatter proof or protected from breakage	Replace light bulb with correct bulb and protect from breakage	
141	Engineering SAH Self Inspection 11/27/90	Breaker schedule in panel 85F needs updating	Update schedule	
141	Engineering SAH Self Inspection 11/27/90	NE corner-housekeeping	Clean up NE corner	
141	Engineering SAH Self Inspection 11/27/90	NE corner-3' req'd in front of panel		
141	Engineering SAH Self Inspection 11/27/90	NE corner-Panel not marked with lead	Mark panel	
141	Engineering SAH Self Inspection 11/27/90	NE corner-Panel led by rubber cord		
141	Engineering SAH Self Inspection 11/27/90	So. wall east-cabinet-no seismic	Secure cabinet	
141	Engineering SAH Self Inspection 11/27/90	No. wall east-ladder over 20'	Ladder needs safety	
141	Engineering SAH Self Inspection 11/27/90	No. wall east-housekeeping	Clean up No. wall east	
141	Engineering SAH Self Inspection 11/27/90	Liq. tile loose in elec. box Tag.#000362		
141	Engineering SAH Self Inspection 11/27/90	Hole in elec. box, bridgeport near lunch area	Repair hole in elec. box, and remove bridgeport from lunch area	
141	Engineering SAH Self Inspection 11/27/90	Excess flam. storage near LeBlond lathe	Remove storage from near LeBlond lathe	
141	Engineering SAH Self Inspection 11/27/90	Index mill-Belt guard latch missing	Install belt guard latch on index mill	
141	Engineering SAH Self Inspection 11/27/90	Refrigerator-Metal cord cap		
141	Engineering SAH Self Inspection 11/27/90	Bushing missing on foot switch - west end	Replace bushing on foot switch	
141	Engineering SAH Self Inspection 11/27/90	Rotating table has non-grounded foot switch	Ground foot switch	
141	Engineering SAH Self Inspection 11/27/90	Rotating table has hole in junction box	Seal hole in junction box	
141	Engineering SAH Self Inspection 11/27/90	Holes in relay race vacuum test area	Seal holes in vacuum test area	
141	Engineering SAH Self Inspection 11/27/90	Vacuum area Varian power supply has not high voltage sticker	Provide high voltage sticker for power supply	
141	Engineering SAH Self Inspection 11/27/90	Unlabeled liquids in locker	All liquids to be labeled for content and necessary cautions	
141	Engineering SAH Self Inspection 11/27/90	Unlabeled liquids	Label liquids for content and necessary cautions	
141	Engineering SAH Self Inspection 11/27/90	20 ft. ladder ha no fall restrainer	Provide fall restrainer for ladder	
141	Engineering SAH Self Inspection 11/27/90	Foot swich on rotary chuck has no ground	Provide ground for rotary chuck foot switch	
141	Engineering SAH Self Inspection 11/27/90	Natural gas and air line connected at big and small furnace - Is there a one way valve?	Check for the presence of a one-way valve and insure proper connection.	
141	Engineering SAH Self Inspection 11/27/90	Tag #361 - Bushing separation on drill press	Repair bushing	
141	Engineering SAH Self Inspection 11/27/90	Lamps need shatterproof bulbs	Provide shatterproof bulbs	
141	Engineering SAH Self Inspection 11/27/90	Cap missing from welding receptable in SW corner	Replace cap	
141	Engineering SAH Self Inspection 11/27/90	No exit sign over door in SW corner	Post exit sign	
141	Engineering SAH Self Inspection 11/27/90	Wooden storage cabinet for rolls of plastic film has no lip on shelves or door latches to restrain materials	Install lips or door latches	
141	Engineering SAH Self Inspection 11/27/90	Fluorescent lights in NE corner need restraints, shatter protection and must be wired in conduit not cord and plug connected	Properly protect fluorescent lights and provide correct electrical connection	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
141	Engineering SAH Self Inspection 11/27/90	Old waber strip attached to Yeager's workbench	Replace with approved outlet strip from Stores	
141	Engineering SAH Self Inspection 11/27/90	Fluorescent light overhead is fed by a flexible cord with metal cord cap	Wire in thru conduit for permanent installation. Replace cord	
141	Engineering SAH Self Inspection 11/27/90	Empty light socket on bench grinder by oven	Seal light socket	
141	Engineering SAH Self Inspection 11/27/90	Tag #363 - Lamp on LeBlond lathe has a defective socket and no shatter proof bulb	Replace bulb and socket	
141	Engineering SAH Self Inspection 11/27/90	Conduit body attached to the end of a flexile cord by workbenches near rm 141A	Repair	
141	Engineering SAH Self Inspection 11/27/90	2 ea. acetylene bottles sitting on floor under workbench. One has no protective cap.	Get protective cap for bottle	
141	Engineering SAH Self Inspection 11/27/90	Baby food jar of liquid has no label (on workbench above acetylene bottles)	Label jar with contents and necessary cautions	
141	Engineering SAH Self Inspection 11/27/90	Light below 8 feet is not protected on leak check bench	Provide protection for light	
141	Engineering SAH Self Inspection 11/27/90	Asbestos wiring on air furnaces flaking off	Repair wiring	
141	Engineering SAH Self Inspection 11/27/90	Acetylene tanks not chained, west end of room	Properly chain tanks	
141	Engineering SAH Self Inspection 11/27/90	Tag #362, Tool room - Asbestos alm (?) cover		
141	Engineering SAH Self Inspection 11/27/90	Tool Room - Broken plug on Veeco TC gauge	Repair plug	
141	Engineering Environmental Self Inspection 11/27/90	Code 4.1 - Need hazardous materials sticker on refrigerator	Provide required sticker	
141	Engineering Environmental Self Inspection 11/27/90	160 liter LN tank with no warning label	Provide necessary labeling	
141	Engineering Environmental Self Inspection 11/27/90	Approximately 30 gallon flammable storage under bench	Place flammable items in proper cabinet	
141	Engineering Environmental Self Inspection 11/27/90	Unsecured gas cylinders	Properly secure cylinders	
141	Engineering Environmental Self Inspection 11/27/90	Solvents on open shelves, shelves not earthquake proofed	Store solvents properly, have shelves secured	
141	Engineering Environmental Self Inspection 11/27/90	Waste oily rags emptied once a week, label says empty once a day	Relabel container if that is within the code compliance or empty container once a day as labeled	
141A	Engineering SAH Self Inspection 11/27/90	Cord with rotten insulation & metal cap Tag #000368	Repair cord	
141A	Engineering SAH Self Inspection 11/27/90	Welding cable penetration needs fire stop	Provide fire protection for cable penetration	
141A	Engineering SAH Self Inspection 11/27/90	Crane lockout blocked	Repair crane locked to function properly	
141A	Engineering SAH Self Inspection 11/27/90	Heat traps spliced connection outside box, wrong plug with asbestos wire	Repair spliced connections, replace plug	
141A	Engineering SAH Self Inspection 11/27/90	Varian power supply has no high voltage stickers	Provide high voltage stickers for power supply	
141A	Engineering SAH Self Inspection 11/27/90	Waste container not labeled	Provide proper label for waste container	
141A	Engineering SAH Self Inspection 11/27/90	Sprinkler cage		
141A	Engineering SAH Self Inspection 11/27/90	No exit signs over doors	Post exit signs	
141A	Engineering Environmental Self Inspection 11/27/90	25 gallons of open storage, flammables, organic waste	Store properly	
141B	Engineering SAH Self Inspection 11/27/90	Non-DBI. Insulated tools not inspected	Inspect tools	
141C	Engineering SAH Self Inspection 11/27/90	Books on shelves have no restraint devices	Restrain books on shelves	
141E	Engineering SAH Self Inspection 11/27/90	(Physics clean room) unsecured storage	Secure storage	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
141E	Engineering SAH Self Inspection 11/27/90	Electrical panel access is obstructed	Clear and maintain access to electrical panel	
142	Engineering SAH Self Inspection 11/27/90	Heavy metal objects laying loose on top of metal cabinet	Remove storage on top of cabinet	
142	Engineering SAH Self Inspection 11/27/90	Radar box extension cord with damaged insulation near west wall	Replace damaged cord	
142	Engineering SAH Self Inspection 11/27/90	Light on large mill in center of room is missing bulb	Replace bulb	
142	Engineering SAH Self Inspection 11/27/90	Bench light has metal back cord cap	Replace cord	
142	Engineering SAH Self Inspection 11/27/90	Two wire cord is not grounded	Provide ground for cord	
142	Engineering SAH Self Inspection 11/27/90	Filament wrapped bulbs needed	Provide proper bulbs	
142	Engineering SAH Self Inspection 11/27/90	No exit sign on west door	Post exit signs	
142	Engineering SAH Self Inspection 11/27/90	DoAll saw and mill M3 have no shatter proof bulbs	Install shatter proof bulbs	
142	Engineering Environmental Self Inspection 11/27/90	Glass dewar with no tape	Tape glass dewar	
142	Engineering Environmental Self Inspection 11/27/90	Unlabeled 55 gallon waste container	Label container with contents and necessary cautions	
142	Engineering Environmental Self Inspection 11/27/90	Flammables cabinet: Not grounded, vent is open, fluid in drip pan	Ground cabinet, close vent, dispose of fluid in drip pan properly	
142	Engineering Environmental Self Inspection 11/27/90	Unlabeled secondary containers	Label secondary containers properly	
142A	Engineering SAH Self Inspection 11/27/90	Unsecured cabinets	Secure cabinets	
142A	Engineering SAH Self Inspection 11/27/90	Unlabeled container on bench	Label container with contents and necessary cautions	
142A	Engineering SAH Self Inspection 11/27/90	Lead bricks uncovered	Cover lead bricks properly or dispose of in correct manner	
142A	Engineering SAH Self Inspection 11/27/90	Light bulbs not shatterproof	Replace light bulbs	
142A	Engineering SAH Self Inspection 11/27/90	Vacuum pump not vented	Provide vent for pump	
142A	Engineering SAH Self Inspection 11/27/90	DoAll grinder power switch is obstructed	Clear access to power switch	
142A	Engineering SAH Self Inspection 11/27/90	Foot switch on Cincinnati is ungrounded	Ground foot switch	
142A	Engineering SAH Self Inspection 11/27/90	Portable transformer has temporary wiring on Cincinnati	Provide permanent wiring for transformer	
142A	Engineering SAH Self Inspection 11/27/90	400 breaker west wall obstructed (crane)	Clear and maintain access to breaker panel	
142A	Engineering SAH Self Inspection 11/27/90	Junction box		Yes November 27, 1990
142A	Engineering SAH Self Inspection 11/27/90	Power cord on Sunnen Honing machine has metal cord cap and deteriorint insulation	Replace power cord	
142A	Engineering SAH Self Inspection 11/27/90	Light on tool sharpener has no shatter proof bulb	Provide shatter proof bulb	
142A	Engineering SAH Self Inspection 11/27/90	Power cord to bench grinder has metal cap cord	Replace power cord	
142A	Engineering SAH Self Inspection 11/27/90	Glass in windows is not break resistant or shatter proof type	Replace glass in windows	
142A	Engineering SAH Self Inspection 11/27/90	File cabinet not secured to floor or wall	Secure file cabinet	
142A	Engineering SAH Self Inspection 11/27/90	Lights on machine tools are not protected or shatter proof	Protect lights or replace with shatter proof bulbs	
142A	Engineering SAH Self Inspection 11/27/90	Breaker box does not have required 3 feet clearance	Clear and maintain access to breaker box	
142A	Engineering SAH Self Inspection 11/27/90	Plug with ground prong cut off (Dedtru grinder)	Replace plug	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
142A	Engineering SAH Self Inspection 11/27/90	Fire extinguisher missing	Replace fire extinguisher	
142A	Engineering Environmental Self Inspection 11/27/90	Unlabeled 55 gallon drum without drip pan	Label drum and provide drip pan	
142A	Engineering Environmental Self Inspection 11/27/90	Unlabeled secondary containers	Properly label secondary containers	
142A	Engineering Environmental Self Inspection 11/27/90	Unlabeled one gallon can	Label can with contents and necessary cautions	
142A	Engineering Environmental Self Inspection 11/27/90	Recent spill into floor drain	Clean up spill properly	
142A	Engineering Environmental Self Inspection 11/27/90	Spill with absorbent not cleaned up	Clean up spill properly	
142B	Engineering SAH Self Inspection 11/27/90	Leaky pipe joint over sprinkler system appears to be corroding fire sprinkler pipe	Repair leaky pipe	
142B	Engineering SAH Self Inspection 11/27/90	Light in exit sign is out	Fix light	
142B	Engineering SAH Self Inspection 11/27/90	Many holes in sheet rock	Repair sheet rock	
142East	Engineering SAH Self Inspection 11/27/90	Unsecured shelving; no toeboards	Secure shelving and install toeboards	
142East	Engineering SAH Self Inspection 11/27/90	Clean up old telephone system wiring		
142East	Engineering SAH Self Inspection 11/27/90	Unsecured cabinets	Secure cabinets	
142Preci sion	Engineering SAH Self Inspection 11/27/90	Tiny drill press in cabinet has metal cap	Replace metal cap	
142Preci sion	Engineering SAH Self Inspection 11/27/90	Unsecured cabinet with storage on top	Secure cabinet and remove storage from top	
142West	Engineering SAH Self Inspection 11/27/90	Flammable cabinet- Unlabeled fluids, uncapped fluids, should not be vented & isn't seismically restrained	Label fluids, cap fluids, unvent and seismically restrain	
156	Engineering SAH Self Inspection 11/27/90	Conduit bodies missing covers, bare wires sticking out (2 each)	Repair conduit and wires	
156	Engineering SAH Self Inspection 11/27/90	Door in NE corner has no exit sign	Post exit sign	
156	Engineering SAH Self Inspection 11/27/90	Speaker above door is not strapped down.	Secure speaker to wall	
156	Engineering SAH Self Inspection 11/27/90	Code NEC 110-16, Breaker box not clear for 3 feet and not labeled, SW corner	Clear and maintain access to breaker box. Place proper label on box.	
156	Engineering SAH Self Inspection 11/27/90	E. wall improper metal stock storage	Store metal stock properly	
156	Engineering SAH Self Inspection 11/27/90	Front of electrical controls next to vapor degreaser is obstructed	Clear front of electrical controls next to vapor degreaser	
156	Engineering SAH Self Inspection 11/27/90	Unlabeled container	Label container	
156	Engineering SAH Self Inspection 11/27/90	No 3 ft. sticker on 8 pole box	Provide 3 ft clearance sticker.	
156	Engineering SAH Self Inspection 11/27/90	Conduit bodies missing covers on unistrut frame by hazardous waste tanks	Repair conduit	
156	Engineering SAH Self Inspection 11/27/90	West wall- conduit body missing - laying up on light switch	Replace conduit body	
156	Engineering SAH Self Inspection 11/27/90	Cans of flammable aerosol stored on open shelf with no protective covers	Store aerosol cans properly	
156	Engineering SAH Self Inspection 11/27/90	Code NEC 110-16, Breaker box not clear for 3 feet and not labeled, SE corner	Clear and maintain access to breaker box. Place proper label on box.	
156	Engineering Environmental Self Inspection 11/27/90	Code 5.10 - Vapor degreaser: no record of evaporation, no vapor recovery in exhaust hood	Comply with all code requirements	
156	Engineering Environmental Self Inspection 11/27/90	Code 4.1.3 - Unlabeled 1 gallon container	Comply with all code requirements	
156	Engineering Environmental Self Inspection 11/27/90	Code 4.1 - Flammable cabinet: No ground, no auto-closing doors	Provide auto-closing doors and ground cabinet	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
156	Engineering Environmental Self Inspection 11/27/90	160 L liquid nitrogen tank without warning or hazard label	Properly label LN tank	
156	Engineering Environmental Self Inspection 11/27/90	Code 9.2 - Asbestos gloves?	Comply with all code requirements	
156B	Engineering SAH Self Inspection 11/27/90	Sale needs seismic restraint	Restrain sale	
156B	Engineering SAH Self Inspection 11/27/90	Unlabeled container	Label container	
156B	Engineering SAH Self Inspection 11/27/90	2" conduit sticking thru ceiling with coil of cable hanging out over desk	Repair conduit and remove extra cable	
156C	Engineering SAH Self Inspection 11/27/90	Conduit body in SE corner missing cover	Replace conduit body	
156C	Engineering SAH Self Inspection 11/27/90	Air conditioner sticking thru all from 156B is sitting on its power cord that also comes from 156B.	Move power cord out from under unit. Provide power for AC in room 156C.	
158	INSTITUTIONAL Plant Ops-Self 12/7/90	New 5 ton crane has no function number; no label on circuit breaker or pendant bypass button.	Identify circuit breaker, identify bypass button on the pendant and add function number.	
158	Engineering SAH Self Inspection 11/27/90	No exit sign on door to outside	Post exit sign	
158	Engineering SAH Self Inspection 11/27/90	Lead bricks not covered	Provide covers for lead bricks or dispose of properly	
158	Engineering SAH Self Inspection 11/27/90	No seismic tiedowns on storage	Put seismic tiedowns on storage	
158	Engineering SAH Self Inspection 11/27/90	Storage needs toeboards	Put toeboards on storage	
158	Engineering SAH Self Inspection 11/27/90	Wire winder railing unsecured	Secure wire winder railing	
158	Engineering SAH Self Inspection 11/27/90	Air shutoff block by storage	Clear air shutoff block of storage	
158	Engineering SAH Self Inspection 11/27/90	GFI outlet needed next to sink	Provide GFI outlet	
158	Engineering SAH Self Inspection 11/27/90	GFI test not working?	Verify GFI is working and correctly installed	
158	Engineering SAH Self Inspection 11/27/90	Penetration thru fire wall near fountain	Seal hole in wall	
158	Engineering SAH Self Inspection 11/27/90	Fire extinguisher not attached to wall	Hang up fire extinguisher properly	
158	Engineering SAH Self Inspection 11/27/90	208 volt plug near sink needs GFI	Provide GFI for 208 volt plug	
158	Engineering SAH Self Inspection 11/27/90	Unlabeled container in locker	Label container with contents and necessary cautions	
158	Engineering SAH Self Inspection 11/27/90	Fire extinguisher not inspected since 1989	Have fire extinguisher inspected	
158	Engineering SAH Self Inspection 11/27/90	Ladder over 20 feet not protected	Provide protection for ladder	
158A/157	Engineering SAH Self Inspection 11/27/90	Toeboards	Install toeboards	
158A/157	Engineering SAH Self Inspection 11/27/90	Sprinkler cages	Install sprinkler cages	
160	Engineering SAH Self Inspection 11/27/90	Unlabeled container	Label container	
160	Engineering SAH Self Inspection 11/27/90	Ovens are not earthquake	Secure ovens	
160	Engineering SAH Self Inspection 11/27/90	No eyewash covers	Provide covers for eyewash	
160	Engineering SAH Self Inspection 11/27/90	Air switch is not permitted	Provide permanent switch	
160	Engineering SAH Self Inspection 11/27/90	Shop towels and used swabs stored on fire extinguisher	Clear and maintain unobstructed access to fire extinguisher	
160	Engineering Environmental Self Inspection 11/27/90	Flammables cabinet: vents opened, no auto-closing door	Close vents, provide auto-closing doors	
160	Engineering Environmental Self Inspection 11/27/90	No spill pans under 55 gallon drums	Provide spill pans	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
160	Engineering Environmental Self Inspection 11/27/90	Code 9.2 - Asbestos pads under 55 gallon drums	Remove asbestos pads and dispose of properly	
160	Engineering Environmental Self Inspection 11/27/90	55 gallon drums not grounded	Ground drums	
160	Engineering Environmental Self Inspection 11/27/90	Unlabeled 5 gallon container	Properly label container with contents and necessary cautions	
160	Engineering Environmental Self Inspection 11/27/90	Asbestos stored in filter hood. Hood usually turned off	Remove asbestos and/or find alternate means of storage.	
160	Engineering Environmental Self Inspection 11/27/90	Pollen masks used as protection against asbestos	Obtain and use correct masks	
160	Engineering Environmental Self Inspection 11/27/90	Hazardous waste under hood needs hazardous label	Provide proper labeling	
160	Engineering Environmental Self Inspection 11/27/90	Hazardous materials in gray cabinet without label	Provide proper storage and labeling	
160	Engineering Environmental Self Inspection 11/27/90	Nitric acid tank rinses into sink	Provide proper disposal of nitric acid tank rinse	
160	Engineering Environmental Self Inspection 11/27/90	No hazardous warning on sink	Obtain and post proper warning sign	
161	Engineering SAH Self Inspection 11/27/90	Panel 85D obstructed by bucket.	Clear and maintain access to panel	
161	Engineering SAH Self Inspection 11/27/90	Panels 85 C&D-Metal chips in panels	Remove metal chips in panels	
161	Engineering SAH Self Inspection 11/27/90	Plastic flammable container larger than 1 pint	Get legal container	
161	Engineering SAH Self Inspection 11/27/90	Non-Dbf Insulated tool not inspected	Inspect non-dbf Insulated tool	
161	Engineering SAH Self Inspection 11/27/90	Lead bricks not covered	Cover lead bricks	
161	Engineering SAH Self Inspection 11/27/90	Room numbers hard to find	Make room numbers more visible	
161	Engineering SAH Self Inspection 11/27/90	No chip guards	Install chip guards	
161	Engineering SAH Self Inspection 11/27/90	Refrigerator not tied down	Secure refrigerator	
161	Engineering SAH Self Inspection 11/27/90	HIFI and speakers are not tied down	Secure HIFI and speakers	
161	Engineering SAH Self Inspection 11/27/90	Flammables cabinet does not have auto-closing doors, the vents are open, not grounded and not bolted down	Provide auto-closing doors, close vents, ground the cabinets and have it bolted down	
161	Engineering SAH Self Inspection 11/27/90	72A9AB circuit breaker panel is obstructed	Clear and maintain access to panel	
161	Engineering SAH Self Inspection 11/27/90	Chain falls in cabinet, no moused hook, 2 each	Buy mousing device for hood	
161	Engineering SAH Self Inspection 11/27/90	Top of breaker panels being used to store dust pans and brushes	Remove storage from breaker panels	
161	Engineering SAH Self Inspection 11/27/90	No OSHA sign in shop	Secure and post OSHA sign	
161	Engineering SAH Self Inspection 11/27/90	Fire extinguisher blocked by bin of scrap metal	Clear and maintain unobstructed access to fire extinguisher	
161	Engineering SAH Self Inspection 11/27/90	480V disc. blocked by bin of scrap metal	Clear and maintain unobstructed access	
161A	Engineering SAH Self Inspection 11/27/90	Uncaged sprinklers	Cage sprinklers	
161A	Engineering SAH Self Inspection 11/27/90	Needs exit signs	Install exit signs	
161A	Engineering SAH Self Inspection 11/27/90	Books need restraint device	Provide restraint for books	
161A	Engineering SAH Self Inspection 11/27/90	Wall penetration not fire protected	Seal wall penetration and/or provide fire protection	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
161M	Engineering SAH Self Inspection 11/27/90	No load rating for storage	Obtain load rating for storage	
161M	Engineering SAH Self Inspection 11/27/90	Unsecured cabinets	Secure cabinets	
165	Engineering SAH Self Inspection 11/27/90	Eye wash out of exit 21 has no protective caps	Provide protective caps	
165	Engineering SAH Self Inspection 11/27/90	Flammable cabinets do not have springs	Provide springs	
165	Engineering SAH Self Inspection 11/27/90	Lifting slings have no tags	Label slings with tags	
165	Engineering SAH Self Inspection 11/27/90	Ductseal instead of fire proofing in wall penetration	Properly seal wall penetration	
165	Engineering SAH Self Inspection 11/27/90	Paint cabinet has open vents and no ground	Close vents and provide grounding	
165	Engineering SAH Self Inspection 11/27/90	Electric cord through holes	Find proper electrical current for cord	
165	Engineering SAH Self Inspection 11/27/90	Paint cabinets not grounded	Ground paint cabinets	
165	Engineering SAH Self Inspection 11/27/90	Unsecured gas cylinders	Properly secure gas cylinders	
165	Engineering SAH Self Inspection 11/27/90	No provision for rain on barrel rack	Make provision for rain	
165	Engineering SAH Self Inspection 11/27/90	Rockbestos ground wire	Replace???	
165	Engineering SAH Self Inspection 11/27/90	Fire extinguisher #1354 not inspected since Dec. 1989	Update and have fire extinguisher inspected	
165	Engineering SAH Self Inspection 11/27/90	Fire wall has hole in north wall and NE corner	Seal holes in fire wall	
165	Engineering SAH Self Inspection 11/27/90	Emergency handle for oven CO2 fire extinguisher is blocked by a radio (NE corner of room)	Clear and maintain access to fire extinguisher	
165	Engineering SAH Self Inspection 11/27/90	Storage on top of hood	Remove storage from top of hood	
165	Engineering SAH Self Inspection 11/27/90	Unsecured items above desk	Secure items above desk	
165	Engineering SAH Self Inspection 11/27/90	Storage in front of exit door	Remove storage from in front of exit door	
222	Engineering SAH Self Inspection 11/27/90	File cabinet on landing outside of room is not secured for earthquakes	Secure file cabinet	
222	Engineering SAH Self Inspection 11/27/90	No sticker on electrical panel	Secure sticker for panel	
222	Engineering SAH Self Inspection 11/27/90	Refrigerator not marked okay for food	Post sign on refrigerator	
222	Engineering SAH Self Inspection 11/27/90	Roof storage: no load rating		
222	Engineering SAH Self Inspection 11/27/90	Unrestrained manuals overhead	Restrain overhead manuals	
222	Engineering SAH Self Inspection 11/27/90	Storage on top of cabinet	Remove storage on top of cabinet	
222	Engineering SAH Self Inspection 11/27/90	Sprinklers under 8' need cages	Put cages on sprinklers under 8'	
222	Engineering SAH Self Inspection 11/27/90	File cabinet not secured	Secure file cabinet	
222	Engineering SAH Self Inspection 11/27/90	Class "A" materials under tables	Remove class "A" materials under tables	
222	Engineering SAH Self Inspection 11/27/90	VCR stored on top of cabinet	Remove VCR from top of cabinet	
222	Engineering SAH Self Inspection 11/27/90	Shelves need lips	Put lips on shelves	
239	INSTITUTIONAL PE/Kaiser 2 11/28/90	Radiator is leaking cooling fluid. EG-27	Repair radiator and clean up spent fluid.	
239	INSTITUTIONAL PE/Kaiser 2 11/28/90	A piece of #10 wire is used as a locking device on the circuit breaker. EG-27	Properly lock-out and tag circuit breaker.	
239	Engineering LBL '90 Elec. Insp. 12/7/89	Pumps GP-11-77 & GP-12-77 in the South East corner of the room have broken flex conduit which is cutting into the wire insulation. (NEC 300-10 & NEC 300-12)	Replace faulty cord.	L. Calais

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
239	Engineering LBL '90 Elec. Insp. 12/7/89	Power cord to building P.A. system is routed across the floor and could be damaged by material stored nearby. (NEC 342-7A)	Replace and/or reroute faulty cord.	L. Calais
239	Engineering SAH Self Inspection 11/27/90	Flex conduit on WH-2-77 pump is broken open	Repair conduit	
239	Engineering SAH Self Inspection 11/27/90	Upgrade all schedules		
239	Engineering SAH Self Inspection 11/27/90	Broken conduit on 6P11-77	Repair conduit on 6P11-77	
239	Engineering SAH Self Inspection 11/27/90	Ground flammable locker		
239	Engineering SAH Self Inspection 11/27/90	Check flammable locker vents		
239	Engineering SAH Self Inspection 11/27/90	Label all piping		
239	Engineering SAH Self Inspection 11/27/90	Secure belt guard on ct177		
239	Engineering SAH Self Inspection 11/27/90	Repair hole in wall by door		
239	Engineering SAH Self Inspection 11/27/90	Cover conduit box ceiling by door		
239	Engineering SAH Self Inspection 11/27/90	List voltage on 72ABA		
239	Engineering SAH Self Inspection 11/27/90	Orange lines: Asbestos exposed		
239	Engineering SAH Self Inspection 11/27/90	Orange lines: Asbestos exposed		
239	Engineering SAH Self Inspection 11/27/90	Asbestos packing in locker	???	
239	Engineering SAH Self Inspection 11/27/90	Broken liquidite in locker	Dispose of properly	
239	Engineering SAH Self Inspection 11/27/90	Gas valve not identified	Mark gas valve properly	
239	Engineering SAH Self Inspection 11/27/90	Electrical panels not bolted	Bolt electrical panels	
239	Engineering SAH Self Inspection 11/27/90	Speed control not bolted shut	Bolt speed control	
239	Engineering SAH Self Inspection 11/27/90	Hole in fire wall	Repair hole in fire wall	
239	Engineering SAH Self Inspection 11/27/90	Sprinkler head just inside of door is obstructed by a large junction box	Remove obstruction by sprinkler head	
239	Engineering SAH Self Inspection 11/27/90	Warning lights on relay box are on extension cord	Replace extension cord with conduit	
239	Engineering SAH Self Inspection 11/27/90	Domestic H2O heater-replace press. gauge		
239	Engineering SAH Self Inspection 11/27/90	Open elec. enclosure (overhead-entry area)	Cover elect. enclosure	
239 Boiler	Engineering SAH Self Inspection 11/27/90	Mark all asbestos lines		
240	Engineering SAH Self Inspection 11/27/90	Questionable asbestos condition		
240	Engineering SAH Self Inspection 11/27/90	Storage behind & on top of filter	Remove storage	
240	Engineering SAH Self Inspection 11/27/90	High storage is unsecured	Properly store all items	
240	Engineering SAH Self Inspection 11/27/90	Toe boards needed, particularly for glass	Install toe boards	
240	Engineering SAH Self Inspection 11/27/90	Ladder has no label or non-skid feet	Provide label and feet	Yes November 27, 1990
240	Engineering SAH Self Inspection 11/27/90	Material and light fixtures too close to sprinklers	Move material and light fixtures	
240	Engineering SAH Self Inspection 11/27/90	Fluorescent lights have no quake restraints or shatter protection	Provide quake restraints and shatter protection	
240	Engineering SAH Self Inspection 11/27/90	Unsecured glass boxes and material piled on top of cabinets, no restraints	Remove storage on top of cabinets	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
242	Engineering SAH Self Inspection 11/27/90	Cover missing from the transformer on S wall approximately 8 feet above floor.	Replace cover on transformer	
242	Engineering SAH Self Inspection 11/27/90	Fluorescent lights have no quake restraints or shatter protection	Provide quake restraints and shatter protection	
242	Engineering SAH Self Inspection 11/27/90	Box with bell on it needs knockout blanked off	Blank off knockout	
242	Engineering SAH Self Inspection 11/27/90	Exit opens on to roadway w/o warning sign	Put warning sign on exit door that it opens on to roadway	
242	Engineering SAH Self Inspection 11/27/90	Unsealed asbestos lagging		
242	Engineering SAH Self Inspection 11/27/90	GFI need on receptacle near sink	Provide GFI for receptacle	
242	Engineering SAH Self Inspection 11/27/90	Holes in floor are fire hazard	Seal holes in floor	
242	Engineering SAH Self Inspection 11/27/90	Wiring to device on vent system alarm on vent system is temporary	Provide permanent wiring	
242	Engineering SAH Self Inspection 11/27/90	Asbestos on barrel heater	???	
242	Engineering SAH Self Inspection 11/27/90	No fire extinguisher	Install fire extinguisher	
242A	Engineering SAH Self Inspection 11/27/90	Store chemicals in proper cabinet		
242A	Engineering SAH Self Inspection 11/27/90	Label asbestos		
242A	Engineering SAH Self Inspection 11/27/90	Label piping		
242A	Engineering SAH Self Inspection 11/27/90	Screws missing in elect. panel	Replace missing screws in elect. panel	
242A	Engineering SAH Self Inspection 11/27/90	Need GFCI at all receptacles near sink	Install GFCI at all receptacle near sink	
242A	Engineering SAH Self Inspection 11/27/90	Cover missing on step down transformer	Replace cover on stepdown transformer	
242A	Engineering SAH Self Inspection 11/27/90	Wires hanging out of open "J" box	Repair wires hanging out of open "J" box	
244	Engineering SAH Self Inspection 11/27/90	Light on all machine tools to have shatter proof bulbs or protection	Provide shatter proof bulbs or shatter protection	
244	Engineering SAH Self Inspection 11/27/90	Panel 86A-CB40 is obstructed	Clear and maintain access to panel	
244	Engineering SAH Self Inspection 11/27/90	Lamp has spliced wires	Replace wires	
244	Engineering SAH Self Inspection 11/27/90	GFCI needed near water fountain	Install GFCI	
244	Engineering SAH Self Inspection 11/27/90	Combustible storage not able to be seen by sprinkler	Properly store combustible materials	
244	Engineering SAH Self Inspection 11/27/90	Transite in use near hood	???	
244	Engineering SAH Self Inspection 11/27/90	Lamp near collee pot has zip cord, two wire bad plug	Replace cord and plug on lamp	
244	Engineering SAH Self Inspection 11/27/90	Asbestos under bench	???	
244	Engineering SAH Self Inspection 11/27/90	Top of power supply not closed	Insure top of power supply is closed	
244	Engineering SAH Self Inspection 11/27/90	2 wire foot switch on Mod. wheel	Provide proper switch	
244	Engineering SAH Self Inspection 11/27/90	Amp has wiring showing through holes next to wet machine	Seal holes and protect wiring	
244	Engineering SAH Self Inspection 11/27/90	Reactor for grinder has temporary wiring	Wire reactor for grinder in permanently	
244	Engineering SAH Self Inspection 11/27/90	Ultrasonic supply has temporary wiring	Install permanent wiring	
244	Engineering SAH Self Inspection 11/27/90	Two wire cords in evidence	Replace with 3 wire cords	
244	Engineering SAH Self Inspection 11/27/90	Controller annealing furnace has temporary wiring	Provide permanent wiring	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
244	Engineering SAH Self Inspection 11/27/90	Poloroid light new cap and strain relief	Provide new cap and strain relief	
244	Engineering SAH Self Inspection 11/27/90	Shatterproof bulbs needed	Provide shatterproof bulbs	
244	Engineering SAH Self Inspection 11/27/90	Sprinklers too close to other objects	Remove objects close to sprinklers	
244	Engineering SAH Self Inspection 11/27/90	No guard on vacuum pump	Install guard on pump	
244	Engineering SAH Self Inspection 11/27/90	Desk lamp on workbench is fed by a zip cord with metal back plug	Remove and replace zip cord	
244	Engineering SAH Self Inspection 11/27/90	Eye wash has no protective caps	Provide protective caps	
244	Engineering SAH Self Inspection 11/27/90	Most of the power cords have metal back cord caps	Replace cords	
244	Engineering SAH Self Inspection 11/27/90	Bus panel and circuit breakers inside of rack not covered with any guard	Provide guard	
244	Engineering SAH Self Inspection 11/27/90	Electrical box over door to Rm. 244C needs a knockout cover over hole	Seal hole in box.	
244	Engineering Environmental Self Inspection 11/27/90	Glass/quartz lathes have no hoods	Provides hoods for glass/quartz lathes	
244	Engineering SAH Self Inspection 11/27/90	Clock Cord-metal cap	Replace clock cord	
244	Engineering SAH Self Inspection 11/27/90	Daisy-chained cords to permanent lamp fixture on sink hood	Replace daisy-chained cords	
244	Engineering SAH Self Inspection 11/27/90	Belt sander needs guards	Install guards on belt sander	
244	Engineering SAH Self Inspection 11/27/90	Surf. grinder control labels worn off	Replace surf. grinder control labels	
244	Engineering SAH Self Inspection 11/27/90	Unlabeled ladder	Label Ladder	
244	Engineering SAH Self Inspection 11/27/90	Unsecured storage on top of glass cab.	Remove or secure storage on top of glass cab.	
244	Engineering SAH Self Inspection 11/27/90	Diamond generator-metal cord cap	Replace metal cord cap on diamond generator	
244	Engineering SAH Self Inspection 11/27/90	MOD.KSA lathe-storage on hood	Remove storage on hood	
244	Engineering SAH Self Inspection 11/27/90	MOD.KSA lathe-metal cord cap	Replace metal cord cap	
244	Engineering SAH Self Inspection 11/27/90	Most lathes need hoods over them	Install hoods over lathes	
244	Engineering SAH Self Inspection 11/27/90	All asbestos work surf.(bench tops,etc.) and asbestos lathe guards in very poor shape-suggest ceramic replacements	Install hoods over lathes	
244	Engineering SAH Self Inspection 11/27/90	Need flame guards for lighters	Install flame guards on lighters	
244	Engineering SAH Self Inspection 11/27/90	#EF-14 blower-inadequate belt guard	Put adequate belt guard on #EF-14 blower	
244A	Engineering Environmental Self Inspection 11/27/90	Silica dust hazard from melting quartz	Protect against hazard	
244A	Engineering SAH Self Inspection 11/27/90	Basket needed to guard sprinkler head	Install basket to guard sprinkler head	
244B	Engineering SAH Self Inspection 11/27/90	Book cases not tied to wall	Secure book cases	
244B	Engineering SAH Self Inspection 11/27/90	Storage on file cabinet	Remove storage on file cabinet	
244B	Engineering SAH Self Inspection 11/27/90	File cabinet not secured	Secure file cabinet	
244B	Engineering SAH Self Inspection 11/27/90	Shelf cabinet not secured and top used for storage	Secure shelf cabinet and remove storage on top	
244C	Engineering SAH Self Inspection 11/27/90	Wireway used for shelf	Remove storage from wireway	
244C	Engineering SAH Self Inspection 11/27/90	Storage between crane rails	Remove storage to proper location	
244C	Engineering SAH Self Inspection 11/27/90	Small drill has wires to micro switch insulated only with electrical tap	Properly insulate wires on drill	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
244C	Engineering SAH Self Inspection 11/27/90	Unsecured storage on top of shelves	Remove unsecured storage on top of shelves	
244C	Engineering SAH Self Inspection 11/27/90	Outlet 86A-27 near sink not GFC	Install GFC outlet near sink	
244C	Engineering SAH Self Inspection 11/27/90	Exit signs needed	Install exit signs	
244C	Engineering SAH Self Inspection 11/27/90	Find alternative to asbestos clothing		
244C	Engineering SAH Self Inspection 11/27/90	Improper glass storage	Store glass properly	
244C	Engineering SAH Self Inspection 11/27/90	Elect. wireway used for storage	Remove storage from elect. wireway	
244C	Engineering SAH Self Inspection 11/27/90	Improper wiring on microswitch at small drill press	Replace wiring	
244C	Engineering SAH Self Inspection 11/27/90	Equipment and stock stored on floor	Remove equipment and stock stored on floor	
244C	Engineering SAH Self Inspection 11/27/90	Extremely cluttered-bad housekeeping	Clean up	
244E	Engineering SAH Self Inspection 11/27/90	No guard on shaft on glass lathe	Install guard	
244E	Engineering SAH Self Inspection 11/27/90	Two wire foot switch (2 each)	Replace each with three wire foot switch	
244E	Engineering SAH Self Inspection 11/27/90	Power to oven has restricted access	Clear and maintain access to oven power	
244E	Engineering SAH Self Inspection 11/27/90	Two wire foot switch	Replace with proper switch	
244E	Engineering SAH Self Inspection 11/27/90	Two wire lamp	Replace with three wire cord	
244E	Engineering SAH Self Inspection 11/27/90	Needs doorknob	Install doorknob	
244E	Engineering SAH Self Inspection 11/27/90	Insufficient clearance for elect. panel near kiln	Make adequate clearance for elect. panel near kiln	
244E	Engineering SAH Self Inspection 11/27/90	Open panel on kiln w/loose asbestos inside	?	
244E	Engineering SAH Self Inspection 11/27/90	Loose asbestos in room	Remove asbestos	
244E	Engineering SAH Self Inspection 11/27/90	Entire room disorderly-bad housekeeping	Clean up room	
244E	Engineering SAH Self Inspection 11/27/90	Replace all metal back plugs		
244E	Engineering SAH Self Inspection 11/27/90	Air pressure too high	Regulate air pressure	
244E	Engineering SAH Self Inspection 11/27/90	Tumbler should be hardwired		
244E	Engineering SAH Self Inspection 11/27/90	Nitrogen bottle improperly secured	Properly secure nitrogen bottle	
244E	Engineering SAH Self Inspection 11/27/90	Sandblaster foot switch needs guard	Put guard on sandblaster foot switch	
244E	Engineering SAH Self Inspection 11/27/90	Foot switch wire frayed on sandblaster	Replace wire on foot switch on sandblaster	
244E	Engineering SAH Self Inspection 11/27/90	No shatterproof bulb at sandblaster	Install shatterproof bulb at sandblaster	
244F	Engineering SAH Self Inspection 11/27/90	Grinder motor mounted on lathe in SE corner has an inline switch on power cord. The cord insulation is damaged at the switch.	Remove inline switch and replace cord	
244F	Engineering SAH Self Inspection 11/27/90	Paper cutter has no digit guard	Provide digit guard or replace paper cutter	
244F	Engineering SAH Self Inspection 11/27/90	Secure power panel by door north		
244F	Engineering SAH Self Inspection 11/27/90	Grinder guards upper adjust		
244F	Engineering SAH Self Inspection 11/27/90	Lights on machine tools are not shatter proof or have shatter protection	Protect shatter proof bulbs or shatter protection	
244F	Engineering SAH Self Inspection 11/27/90	Fluorescent lights have no quake restraints or shatter protection	Provide quake restraints and shatter protection	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
244F	Engineering SAH Self Inspection 11/27/90	Hose taped to floor by Bridgeport presents a trip hazard	Move hose	
244F	Engineering SAH Self Inspection 11/27/90	No exit signs	Provide exit signs	
244F	Engineering SAH Self Inspection 11/27/90	Electrical gutter on S. wall used as a storage shelf	Remove storage to proper storage area	
244F	Engineering SAH Self Inspection 11/27/90	Hood last inspected 6/14/88	Have hood inspected	
244F	Engineering SAH Self Inspection 11/27/90	Metal ladder used on electrical equipment	Replace ladder with wooden ladder	
244F	Engineering SAH Self Inspection 11/27/90	Grinder tongue greater than 1/4" from wheel		
244F	Engineering SAH Self Inspection 11/27/90	Loose asbestos in breezy lunch area	Remove asbestos	
244F	Engineering SAH Self Inspection 11/27/90	N2 bottle inadequately chained	Adequately chain N2 bottle	
244F	Engineering SAH Self Inspection 11/27/90	Industrial abrasive unit-non-deadfront plug adaptor	Replace plug adaptor	
244F	Engineering SAH Self Inspection 11/27/90	Unsecured storage on top of shelves	Remove unsecured storage on top of shelves	
244F	Engineering SAH Self Inspection 11/27/90	2 wire cord on desk lamp	Replace 2 wire cord on desk lamp	
244F	Engineering SAH Self Inspection 11/27/90	Extremely bad housekeeping	Clean up	
244F	Engineering SAH Self Inspection 11/27/90	No point of contact guards on machines	Install point of contact guards on machines	
244F	Engineering SAH Self Inspection 11/27/90	Wire way used for storage	Remove storage from wire way	
244F	Engineering SAH Self Inspection 11/27/90	Improper cover on trap under sink	Properly cover trap under sink	
244F	Engineering SAH Self Inspection 11/27/90	Lower shelves need lips	Put lips on lower shelves	
244F	Engineering SAH Self Inspection 11/27/90	No drain warning sign at sink	Install drain warning sign at sink	
244F	Engineering SAH Self Inspection 11/27/90	Wire saw should be disposed of if not being used otherwise should be brought up to BMP		
244F	Engineering SAH Self Inspection 11/27/90	Diamond saw should have new plug	Put new plug on diamond saw	
244F	Engineering SAH Self Inspection 11/27/90	Drill press should be bolted down	Bolt down drill press	
244F	Engineering SAH Self Inspection 11/27/90	Band saw should have new plug	Put new plug on band saw	
244F	Engineering SAH Self Inspection 11/27/90	Tongue guard on grinder has excess space		
244F	Engineering SAH Self Inspection 11/27/90	Improper stock storage	Store stock properly	
244F	Engineering SAH Self Inspection 11/27/90	Improper stock storage	Store stock properly	
244F	Engineering SAH Self Inspection 11/27/90	Inline switch on Dumore grinder motor		
244F	Engineering SAH Self Inspection 11/27/90	Metal back plug on Dumore grinder	Replace metal back plug	
244F	Engineering SAH Self Inspection 11/27/90	File cabinets not secured	Secure file cabinets	
244F	Engineering SAH Self Inspection 11/27/90	Unlabeled containers	Label containers	
244F	Engineering SAH Self Inspection 11/27/90	Grinder wheel loaded w/soft metal	?	
244F	Engineering SAH Self Inspection 11/27/90	Need larger, longer wire on jewelers lathe		
244F	Engineering SAH Self Inspection 11/27/90	Shelves above workbenches need lips	Put lips on shelves above workbenches	
244F	Engineering SAH Self Inspection 11/27/90	Conduit protruding from outside wall (244F)		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
244F	Engineering SAH Self Inspection 11/27/90	Wire protruding from electrical box outside 244F		
77 Outside N	Engineering SAH Self Inspection 11/27/90	Acid containers on hill side	Remove acid containers on hill side	
77 Outside N	Engineering SAH Self Inspection 11/27/90	No identification on hydraulic unit	I.D. hydraulic unit	
77 Outside N	Engineering SAH Self Inspection 11/27/90	Hydraulic unit power breaker not identified (per Jarrett)	I.D. hydraulic unit power breaker	
77 Outside N	Engineering SAH Self Inspection 11/27/90	Remove old conduit & plumbing		
All	Engineering SAH Self Inspection 11/27/90	Pipes are not color-coded or marked	Mark pipes for use and color-code where necessary	
All Bldg. 77	Engineering SAH Self Inspection 11/27/90	All blow-off nozzles must have air pressure at or below 30 psf. None were correct		
Area behind 79	Engineering SAH Self Inspection 11/27/90	Inadequate cylinder restraints	Install adequate cylinder restraints	
B773	Engineering SAH Self Inspection 11/27/90	Secure bottom of alum. piping east		
B773	Engineering SAH Self Inspection 11/27/90	Label plugs on north wall		
B773	Engineering SAH Self Inspection 11/27/90	Secure white board on wall		
B773	Engineering SAH Self Inspection 11/27/90	Secure yellow cabinet		
B773	Engineering SAH Self Inspection 11/27/90	Ground yellow cabinet		
B773	Engineering SAH Self Inspection 11/27/90	Lips on metal shelves	Install lips on metal shelves	
B773	Engineering SAH Self Inspection 11/27/90	Spring on yellow cabinet	Install spring on yellow cabinet	
B77C	Engineering SAH Self Inspection 11/27/90	Vacuum cleaner-bad cord	Replace cord on vacuum cleaner	
B77C	Engineering SAH Self Inspection 11/27/90	Remove metal back plugs		
B77G	Engineering SAH Self Inspection 11/27/90	Conduit cover off and wires hanging out #354	Replace conduit cover and wires	
B77G	Engineering SAH Self Inspection 11/27/90	Large conduit elbow open		
B77G	Engineering SAH Self Inspection 11/27/90	Stairs not yellow coded	Yellow code stairs	
B77G	Engineering SAH Self Inspection 11/27/90	Unlabeled container on deck	Label container	
B77G	Engineering SAH Self Inspection 11/27/90	Railing support broken	Repair railing support	
B77G	Engineering SAH Self Inspection 11/27/90	Deck needs renailing	Renail deck	
B77G	Engineering SAH Self Inspection 11/27/90	Railing open by metal outbuildings		
B77G	Engineering SAH Self Inspection 11/27/90	Ceiling leak	Repair ceiling leak	
B77G	Engineering SAH Self Inspection 11/27/90	Storage on top of lockers	Remove storage on top of lockers	
B77G	Engineering SAH Self Inspection 11/27/90	Cabinets locked-cannot check interiors		
B77G	Engineering SAH Self Inspection 11/27/90	Food label needed on refrigerator	Put food label on refrigerator	
B77G	Engineering SAH Self Inspection 11/27/90	"J" box SW corner has large hole	Repair hole in "J" box SW corner	
B77G	Engineering SAH Self Inspection 11/27/90	"J" box SW corner cover coming off	Repair cover on "J" box	
B77H	Engineering SAH Self Inspection 11/27/90	General clean up		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
B77H	Engineering SAH Self Inspection 11/27/90	Plug holes in wall - west		
B77H	Engineering SAH Self Inspection 11/27/90	Remove old piping		
B77H	Engineering SAH Self Inspection 11/27/90	Remove yellow ? with material		
B77H	Engineering SAH Self Inspection 11/27/90	Loose GFCI receptable	Repair GFCI receptacle	
B77H	Engineering SAH Self Inspection 11/27/90	Elect. panel access restricted	Clear access to elect. panel	
B77H	Engineering SAH Self Inspection 11/27/90	Elect. panel cover loose	Repair loose cover on elect. panel	
B77H	Engineering SAH Self Inspection 11/27/90	Sliding door doesn't operate properly	Repair sliding door	
Cust.	Engineering SAH Self Inspection 11/27/90	GFI on plug on east wall		
East Exit	Engineering SAH Self Inspection 11/27/90	Chemical area - unlabeled blue container of liquid partially full	Label container with contents and necessary cautions	
East Exit	Engineering SAH Self Inspection 11/27/90	Weather cover missing from 208V, 3 phase outlet	Provide weather cover for outlet	
Glass shop	Engineering SAH Self Inspection 11/27/90	Screw in elect. panel		
Glass shop	Engineering SAH Self Inspection 11/27/90	Upgrade fire extinguisher west wall		
Glass shop	Engineering SAH Self Inspection 11/27/90	Update food label on refrigerator		
Glass shop	Engineering SAH Self Inspection 11/27/90	Fire material north west corner	Remove fire material northwest corner	
Glass shop	Engineering SAH Self Inspection 11/27/90	Asbestos on all workbenches	Remove asbestos from workbenches	
Glass shop	Engineering SAH Self Inspection 11/27/90	Vac pump 7047 no belt guard	Put belt guard on vac pump 7047	
Glass shop	Engineering SAH Self Inspection 11/27/90	Change plug 7047		
Glass shop	Engineering SAH Self Inspection 11/27/90	Remove old lamp-northwall		
Glass shop	Engineering SAH Self Inspection 11/27/90	Remove transformer under desk-north		
Glass shop	Engineering SAH Self Inspection 11/27/90	Install eyewash protectors north		
Glass shop	Engineering SAH Self Inspection 11/27/90	Chemical storage northwall ???		
Glass shop	Engineering SAH Self Inspection 11/27/90	Update hood-north wall		
Glass shop	Engineering SAH Self Inspection 11/27/90	Remove acid under sink north		
Glass shop	Engineering SAH Self Inspection 11/27/90	Clean up under sink		
Glass shop	Engineering SAH Self Inspection 11/27/90	Secure phone line box north wall		
Glass shop	Engineering SAH Self Inspection 11/27/90	Secure belt sander north wall		
Glass shop	Engineering SAH Self Inspection 11/27/90	Power supply for turbo pump-remove		
Glass shop	Engineering SAH Self Inspection 11/27/90	Better guard on ??		
Glass shop	Engineering SAH Self Inspection 11/27/90	Metal plug all		
Glass shop	Engineering SAH Self Inspection 11/27/90	Foot switch no toe guard-diamond		
Glass shop	Engineering SAH Self Inspection 11/27/90	Remove power supply for mag. table		
Glass shop	Engineering SAH Self Inspection 11/27/90	Asbestos on lines east wall???		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Glass shop	Engineering S&H Self Inspection 11/27/90	Secure oven by door east		
Hall	Engineering S&H Self Inspection 11/27/90	Upgrade belt guard on B62477		
Liq. Stor. east of 77	Engineering S&H Self Inspection 11/27/90	Fire extinguisher out of date	Update fire extinguisher	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Needs general clean up -left area above offices		
Lunch room area	Engineering S&H Self Inspection 11/27/90	Missing "J" box cover above doors at loft area	Install cover on "J" box above doors at loft area	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Fire extinguisher out of date lunch room and loft	Update fire extinguisher in lunch room and loft	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Storage behind cabinet (loft area)	Remove storage behind cabinet in loft area	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Many items not secured in loft area	Secure items in loft area	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Lead brick on floor by a/c	Remove lead brick on floor by a/c	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Incorrect wiring on sump pump at a/c in loft area	Replace wiring on sump pump at a/a in loft area	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Remove fire extinguisher label in loft area		
Lunch room area	Engineering S&H Self Inspection 11/27/90	Improper storage under sink in lunch room	Remove storage from under sink in lunch room	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Microwave cabinet not secured in lunch room	Secure microwave cabinet in lunch room	
Lunch room area	Engineering S&H Self Inspection 11/27/90	GFI's needed at sink in lunch room	Install GFI's at sink in lunch room	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Elect. panel needs new schedule in lunch room	Get new schedule for elect. panel	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Storage on top of video cabinet	Remove storage from top of video cabinet	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Fire door at loft needs blocking device removed	Remove blocking device from fire door at loft	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Replace lecturn lamp cord & plug		
Lunch room area	Engineering S&H Self Inspection 11/27/90	Stairway illuminator improperly wired	Properly wire stairway illuminator	
Lunch room area	Engineering S&H Self Inspection 11/27/90	Sprinkler head needs cover(phone booth lunch room)	Install cover on sprinkler head	
Main	Engineering S&H Self Inspection 11/27/90	Secure copy machine by 123D		
Main	Engineering S&H Self Inspection 11/27/90	Secure cabinet		
Main	Engineering S&H Self Inspection 11/27/90	Ground all red cabinets		
Main	Engineering S&H Self Inspection 11/27/90	Spring on door red cabinets	Fix spring on door of red cabinets	
Main	Engineering S&H Self Inspection 11/27/90	Check vents red cabinets		
Main	Engineering S&H Self Inspection 11/27/90	Label container in cabinet west wall		
Main	Engineering S&H Self Inspection 11/27/90	Cover and conduit on Mathison grinder		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Main	Engineering SAH Self Inspection 11/27/90	Secure and earthquake Mathison grinder		
Main	Engineering SAH Self Inspection 11/27/90	Ladder needs rubber feet and securing-North wall	Put rubber feet on ladder and secure ladder at North wall	
Main	Engineering SAH Self Inspection 11/27/90	Chip guard on all machines	Install chip guard on all machines	
Main	Engineering SAH Self Inspection 11/27/90	Lathe L45 remove conduit or repair		
Main	Engineering SAH Self Inspection 11/27/90	Lathe L45 cover on conduit		
Main	Engineering SAH Self Inspection 11/27/90	Upgrade schedule on 83A-83C-D		
Main	Engineering SAH Self Inspection 11/27/90	Handle on 83A-83C-D		
Main	Engineering SAH Self Inspection 11/27/90	Screws in all panels 83		
Main	Engineering SAH Self Inspection 11/27/90	Additional schedul on 72A3A		
Main	Engineering SAH Self Inspection 11/27/90	Secure blue cabinet by 72A3A		
Main	Engineering SAH Self Inspection 11/27/90	Remove metal extension cord		
Main	Engineering SAH Self Inspection 11/27/90	Cover on conduit box by torchen		
Main	Engineering SAH Self Inspection 11/27/90	Upper guard adjust grinder 7473		
Main	Engineering SAH Self Inspection 11/27/90	Plug for vacuum to belt sander BS4		
Main	Engineering SAH Self Inspection 11/27/90	Upper guard adjust on grinder PG-5		
Main	Engineering SAH Self Inspection 11/27/90	Eyewash guards northeast wall	Install eyewash guards northeast wall	
Main	Engineering SAH Self Inspection 11/27/90	No face shield in box NE	Install face shield in box NE	
Main	Engineering SAH Self Inspection 11/27/90	Up back plug on EDM I		
Main	Engineering SAH Self Inspection 11/27/90	Replace ground wire EDM I		
Main	Engineering SAH Self Inspection 11/27/90	Replace H.V. cord on EDM I		
Main	Engineering SAH Self Inspection 11/27/90	Pipe plug in plug 830-7		
Main Machine Shop	Engineering SAH Self Inspection 11/27/90	No point of contact guarding	Install point of contact guarding	
Main Shop	Engineering SAH Self Inspection 11/27/90	Lamp on top of stairs by computer office	Remove lamp	
Main Shop	Engineering SAH Self Inspection 11/27/90	Conduit box by door needs cover	Put cover on conduit box by door	
Main Shop	Engineering SAH Self Inspection 11/27/90	Label door into Glass & Ceramic shops		
Main Shop	Engineering Environmental Self Inspection 11/27/90	West wall flammables cabinet: Not grounded, not bolted, no auto-closing doors, insufficient secondary containment	Flammables cabinet: ground, bolt, provide auto-closing doors and provide additional secondary containment	
Main Shop	Engineering Environmental Self Inspection 11/27/90	Sump circulation pump unsecured	Secure pump	
Main Shop	Engineering Environmental Self Inspection 11/27/90	CO2 cylinders not properly secured	Secure cylinders properly	
Main Shop	Engineering Environmental Self Inspection 11/27/90	Oil slick on floor	Clean up oil slick	
Main Shop	Engineering Environmental Self Inspection 11/27/90	Improperly secured Ion exchange tanks	Secure tanks properly	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Main Shop	Engineering Environmental Self Inspection 11/27/90	Asbestos gloves by welding hood	???	
Mex.	Engineering SAH Self Inspection 11/26/90	Secure material in cabinets		
Mex.	Engineering SAH Self Inspection 11/26/90	Secure cylinder bottom weld area east?		
Mex.	Engineering SAH Self Inspection 11/26/90	Label manifold weld area east end		
Mex.	Engineering SAH Self Inspection 11/26/90	Remove old metal ext. cord east end		
Mex.	Engineering SAH Self Inspection 11/26/90	Secure spot welder to floor 508A		
Mex.	Engineering SAH Self Inspection 11/26/90	Glove box-welding wire lamps hard		
Mex.	Engineering SAH Self Inspection 11/26/90	Glove box-Lock wheels install		
Mex.	Engineering SAH Self Inspection 11/26/90	Upgrade plug 78D-9 & 78D-4		
Mex.	Engineering SAH Self Inspection 11/26/90	Handle on panel 78C		
Mex.	Engineering SAH Self Inspection 11/26/90	Upgrade schedule on 78B & 78I		
Mex.	Engineering SAH Self Inspection 11/26/90	Install all screws in elect. panel		
Mex.	Engineering SAH Self Inspection 11/26/90	Label on oil rag holder		
Mex.	Engineering SAH Self Inspection 11/26/90	Secure material in cabinet above office		
Mex.	Engineering SAH Self Inspection 11/26/90	Install stop on brake		
Mex.	Engineering SAH Self Inspection 11/26/90	Replace metal ext. cord on workbench		
Mex.	Engineering SAH Self Inspection 11/26/90	Shelves in office don't have lips	Install lips on shelves in office.	
Mex.	Engineering SAH Self Inspection 11/26/90	Material under desks	Remove material from under desks	
Mex.	Engineering SAH Self Inspection 11/26/90	Hole in wall to office east wall	Repair hole in wall to office east wall	
Mex.	Engineering SAH Self Inspection 11/27/90	Refrigerator not secured north wall	Secure refrigerator north wall	
Mex.	Engineering SAH Self Inspection 11/27/90	Piping not labeled north wall	Label piping north wall	
Mex.	Engineering SAH Self Inspection 11/27/90	Update schedule on 88B		
Mex.	Engineering SAH Self Inspection 11/27/90	Update labels on 88B		
Mex.	Engineering SAH Self Inspection 11/27/90	Update microwave oven 2 ea.		
Mex.	Engineering SAH Self Inspection 11/27/90	GFI on plug 79A-10 & 78A12		
Mex.	Engineering SAH Self Inspection 11/27/90	Label all containers under sink		
Mex.	Engineering SAH Self Inspection 11/27/90	Remove pot on top of cabinet above S.		
Mex.	Engineering SAH Self Inspection 11/27/90	Upgrade fire ext. by south door		
Mex.	Engineering SAH Self Inspection 11/27/90	Check windows for covering		
Mex.	Engineering SAH Self Inspection 11/27/90	Remove or replace lamp by stairs		
Mex.	Engineering SAH Self Inspection 11/27/90	Hole in conduit box	Seal hole in box	
Mex.	Engineering SAH Self Inspection 11/27/90	Open box on platform between crane rails	Close box	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
NE Exterior	Engineering SAH Self Inspection 11/27/90	Diesel generator reservoir leaking	Repair leak in diesel generator reservoir	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No oil containment berm.	Install containment berm.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Handrails need to be extended at communication & telephone manholes.	Extend the handrails.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No voltage or high voltage signs on switchgear access panels and doors.	Post approved high-voltage warning signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Existing trees above pad present potential hazard to substation.	Trim or remove trees.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Screws missing on switchgear covers.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Nitrogen bottle not secured properly.	Secure nitrogen bottle or remove to an approved storage area.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	LV switchgear not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Chemical dispensing-UFC(1988) prohibits dispensing of certain chemicals from horizontal drums.	A study is in process to determine which drums violate UFC88. Take necessary actions to rectify situation	
none	INSTITUTIONAL Plant Ops-Self 12/7/90	Grating not installed on elevated work station in corridor, adjacent to assembly shop.	Erect signs "For use by authorized personnel only" and "Under construction ---Keep Out."	
none	INSTITUTIONAL Plant Ops-Self 12/7/90	The hoist in the clean room in the assembly shop needs a function number	Add number	
none	INSTITUTIONAL Plant Ops-Self 12/5/90	Flammable gas supply & vent systems do not have any record that it meets present safety code.	Initiate study to review safety and determine code compliance. Document finding.	
none	INSTITUTIONAL Plant Ops-Self 12/5/90	Glass shop lathe exhaust appears to be deficient as to venting.	Initiate a review of the ventilation system & take corrective action if necessary.	
Office	Engineering SAH Self Inspection 11/26/90	Hole in wall above room125	Repair hole in wall above room125	
Office	Engineering SAH Self Inspection 11/26/90	Hole in wall by BL5077	Repair hole in wall by BL5077	
Office	Engineering SAH Self Inspection 11/26/90	Load limit on floor over office		
Office	Engineering SAH Self Inspection 11/26/90	Clean up old phone cable by SW door		
Office	Engineering SAH Self Inspection 11/26/90	Piping on South wall needs label	Label piping on south wall	
Office	Engineering SAH Self Inspection 11/26/90	Take tape off calceon welder 15195		
Office	Engineering SAH Self Inspection 11/26/90	Replace cable holder on welder 16195		
Office	Engineering SAH Self Inspection 11/26/90	Replace cable with permanent plug		
Office	Engineering SAH Self Inspection 11/26/90	chip guard on wall plugs		
Office	Engineering SAH Self Inspection 11/26/90	Install top guard on grinder PG9		
Office	Engineering SAH Self Inspection 11/26/90	Repair foot switch on roller 733		
Office	Engineering SAH Self Inspection 11/26/90	Check foot switch on roller BR-3		
Office	Engineering SAH Self Inspection 11/26/90	Repair foot switch in cabinet-south		
Office	Engineering SAH Self Inspection 11/26/90	Upgrade extension cord south wall		
Office	Engineering SAH Self Inspection 11/26/90	Label filter under 79B-3 south wall		
Office	Engineering SAH Self Inspection 11/26/90	Replace plug on grinder 1117		
Office	Engineering SAH Self Inspection 11/26/90	Change plug on blower-LBCFD		
Office	Engineering SAH Self Inspection 11/26/90	Store cylinder property by bandsaw		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Office	Engineering SAH Self Inspection 11/26/90	Clean off top of part welder south		
Office	Engineering SAH Self Inspection 11/26/90	Replace plug on rod (?) south		
Office	Engineering SAH Self Inspection 11/26/90	Crane access ladder (cage safety)		
Office	Engineering SAH Self Inspection 11/26/90	GFI on 79B-1 by drinking fountain		
Office	Engineering SAH Self Inspection 11/26/90	Install screws on elect panel		
Office	Engineering SAH Self Inspection 11/26/90	Hole in wall to office east wall	Repair hole in wall to office east wall	
Office	Engineering SAH Self Inspection 11/26/90	Chemicals in tool storage cabinet	Remove chemicals from tool storage cabinet	
Office	Engineering SAH Self Inspection 11/26/90	Chemicals in tool label -no(?)		
Office	Engineering SAH Self Inspection 11/27/90	Exit signs missing in office area	Install exit signs	
Offices and Shops	Engineering SAN SH&F 7/25-27/90	Plate glass windows require glazing change or protective railings. [Sec. 5408, UBC]	This problem is mitigated by plastic film on windows. A request for Non-Capital Alterations to provide full compliance has been submitted.	R.M. Johnson
Outs. 185	Engineering SAH Self Inspection 11/27/90	Conduit body open with wires sticking out	Repair wiring and close conduit body	
Outside	Engineering SAH Self Inspection 11/27/90	Protection around fire sprinkler system		
Outside	Engineering SAH Self Inspection 11/27/90	No covers on eye wash	Provide covers for eye wash	
Outside	Engineering SAH Self Inspection 11/27/90	Sandblaster wiring is not permanent	Provide permanent wiring for sandblaster	
Outside	Engineering SAH Self Inspection 11/27/90	No provision to handle rain on barrel storage	Provide protection for barrel storage	
Outside	Engineering SAH Self Inspection 11/27/90	Bottle storage has only one chain	Provide two chains for bottle storage	
Outside	Engineering SAH Self Inspection 11/27/90	Hazardous waste - not stored separately from other waste	Store hazardous waste properly	
Outside	Engineering SAH Self Inspection 11/27/90	Waste treatment plant do not have OSP	Write and post OSP for waste treatment plant	
Outside	Engineering SAH Self Inspection 11/27/90	Check size of berm	Check to determine if size of berm is correct	
Outside	Engineering SAH Self Inspection 11/27/90	Loose wire on extension cord	Repair extension cord	Yes November 27, 1990
Outside	Engineering SAH Self Inspection 11/27/90	Outside south-55-gal. of diesel has no label. Is diesel stored properly?	Label diesel drum with contents and necessary cautions. Check on proper storage of diesel.	
Outside 77 West	Engineering SAH Self Inspection 11/27/90	Metal storage needs straightening up		
Outside 77 West	Engineering SAH Self Inspection 11/27/90	Rebar close to falling off rack		
Outside 77 West	Engineering SAH Self Inspection 11/27/90	Loose cover & missing screws on elect. panels. Also panels not labeled.	Replace cover and screws and label panels	
Outside 77 West	Engineering SAH Self Inspection 11/27/90	Finish removal of compressor housing and electrical		
Outside 77 West	Engineering SAH Self Inspection 11/27/90	Pipes corroded NW corner and along wall	Replace corroded pipes	
Outside 77 West	Engineering SAH Self Inspection 11/27/90	Improper ground on pipe NW corner		
Outside E.	Engineering SAH Self Inspection 11/27/90	Ground flammable box		
Outside E.	Engineering SAH Self Inspection 11/27/90	No spring flammable box door	Install spring on flammable box door	
Outside E.	Engineering SAH Self Inspection 11/27/90	Hole in bottom of box 56B33	Repair hole in bottom of box 56B33	
Outside E.	Engineering SAH Self Inspection 11/27/90	Hole in wall north of door	Repair hole in wall north of door	
Outside E	Engineering SAH Self Inspection 11/27/90	Cover Batteries on EG27-77		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Outside E	Engineering SAH Self Inspection 11/27/90	Secure panel on EG27-77		
Outside E	Engineering SAH Self Inspection 11/27/90	Emergency light by EG27-77	Install emergency light by EG27-77	
Outside E	Engineering SAH Self Inspection 11/27/90	Excess storage material in rack	Remove excess storage material in rack	
Outside E	Engineering SAH Self Inspection 11/27/90	Secure diesel container		
Outside E	Engineering SAH Self Inspection 11/27/90	Material in black plastic	Identify material in black plastic	
Outside E	Engineering SAH Self Inspection 11/27/90	Identify power on platform B148-77		
Outside east	Engineering Environmental Self Inspection 11/27/90	Many 55 gallon waste containers unprotected from traffic	Provide protection from traffic for waste containers	
Outside east	Engineering Environmental Self Inspection 11/27/90	Code 4.1 - Flammables cabinet: Not bolted down,	Bolt cabinet down	
Outside east	Engineering Environmental Self Inspection 11/27/90	Chemical storage locker: 10' x 20' - no secondary containment, no chemical segregation, incompatible chemical storage, no sprinkler connection, no alarms, no power, no communication	Provide secondary containment, store all chemicals properly, provide fire protection, alarms, power and communication	
Outside east	Engineering Environmental Self Inspection 11/27/90	Liquid nitrogen truck without labels of any kind	Provide proper labeling	
Outside East	Engineering Environmental Self Inspection 11/27/90	Hazardous waste drums with date older than 90 days	Dispose of waste in accordance with regulations	
Outside East	Engineering Environmental Self Inspection 11/27/90	Hazardous waste in drum with label not detailed	Provide information on label	
Outside East	Engineering Environmental Self Inspection 11/27/90	Unlabeled trash barrel	Label barrel	
Outside SE Corner	Engineering Environmental Self Inspection 11/27/90	Storage room: unlabeled 55 gallon drum	Label drum for contents and necessary cautions	
Outside SE Corner	Engineering Environmental Self Inspection 11/27/90	Bad Housekeeping	Clean up area	
Outside SE Corner	Engineering Environmental Self Inspection 11/27/90	Hazardous waste by EHS in awful condition	Clean up and properly store hazardous waste	
Outside South	Engineering Environmental Self Inspection 11/27/90	2 - 500 gallon poly vats without secure lids	Secure lids on vats	
Outside South	Engineering Environmental Self Inspection 11/27/90	2 - 500 gallon poly vats not accurately labeled (and contaminated TCA)	Correct labeling deficiency	
Outside South	Engineering Environmental Self Inspection 11/27/90	2 - 55 gallon carbon filters outside of berm	Place filters inside berm	
Outside W.	Engineering SAH Self Inspection 11/27/90	Open conduit on 77EX001		
Outside W.	Engineering SAH Self Inspection 11/27/90	Gas storage cylinders west wall??		
Outside west	Engineering SAH Self Inspection 11/27/90	Unlabeled shed at 28X55 gal combustables & solvents	Label shed	
Outside west	Engineering SAH Self Inspection 11/27/90	Drum storage needs more grounds NRPA labels		
Outside west	Engineering SAH Self Inspection 11/27/90	No double chains on hydrogen, acetylene tanks	Install double chains on hydrogen, acetylene tanks	
Plating	ENGINEERING OSHA SELF 06/15/90		Need exits properly identified. OSHA Checklist #13.2	
Plating	ENGINEERING OSHA SELF 06/15/90		Need exits properly identified. OSHA Checklist #13.3	
Plating	ENGINEERING OSHA SELF 06/15/90		Need exits properly identified. OSHA Checklist #13.4	
Plating	ENGINEERING OSHA SELF 06/15/90		OSHA Checklist #30.7	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Plating	ENGINEERING OSHA SELF 06/15/90		Need to vapor & liquid tight drums and combustible liquid piping. OSHA Checklist #332.4	
Plating	ENGINEERING OSHA SELF 06/15/90		Need medical and biological monitoring system of some sort. OSHA Checklist #33.17	
Plating	ENGINEERING OSHA SELF 06/15/90		Need more lables posted identifying nonpotable water. OSHA Checklist #37.1	
Plating Shop	EPH&S Self Assessment 11/5/90	Not all tanks in the plating shop meet OSHA/ACGIH exhaust volume requirements. Cost: MI (Multiple Items)	Plant project underway to correct.	Buerer, A.
Plating Shop	EPH&S Self Assessment	Adequate protection not provided in plating shop to prevent accidental mixing of acids and cyanides in the event of tank failure. Cost: MI (Multiple Items)	Plant project underway to correct.	Buerer, A.
Plating Shop Pit	Engineering DOHS HzdWstfndlg Jan-90	3 tanks in pit require secondary containment and protection against damage from falling objects.	Tank requirements to be achieved with FY90 GPP modification to the plating shop. Substantial mitigation of hazard due to the fact that these tanks handle only byproduct materials following rinse.	C. Dutcher
Pitg Shp	EPH&S Self Assessment 11/5/90	Inadequate/improper storage of bulk chemicals at plating shop	EH&S project underway to correct.	Buerer, A.
Pitg Shp	EPH&S Self Assessment 11/5/90	Proper eye and protective clothing not always worn in plating shop	Supervisor to enforce safety standards.	Buerer, A.
SE Exterior	Engineering S&H Self Inspection 11/27/90	Broken weathertight boxes tag#360	Repair boxes	
Sheet	Engineering S&H Self Inspection 11/26/90	Eyewash upgrade southwest		
Sheet	Engineering S&H Self Inspection 11/26/90	Remove material under sink southwest		
Sheet	Engineering S&H Self Inspection 11/26/90	Lower (?) on cylinder southwest		
Sheet	Engineering S&H Self Inspection 11/26/90	Change plug no. 78A-20 south wall		
Sheet	Engineering S&H Self Inspection 11/26/90	Change 2 ea. plug on welder 527651		
Sheet	Engineering S&H Self Inspection 11/26/90	Replace elect. plugs on pent? welder (4ea.)		
Sheet	Engineering S&H Self Inspection 11/26/90	Replace plug on bandsaw 8333		
Sheet	Engineering S&H Self Inspection 11/26/90	Guards on all wall plugs		
Sheet	Engineering S&H Self Inspection 11/26/90	Metal plugs on all tools in grinding		
Sheet	Engineering S&H Self Inspection 11/26/90	Relocate BL37-77 Box		
Sheet	Engineering S&H Self Inspection 11/26/90	Remove red light in grinding		
Sheet	Engineering S&H Self Inspection 11/26/90	Secure material in cabinet #25		
Sheet	Engineering S&H Self Inspection 11/26/90	Remove metal plug extension cord		
Sheet Metal	Engineering S&H Self Inspection 11/27/90	Gas cylinders improperly secured (2)	Properly secure gas cylinders	
Sheet Metal Shop	Engineering S&H Self Inspection 11/27/90	Assorted lube oils in non earthquake shell	Remove lube oils or earthquake shell	
Sheet Metal Shop	Engineering S&H Self Inspection 11/27/90	Incompatible storage in wall cabinet	Separate storage into proper cabinets	
Sheet Metal Shop	Engineering S&H Self Inspection 11/27/90	Brite dip tanks at rinse down drain		
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Secure cabinet on mezz. walkway		
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Secure cabinet by door 2 ea.		
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Inspect microwave oven		

BUILDING: 77

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Food label on refrigerator	Put food label on refrigerator	
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Label wall plug west wall		
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Remove material under desks		
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Secure books on shelves south end		
Shop Mezz.	Engineering S&H Self Inspection 11/27/90	Label elect. panel by door		
Shops	Engineering SAN SH&F 7/25-27/90	Require assured equipment grounding program for all electrical powered hand tools that are not double insulated.	This problem has been referred to the Electrical Safety Sub-Committee for Lab-Wide resolution.	R.M. Johnson
Shops	Engineering SAN SH&F 7/25-27/90	Lathes and drill presses lack point of contact guards for utilization where reasonable or prudent. [29CFR1910.212]	The Engineering Division Safety committee is evaluating point of contact guards for retrofitting where reasonable and prudent usage dictates.	R.M. Johnson
Shops	Engineering SAN SH&F 7/25-27/90	Guarding on the mechanical brake press in the sheet metal shop needs improvement [29CFR1910.215]	The Engineering Division Safety committee is evaluating point of contact guards for retrofitting where reasonable and prudent usage dictates. is evaluating point of contact guards for retrofitting where reasonable and prudent usage dictates.	R.M. Johnson
Shops	Engineering SAN SH&F 7/25-27/90	B77 is not equipped with emergency lighting. The emergency generator may not act quickly enough to meet requirement of [29CFR1910.38(b)(6)]	The B77 emergency generator has been verified to respond within 20 seconds. This meets the intent of code until a replacement generator with faster startup is acquired.	R.M. Johnson
Shops	Engineering SAN SH&F 7/25-27/90	Provid basket guards for sprinkler heads within 8' of floor [29CFR1910.159(c)(8)(iii)]	A work request memo has been submitted to C&M for placement of basket guards on sprinkler heads. The issue is to receive Lab-Wide review.	R.M. Johnson
Shops	Engineering SAN SH&F 7/25-27/90	Temporary wood framed wall in the D-Zero area requires fire protection and earthquake restraint.	A work request has been submitted, and the wall is being sheetrocked and earthquake restrained. The project is near completion.	R.M. Johnson
Storage	Engineering S&H Self Inspection 11/27/90	Secure all material on shelves		
Storage	Engineering S&H Self Inspection 11/27/90	Secure all material on top		
Storage	Engineering S&H Self Inspection 11/27/90	Handle on cabinet - sheet metal		
Weld Shop	ENGINEERING OSHA SELF 06/15/90		Portable or retractable screens around burn table. OSHA Checklist #9.9	
Weld Shop	ENGINEERING OSHA SELF 06/15/90		Portable or retractable screens around burn table. OSHA Checklist #30.9	
Weld Shop	ENGINEERING OSHA SELF 06/15/90		Sound absorbing panels or curtains around shear. OSHA Checklist #9.9	
Welding Shop	Engineering S&H Self Inspection 11/27/90	Unsecured gas cylinders (2)	Secure gas cylinders	
Welding Shop	Engineering S&H Self Inspection 11/27/90	Unlabeled 1 gal. container (2)	Label 1 gal. container (2)	
Welding Shop	Engineering S&H Self Inspection 11/27/90	Flammable cabinet: no auto closing doors	Install auto closing doors on flammable cabinet	
Welding Shop	Engineering S&H Self Inspection 11/27/90	Unsecured argon bottle	Secure argon bottle	
Welding Shop	Engineering S&H Self Inspection 11/27/90	CO2 bottle badly secured	Secure CO2 bottle	
Welding Shop	Engineering S&H Self Inspection 11/27/90	Grease on floor	Clean up grease on floor	

BUILDING: 77/88/71

none	INSTITUTIONAL Plant Ops-Self 11/30/90	UL/FM Sids requires 2 low water shut-off valves for each boiler. Boilers BKR-1-77, BR-1-88, BR-2-88, BR-1-71, need a second cut-off valve.	Install proper low-water cut-off valve for code compliance

BUILDING: 77A

ENGINEERING OSHA SELF 06/15/90	Need eye wash station in work areas. OSHA Checklist #6.1

BUILDING: 77A

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
ENGINEERING	OSHA SELF	06/15/90	Need eye wash station. OSHA Checklist #7.9	
ENGINEERING	OSHA SELF	06/15/90	Need exit signs. OSHA Checklist #13.1	
ENGINEERING	OSHA SELF	06/15/90	Need exit signs. OSHA Checklist #13.1	
ENGINEERING	OSHA SELF	06/15/90	Need exit signs. OSHA Checklist #13.3	
ENGINEERING	OSHA SELF	06/15/90	Need exit signs. OSHA Checklist #13.4	
ENGINEERING	OSHA SELF	06/15/90	Need side hinged doors. OSHA Checklist #13.9	
ENGINEERING	OSHA SELF	06/15/90	Need safety feet for ladders (Non-slip). OSHA Checklist #15.2	
ENGINEERING	OSHA SELF	06/15/90	Need safety feet for ladders (Non-slip). OSHA Checklist #15.3	
ENGINEERING	OSHA SELF	06/15/90	Need records of sort showing gas cylinders being inspected for leaks. OSHA Checklist #22.5	
ENGINEERING	OSHA SELF	06/15/90	Lift truck operating rules not posted. OSHA Checklist #27.4	
ENGINEERING	OSHA SELF	06/15/90	Need written standard operating procedures for usage of respirators. OSHA Checklist #30.19	
ENGINEERING	OSHA SELF	06/15/90	Water outlets need to be labeled "Not Suitable for Drinking". OSHA Checklist #30.22	
ENGINEERING	OSHA SELF	06/15/90	Need fire-resistant covered containers for solvent waste. OSHA Checklist #32.12	
ENGINEERING	OSHA SELF	06/15/90	"No Smoking" signs need to be posted in areas where flammables are used. OSHA Checklist #32.22	
ENGINEERING	OSHA SELF	06/15/90	Provide eye wash stations where corrosive materials are being handled. OSHA Checklist #33.4	
ENGINEERING	OSHA SELF	06/15/90	Verify employees working around energized electrical equipment are trained in CPR methods. OSHA Checklist #35.32	
ENGINEERING	OSHA SELF	06/15/90	Need piping system identification procedures and color coding set-up. OSHA Checklist #37.2	
ENGINEERING	OSHA SELF	06/15/90	Need piping system identification procedures and color coding set-up. OSHA Checklist #37.8	
ENGINEERING	OSHA SELF	06/15/90	Fire extinguishers not provided for each transport vehicle. OSHA Checklist #39.8	
AFRD	AFRD	11/19/90	Fire alarm pull box needs more clearance. Fire extinguisher unmounted.	
AFRD	AFRD	11/19/90	Unlabeled squirt bottle	labeled
AFRD	AFRD	11/19/90	permanent power needs to go to work bench	done
AFRD	AFRD	11/19/90	How are large Cryo dewars to be stored?	not required
AFRD	AFRD	11/19/90	Hydrogen detector needs to be secured	
AFRD	AFRD	11/19/90	magnet assembly area- radar boxes used in lieu of permanent power. Cords on floor present a tripping hazard	cord ramp being fabricated
AFRD	AFRD	11/19/90	review safety glass requirement	
AFRD	AFRD	11/19/90	rolling racks need wheels locked down	
AFRD	AFRD	11/19/90	vacuum racks VT01-VT04 needs proper breaker labelling. Temporary sitns should be removed	
AFRD	AFRD	11/19/90	outlets need to be labeled	

BUILDING: 77a

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	AFRD	Lead bricks need encapsulation		Yes
	AFRD 11/19/90			November 20, 1990
	AFRD	Cabinets need to be secured		Yes
	AFRD 11/19/90			November 19, 1990
	AFRD	workbenches need permanent power		Yes
	AFRD 11/19/90			April 1, 1990
	AFRD	no certification on dayton hoist and frame	on frame and hoist	Yes
	AFRD 11/19/90			November 29, 1990
	AFRD	rag can says empty every night. Either do that or get rid of sign	empty every night	Yes
	AFRD 11/19/90			November 21, 1990
	AFRD	What to do with empty spray cans?		Yes
	AFRD 11/19/90	Send to EH&S via fax		November 19, 1990
	AFRD	flammable cabinet- some items need better labeling- need to move all information from original container to secondary container. No inventory list	inventory 26 nov labeled 28 nov	Yes
	AFRD 11/19/90			November 28, 1990
	AFRD	Rollaround with transformer needs better cover		Yes
	AFRD 11/19/90			November 30, 1990
	AFRD	Dispose of frayed slings?	done	Yes
	AFRD 11/19/90			November 19, 1990
	AFRD	rails needed on roof of office		
	AFRD 11/19/90			
101	Engineering	Many ladders need restrainers	Put restrainers on ladders	
	SAH Self Inspection 11/27/90			
101	Engineering	H.V. sticker on static generator		
	SAH Self Inspection 11/27/90			
101	Engineering	H.V. safety ground on same		
	SAH Self Inspection 11/27/90			
101	Engineering	Label C.B. on vacuum (?)		
	SAH Self Inspection 11/27/90			
101	Engineering	Uncovered lead bricks stored on top of the combustible gas alarm box on north wall.	Remove lead bricks stored on top of the combustible gas alarm box on north wall.	
	SAH Self Inspection 11/27/90			
101	Engineering	Combustible gas alarm is sitting on the building frame-not adequately secured and only plug & cord connected.	Remove combustible gas alarm from building frame or adequately secure and correct plug and cord connection	
	SAH Self Inspection 11/27/90			
101	Engineering	Yellow flammable liquid locker is vented not grounded and not secured for E.Q.	Ground and E.Q. yellow flammable liquid locker	
	SAH Self Inspection 11/27/90			
101	Engineering	Safety can of ethyl alcohol sitting on ledge above flammable liquid locker with no lip or restrainers.	Remove or secure can of ethyl alcohol sitting on ledge above flammable liquid locker	
	SAH Self Inspection 11/27/90			
101	Engineering	Bolt rack in N.E. corner of room has no quake restrainers	Restrain bolt rack in N.E. corner of room	
	SAH Self Inspection 11/27/90			
101	Engineering	Roll paper dispenser sitting on building frame is not earthquake restrained	Earthquake restrain roll paper dispenser sitting on building frame	
	SAH Self Inspection 11/27/90			
101	Engineering	Miller welding mach. has #4 power cord attached to #6 ext. cord. Receptacle on ext. cord needs threading		
	SAH Self Inspection 11/27/90			
101	Engineering	Fluorescent lamps on workbench have no quake restrainers or shatter protection	Restrain fluor. lamps on workbench	
	SAH Self Inspection 11/27/90			
101	Engineering	Outlet strips have 1613 need 14/3 SO	Mark pipes	
	SAH Self Inspection 11/27/90			
103	Engineering	Fire ext. by S.W. door out of date	Update fire extinguisher	
	SAH Self Inspection 11/27/90			
103	Engineering	Toeboard required around ladder landing	Install toeboard around ladder landing	
	SAH Self Inspection 11/27/90			
103	Engineering	Visitors without safety glasses	Make sure visitors wear safety glasses	
	SAH Self Inspection 11/27/90			
103	Engineering	Unsecured shelving W. wall	Secure shelving west wall	
	SAH Self Inspection 11/27/90			
103	Engineering	Collee cup on top of panel 152A	Remove collee cup on top of panel 152A	
	SAH Self Inspection 11/27/90			
103	Engineering	Cap missing from welding receptacle by breaker panel	Replace cap missing from welding receptacle by breaker panel	
	SAH Self Inspection 11/27/90			
103	Engineering	Conduit body has cover unsecured behind breaker panel 72D46A	Secure cover on conduit body	
	SAH Self Inspection 11/27/90			
106	Engineering	N. wall E. storage on top of XFMR	Remove storage	
	SAH Self Inspection 11/27/90			

BUILDING: 77A

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
105	Engineering S&H Self Inspection 11/27/90	Slings on N. wall Quest. condition		
105	Engineering S&H Self Inspection 11/27/90	Paper cutter-no finger guard	Put finger guard on paper cutter	
105	Engineering S&H Self Inspection 11/27/90	Ground 4 pin amphenols cables		
105	Engineering S&H Self Inspection 11/27/90	Get rid of splices in AC cables		
105	Engineering S&H Self Inspection 11/27/90	Welding receptacle by breaker panel 153A has the cap unsecured	Secure cap on welding receptacle	
105	Engineering S&H Self Inspection 11/27/90	Fire extinguisher and pull box near door is obstructed by cardboard boxes	Unobstruct fire extinguisher and pull box	
105	Engineering S&H Self Inspection 11/27/90	No guard rails or toeboards around storage area on roof of room 110	Install guardrails or toeboards around storage area on roof of room 110	
105	Engineering S&H Self Inspection 11/27/90	No guard rails or toeboards around storage area over rooms 107 & 109	Install guardrails or toeboards around storage area over rooms 107 & 109	
105	Engineering S&H Self Inspection 11/27/90	Two lead hammers with flared heads	Need to replace or redress two lead hammers with flared heads	
105	Engineering S&H Self Inspection 11/27/90	Cabinets need lips	Put lips on cabinets	
110	Engineering S&H Self Inspection 11/27/90	Lamp under 8' w/o guard	Put guard on lamp under 8'	
110	Engineering S&H Self Inspection 11/27/90	Sprinkler under 8' w/o guard	Put guard on sprinkler under 8'	
ALL	Engineering S&H Self Inspection 11/27/90	Fire sprinkler lines need red identification	Put red I.D. on fire sprinkler lines	
All	Engineering S&H Self Inspection 11/27/90	Pipes not marked	Mark pipes	
ctr bay	AFRD AFRD 11/19/90	replace button on power shoe cleaner	removed from service	Yes November 30, 1990
NONE	Administration OSHA 5/30/90	BLDGS. 14, RM. 138 AND 77 OUTSIDE LADIES ROOM		
NONE	Administration OSHA	BLDGS 16-122, 4-107 AND 7-215-108		
NONE	Administration OSHA	BARE WIRE IN BLDG. 5-120	Repair immediately	
office	AFRD AFRD 11/19/90	restraint of aluminum frames on office roof seems inadequate	adequate	Yes November 19, 1990
west	AFRD AFRD 11/19/90	replace temporary rubber air lines with steel pipes	not required	Yes November 19, 1990
west	AFRD AFRD 11/19/90	Need OSHA nozzles on air hoses		Yes November 30, 1990
west	AFRD AFRD 11/19/90	crane are inspection tags for crane hardware; hooks?	inspection kept by maintenance who perform inspection/plant engineering	Yes November 19, 1990
west & ctr	AFRD AFRD 11/19/90	crane power rails: are warning signs required?	no- power rails insulated	Yes November 19, 1990

BUILDING: 77q

AFRD		storage shelves need earthquake	Yes
AFRD	11/19/90		November 20, 1990

BUILDING: 78

NONE	Administration OSHA	IS ROOM VENTILATION REQUIRED? (Institutional Responsibility)	evaluate	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No manual fire call boxes	Review fire code requirements and install call boxes as necessary.	

BUILDING: 79

	Administration OSHA	BLADE GUARD NEEDED FOR SMALL HORIZONTAL CUTOFF SAW	install guard	
	Administration OSHA	IS MOUNTING ON SAW S2 ADEQUATE?	evaluate - remounted	Yes December 11, 1990
	Administration OSHA	LABEL: NSEW NOT MARKED ON OVERHEAD CRANE	label	Yes November 12, 1990 Marshall, P.

BUILDING: 79

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	Administration OSHA	OVERHEAD CRANE CONTROLS NOT PLAINLY MARKED	mark	Yes December 5, 1990
105A	Administration Individual 12/12/90	Lips on shelving (Parts Room)	Install lips or approp. restraints	
MEZZ	Administration Livermore 11/14/90	Restraining bar for mezzanine ladder required	Install restraining bar	Yes December 5, 1990
MEZZ	Administration Livermore 11/14/90	Flourescent tubes protrude over edge	Relocate tubes	Yes November 27, 1990 P. Marshall
MEZZ	Administration Livermore 11/14/90	Electrical box knock out missing	Plug knock out	
None	Administration Livermore 11/14/90	Fire extinguisher certification out of date	Secure updated certification	
None	Administration Livermore 11/14/90	Pallet rack damaged and not bolted	Repair and bolt pallet rack	
None	Administration Livermore 11/14/90	Hack saw and hand saw hung on nail	Store hack saw and hand saw properly	Yes November 27, 1990 P. Marshall
None	Administration Livermore 11/14/90	GFI needed at water cooler	Install GFI at water cooler	Yes December 11, 1990
None	Administration Livermore 11/14/90	Oily rag container unmarked	Mark oily rag container	Yes December 5, 1990
None	Administration Livermore 11/14/90	Restroom florescent fixture needs cover	Install cover	
None	Administration Livermore 11/14/90	Saw blade guards needed at back of blade	Install guard at back of blade	
None	Administration Livermore 11/14/90	Pigs need to be changed more frequently	Change pigs more freequently	Yes December 5, 1990
None	Administration Livermore 11/14/90	Some machines lack pigs	Place pigs at additional machines where needed	Yes December 5, 1990
None	Administration Livermore 11/14/90	Is remote, emergency crane shut off necessary?	Technical evaluation	
None	Administration Livermore 11/14/90	Monthly inspection file for crane and slings needed	Set up monthly inspection file for crane and slings	
None	Administration Livermore 11/14/90	Electrical panel has no lockouts	Technical evaluation	
None	Administration Livermore 11/14/90	Emergency number missing from telephone	Install emergency number label on telephone	Yes November 20, 1990 P. Marshall
None	Administration Livermore 11/14/90	Shear operator area unmarked	Mark shear operator area	Yes December 5, 1990
None	Administration Livermore 11/14/90	Rubber mats needed when operating electrical equipment	Secure rubber mats	
None	Administration Livermore 11/14/90	Emergency buttons missing on all saws	Install emergency buttons on all saws	
None	Administration Livermore 11/14/90	Regulators needed at each air drop	Install regulators at each air drop	
None	Administration Livermore 11/14/90	Chain guard on Plate Saw missing	Install chain guard	Yes December 5, 1990
None	Administration Livermore 11/14/90	Cut in overhead crane electrical control cable	Repair cable	
None	Administration Livermore 11/14/90	"C" clamp not OSHA approved	Secure OSHA approved "C" clamp OLD CLAMPS DISGARDED	Yes December 11, 1990
None	Administration Livermore 11/14/90	Coolant drum needs to be upright and needs secondary containment	Stand drum upright; secure pump and secondary containment	Yes December 11, 1990
None	Administration Livermore 11/14/90	Breaker Box blocked at SE corner	Clear breaker box	
None	Administration Livermore 11/14/90	Unlabeled breaker box at SE corner	Label breaker box	Yes December 5, 1990
None	Administration Livermore 11/14/90	"Safety Glasses Required" sign needed at South end	Install sign	Yes December 5, 1990

BUILDING: 79

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
None	Administration Livermore 11/14/90	Tube guards needed on fluorescent lamps	Install tube guards on lighting NOT NEEDED Per _____? 12/11/90	Yes December 11, 1990
None	Administration Livermore 11/14/90	Saw guards not in place on machines not in use	Put saw guards in place on machines not in use	
None	Administration Livermore 11/14/90	Small stock (standing on edge) protrudes from storage	Relocate stock	
None	Administration Livermore 11/14/90	Loudspeaker mounted with "C" clamps	Bolt loudspeaker - OK AS IS Per _____? 12/5/90	Yes December 5, 1990
None	Administration Livermore 11/14/90	Wood strips stored on building cross supports	Relocate wood strips	Yes December 5, 1990
NONE	Administration Livermore 11/14/90	Loose yellow wire on OH crane	Remove wire	Yes November 27, 1990 P. Marshall
None	Administration Livermore 11/14/90	Storage on top of refrigerator	Relocate stored items	Yes November 20, 1990 P. Marshall
None	Administration Livermore 11/14/90	Heavy metal stored too high	Relocate heavy metal - OK AS IS Per _____? 12/5/90	Yes December 5, 1990
None	Administration Livermore 11/14/90	No handle on cabinet	Install handle on cabinet	Yes December 5, 1990
None	Administration Livermore 11/14/90	Chain to open/close louvered vent obstructed	Modify to eliminate obstruction	Yes December 5, 1990
None	Administration Livermore 11/14/90	Custodial cabinet contents not posted	Post custodial cabinet contents including MSDS	Yes December 5, 1990
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Chemical dispensing-UFC(1988) prohibits dispensing of certain chemicals from horizontal drums.	A study is in process to determine which drums violate UFC88. Take necessary actions to rectify situation	
O/S	Administration Livermore 11/14/90	Oxygen cylinders with acetylene cylinders	Segregate oxygen cylinders	Yes November 27, 1990 P. Marshall
O/S	Administration Livermore 11/14/90	Coolant drum needs to be upright and needs secondary containment	Place drum upright; secure pump and secondary containment	
O/S	Administration Livermore 11/14/90	Trash outside at North end of building	Remove trash	Yes November 27, 1990 P. Marshall
West End Bldg.	EPH&S LBL Self Assessment 10/31/90	Lox, Lar, Hydrogen, Acetylene Storage.	Fasten hydrogen and acetylene comp. gas cylinders with 2 chains.	Hernandez, P.

BUILDING: 7B

none	Administration Office Safety Insp 11/13/90	Plastic waste basket	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Secure water dispenser	secure DUPLICATE ENTRY REMOVED	
none	Administration Office Safety Insp 11/13/90	Plastic Trash Cans	replace	
none	Administration Office Safety Insp 11/13/90	Secure water dispenser	secure	

BUILDING: 7C

none	Administration Office Safety Insp 11/13/90	Plastic waste basket	replace DUPLICATE ENTRY REMOVED APPROVED FOR REMOVAL BY _____	Yes December 12, 1990
none	Administration Office Safety Insp 11/13/90	Plastic trash can	replace	
none	Administration Office Safety Insp 11/13/90	Install sprinkler between B7B & B7C	install	

BUILDING: 80

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
BUILDING: 80				
	AFRD	glass in mezz windows and door are not break resistant type		
	AFRD	12/3/90		
	AFRD	room numbers not displayed		
	AFRD	12/3/90		
0012A	AFRD	(office) shelves on north wall have no toe boards or restraints to prevent items from falling		
	AFRD	12/3/90		
010	AFRD	earthquake file cabinets		
	AFRD	12/3/90		
010	AFRD	label pipes		
	AFRD	12/3/90		
010	AFRD	crane- no markings on beam or dolly		
	AFRD	12/3/90		
010	AFRD	vent fan from office less than 8' above floor and has no finger guard		
	AFRD	12/3/90		
010	AFRD	fluorescent lites have no quake restraint		
	AFRD	12/3/90		
010	AFRD	fire extinguisher sign required		
	AFRD	12/3/90		
012	AFRD	exit sign south exit obscured by partition		
	AFRD	12/3/90		
012	AFRD	telephone lines tied to conduit		
	AFRD	12/3/90		
012	AFRD	soldering hood last inspection 6/14/88. Is this recent enough? same with hood by bead blaster		
	AFRD	12/3/90		
012	AFRD	does hydraulic press need shield		
	AFRD	12/3/90		
012	AFRD	crane-SW corner- crane and chainfall share same beam		
	AFRD	12/3/90		
012	AFRD	lathe sheldon- needs second cut-off at tail stock end		
	AFRD	12/3/90		
012	AFRD	no room number on or near door		
	AFRD	12/3/90		
012	AFRD	nosing on steps should be yello (NOT REQUIRED AS PER CFR 1910- B. THIBADEAU)		Yes December 3, 1990
	AFRD	12/3/90		
012	AFRD	life bulbs on milling machine and lathe are not shatter proof or protected		
	AFRD	12/3/90		
012	AFRD	hood over brigh dip tanks and welding area haven't been inspected since 1988		
	AFRD	12/3/90		
012	AFRD	eye wash nozzle protective cover not installed		
	AFRD	12/3/90		
012	AFRD	hood over glove box not inspected since June 1988		
	AFRD	12/3/90		
012	AFRD	communication wires draped over crane rail and fluorescent fixtures		
	AFRD	12/3/90		
012	AFRD	hole in breaker panel 7A7A3A		
	AFRD	12/3/90		
012	AFRD	back off flange required on pipe in NE corner		
	AFRD	12/3/90		
012	AFRD	noise hazard- people working without ear protection		
	AFRD	12/3/90		
0120	AFRD	sprinkler heads need protective baskets		
	AFRD	12/3/90		
012A	AFRD	sprinkler heads need protective baskets (office area)		
	AFRD	12/3/90		
021	AFRD	NE corner 20" cables in crawl space- bare ends are they abandoned?		
	AFRD	12/3/90		
021	AFRD	earthquake microwave oven and refrig		
	AFRD	12/3/90		
021	AFRD	no indentification of dolloy: no inspection schedule		
	AFRD	12/3/90		
021	AFRD	ethernet cables dangling on fire sprinkler very close.		
	AFRD	12/3/90		

BUILDING: 80

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
021	AFRD AFRD 12/3/90	room vent filters filthy, restraining flow		
021	AFRD AFRD 12/3/90	air line feeding building is 1.5" hose which evidently snakes all over building, from bldg 10. temp?		
021	AFRD AFRD 12/3/90	fire extinguisher by door not inspected since 12/13/88		
021	AFRD AFRD 12/3/90	fish tank needs tying down		
039	AFRD AFRD 12/3/90	need OSp evaluation for vac furnace		
10	INSTITUTIONAL PE/Kaiser 11/26/90	Electrical panel 7A7A33A1B has leaking water main overhead, creating shock hazard.	Repair water leak & assure water does not enter electrical power panels.	
10	INSTITUTIONAL PE/Kaiser 11/26/90	Monorail not posted for load limit	Assure load limits are determined and posted for all hoist equipment	
107	AFRD AFRD 12/3/90	LN bottle needs to be tied down		
107	AFRD AFRD 12/3/90	earthquake cabinet		
109	AFRD AFRD 12/3/90	unidentified wires		
109	AFRD AFRD 12/3/90	sprinkler heads need protective covers		
109	AFRD AFRD 12/3/90	fire extinguisher inspections out of date		
109	AFRD AFRD 12/3/90	"room under de-commissioning" sign to say so		
109	AFRD AFRD 12/3/90	fire system under 8 ft, fluorescent lighting wiring		
12	INSTITUTIONAL PE/Kaiser 11/26/90	Interdependent monorail crane rails are posed for single load limit but not combined limit	Assure load limits are determined and posted for all hoist equipment.	
120/122	AFRD AFRD 12/3/90	need exit signs		
121	AFRD AFRD 12/3/90	painted windows have the appearance of other material, many loose freestanding cabinets, unused rheostat?		
122	AFRD AFRD 12/3/90	sprinkler head blocked by unistrut		
122	AFRD AFRD 12/3/90	pipng needs id		
122	AFRD AFRD 12/3/90	racks MM101 and MM102 have inadequate clearance in rear		
122	AFRD AFRD 12/3/90	emergency lite doesn't work		
122	AFRD AFRD 12/3/90	inadequate clearance by sprinkler head; needs protective basket		
206	Engineering Environmental Self Inspection 11-21-90	Asbestos needs label Code 9.2	Label asbestos	
206	Engineering Environmental Self Inspection 11-21-90	Asbestos cord on soldering iron	Code 9.1 Replace cord on soldering iron	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Light on work bench is wired with 2 cord. Lamp cord with plug torn apart	Replace cord	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Metal bookcase against west wall is not secured . 3' high	Secure bookcase	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Lead brick laying on shelf on west wall	Remove lead brick to proper disposal	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Metal bookcase by desk not restrained	Restrain metal bookcase	
206	Engineering SAH Self Inspection 11-21-90	Rotten insulation on power cord to nim bin and metal backed plug	Replace power cord	Yes December 19, 1990 B. Leskovar

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
206	Engineering SAH Self Inspection 11-21-90	3 cond. power cord for desk lamp tacked to wooden bookshelf in 3 places. Tag#103	Remove power cord from bookshelf	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Work bench non dead front plug	Replace plug	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	16-3 SJT cord for rear plug strip	???	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Electric plug strip used for ground	Provide proper ground	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	2 wire lamps several	Provide proper wiring for lamps	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Telephone wire on fire sprinkler	Remove wire from fire sprinkler	
206	Engineering SAH Self Inspection 11-21-90	HV plug to banana	???	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11-21-90	Old waber	Replace old waber strip with approved outlet strip	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11/21/90	Spliced cord on soldering iron	Replace cord on soldering iron	Yes December 19, 1990 B. Leskovar
206	Engineering SAH Self Inspection 11/21/90	Lead brick-poor access to breaker box-no stickers-no schedule 7A7A9A&7A3A19A. Shelf not restrained in pathway	Remove lead brick-clear access to breaker box, get stickers and schedule for 7A7A9A&7A3A19A. Restrain shelf.	
217	AFRD AFRD 12/3/90	outlet cover broken		
219	AFRD AFRD 12/3/90	rms 219/221/227- file cabinets need quake protection		
219	AFRD AFRD 12/3/90	bare cable exposed		
22	Engineering LBL '90 Elec. Insp. 2/21/90	Replace obsolete boxes.		
22	Engineering Environmental Self Inspection 11-21-90	Label door "Laser" w/o laser in room	Remove Label from door or label correctly. -There is a laser in this room, room is labeled correctly.	Yes December 19, 1990 B. Leskovar
22	Engineering SAH Self Inspection 11-21-90	No exit sign over door	Post exit sign over door	
22	Engineering SAH Self Inspection 11-21-90	Non dead front plug	Replace plug	
22	Engineering SAH Self Inspection 11-21-90	Telephone cord tied to conduit	Remove cord from conduit	
22	Engineering SAH Self Inspection 11-21-90	5KV plug to 10KV plugs	???	
220	Engineering Environmental Self Inspection 11-21-90	Asbestos needs labels Code 9.2	Label asbestos	
220	Engineering SAH Self Inspection 11-21-90	Non dead front adapter	Replace adapter	
220	Engineering SAH Self Inspection 11-21-90	2 wire magnet lamp	Replace cord	
220	Engineering SAH Self Inspection 11-21-90	Heater plug into waber strip	Replace wber strip with approved outlet strip and plug heater into wall socket	Yes December 19, 1990 B. Leskovar
220	Engineering SAH Self Inspection 11-21-90	Tape on loudspeaker	Remove tape on loudspeaker	Yes December 19, 1990 B. Leskovar
220	Engineering SAH Self Inspection 11-21-90	2 wire light	Replace wiring	Yes December 19, 1990 B. Leskovar
221	AFRD AFRD 12/3/90	BROKEN WINDOW		

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Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
228	Engineering Environmental Self Inspection 11-21-90	Bucket on asbestos covered pipe Code 9.2	Remove bucket	Yes January 19, 1990 B. Leskovar
228	Engineering S&H Self Inspection 11-21-90	Non dead front plug Gen	Replace plug	
228	Engineering S&H Self Inspection 11-21-90	Fluorescent fixture has temporary wiring	Permanently wire fluorescent fixture	
231	AFRD AFRD 12/3/90	secure bookcase		
232	Engineering Environmental Self Inspection 11-21-90	Asbestos untagged Code 9.2	Tag asbestos	Yes December 19, 1990 B. Leskovar
232	Engineering Environmental Self Inspection 11-21-90	Asbestos on column in traffic area Code 9.2	Remove asbestos	
232	Engineering S&H Self Inspection 11-21-90	Outlet by sink is not GFI protected	Provide GFI outlet by sink	
232	Engineering S&H Self Inspection 11-21-90	Insufficient clearance in front of panel 7A11B-39	Provide sufficient clearance in front of panel	Yes December 19, 1990 B. Leskovar
232	Engineering S&H Self Inspection 11-21-90	Microwave oven on cart not quake restrained	Secure microwave	
232	Engineering S&H Self Inspection 11-21-90	Earthquake bookcase	Secure bookcase	
232	Engineering S&H Self Inspection 11-21-90	Heater into plugstrip (waber)	Replace waber strip and plug heater into wall	Yes December 19, 1990 B. Leskovar
232	Engineering S&H Self Inspection 11-21-90	Earthquake grid lighting	Secure grid lighting	
233	AFRD AFRD 12/3/90	bookshelves not secured to wall; haworth panels are not secured		
233	AFRD AFRD 12/3/90	glass in windows are highly susceptible to impact and are not shatterproof		
233A	AFRD AFRD 12/3/90	bookshelves appear overloaded		
233A	AFRD AFRD 12/3/90	housekeeping		
236	AFRD AFRD 12/3/90	cabinets and file cabinet have no restraints		
24	Engineering Environmental Self Inspection 11-21-90	Flammable cabinet vent opened 4.1.2	Code Close vents	
24	Engineering Environmental Self Inspection 11-21-90	Flammable cabinet not quake proof 4.1.7	Code Secure cabinet	
24	Engineering Environmental Self Inspection 11-21-90	Chemicals with flammables Code 4.2	Remove chemicals to proper storage	
24	Engineering Environmental Self Inspection 11-21-90	Unlabeled containers	Label containers	Yes December 19, 1990 B. Leskovar
24	Engineering Environmental Self Inspection 11-21-90	Improper storage of small glass cylinder	Store properly	Yes December 19, 1990 B. Leskovar
24	Engineering Environmental Self Inspection 11-21-90	Bad restraints on gas cylinders (6)	Secure gas cylinders (6)	Yes December 19, 1990 B. Leskovar
24	Engineering S&H Self Inspection 11-21-90	2 piles of lead bricks stacked near east wall	Remove lead bricks to proper disposal	
24	Engineering S&H Self Inspection 11-21-90	3 lead bricks setting on top of equipment rack	Remove lead bricks to proper disposal	Yes December 19, 1990 B. Leskovar
24	Engineering S&H Self Inspection 11-21-90	Breaker panel on east wall has no clearance label, insufficient clearance and no labels on breakers	Provide adequate clearance and post clearance label	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
24	Engineering S&H Self Inspection 11-21-90	Lead brick on floor by equipment rack near north door	Remove lead brick by floor to proper storage	Yes December 19, 1990 B. Leskovar
24	Engineering S&H Self Inspection 11-21-90	No panel schedule 7A19A45A	Post panel schedule	
24	Engineering S&H Self Inspection 11-21-90	Splice not in metal box	Provide proper protection for splice	
24	Engineering S&H Self Inspection 11-21-90	Non dead front adapter	Replace adapter	
24	Engineering S&H Self Inspection 11-21-90	Cord into signal generator not bushed	???	
24	Engineering S&H Self Inspection 11-21-90	Ext. cord with broken insulation	Replace ext. cord	
24	Engineering S&H Self Inspection 11-21-90	H.V. power supply no stickers (2)	Sticker power supply	Yes December 19, 1990 B. Leskovar
24	Engineering S&H Self Inspection 11-21-90	Holes in front of racks	Seal holes	
24	Engineering S&H Self Inspection 11-21-90	Suicide cord	Replace cord	Yes December 19, 1990 B. Leskovar
24	Engineering S&H Self Inspection 11-21-90	PCB capacitor not labeled	Label PCB capacitor	Yes December 19, 1990 B. Leskovar
24	Engineering S&H Self Inspection 11/21/90	Air line hanging on conduit	Remove air line from conduit	Yes December 19, 1990 B. Leskovar
242	Engineering Environmental Self Inspection 11-21-90	Asbestos peeling Code 9.2	Remove asbestos	
242A	Engineering S&H Self Inspection 11-21-90	Alcohol stored in gray cabinet	Provide proper storage for alcohol	Yes December 19, 1990 B. Leskovar
242A	Engineering S&H Self Inspection 11-21-90	Non dead front adapter Gen	Replace adapter	
242A	Engineering S&H Self Inspection 11-21-90	EQ bookcase	Secure bookcase	
242A	Engineering S&H Self Inspection 11-21-90	Open conduit box	Close conduit box	
297	Engineering S&H Self Inspection 11/21/90	No paint on gas shutoff (yellow)	Mark shutoff on gas with yellow paint	
2nd fl	AFRD AFRD 12/3/90	need safety Bulletin board		
38	Engineering LBL '90 Elec. Insp. 2/21/90	Obsolete Wabber distribution boxes in use.	Replace obsolete boxes.	B. Leskovar
38	Engineering Environmental Self Inspection 11-21-90	No restraints on refrigerator	Secure refrigerator	
38	Engineering S&H Self Inspection 11-21-90	No exit signs	Post exit signs	
38	Engineering S&H Self Inspection 11-21-90	Unused wires tied to overhead conduit and going thru a hole in ceiling near west wall	Remove wire and seal hole	
38	Engineering S&H Self Inspection 11-21-90	Conduit body in S.W. Corner has missing cover	Provide conduit cover	Yes December 19, 1990 B. Leskovar
38	Engineering S&H Self Inspection 11-21-90	Workbench wired with 143sj s/b so	Replace wiring	Yes December 19, 1990 B. Leskovar
38	Engineering S&H Self Inspection 11-21-90	Non dead front plug	Replace plug	Yes December 19, 1990 B. Leskovar
38	Engineering S&H Self Inspection 11-21-90	2 wire lamp socket	Replace wiring	Yes December 19, 1990 B. Leskovar
38	Engineering S&H Self Inspection 11-21-90	Drugstore adapter	Replace with correct adapter	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
38	Engineering S&H Self Inspection 11-21-90	3 HVPS no HV signs	Post HV signs	Yes December 19, 1990 B. Leskovar
38	Engineering S&H Self Inspection 11-21-90	HV assembly not grounded on photomultiplier test device	Ground photomultiplier	
38	Engineering S&H Self Inspection 11/21/90	Bad wiring on timer 110 volts open	Repair wiring on timer	
38	INSTITUTIONAL PE/Kaiser 11/26/90	4 plex electrical receptacle is 12" from sink area & is not GFCI	Provide GFCI units to all outlets adjacent to sinks.	
40	Engineering S&H Self Inspection 11-21-90	No exit sign over door	Post exit sign over door	
40	Engineering S&H Self Inspection 11-21-90	Fire extinguisher out of date	Update fire extinguisher	
40	Engineering S&H Self Inspection 11-21-90	High voltage stickers on P.S.	???	Yes December 19, 1990 B. Leskovar
40	Engineering S&H Self Inspection 11-21-90	XFMR not in box	???	
41 hibay	AFRD AFRD 12/3/90	building appears to be fed from multiple mains which have no indication of the others existing		
42	Engineering LBL '90 Elec. Insp. 2/21/90	Obsolete Waber distribution boxes in use.	Replace obsolete boxes.	Yes December 19, 1990 B. Leskovar
42	Engineering Environmental Self Inspection 11-21-90	Ethynol on shelf	Remove Ethynol from shelf	Yes December 19, 1990 B. Leskovar
42	Engineering Environmental Self Inspection 11-21-90	Unlabeled gas cylinder	Label gas cylinder	
42	Engineering Environmental Self Inspection 11-21-90	Unlabeled containers	Label containers	
42	Engineering S&H Self Inspection 11-21-90	Unlabeled containers of liquids	Label containers of liquids	Yes December 19, 1990 B. Leskovar
42	Engineering S&H Self Inspection 11-21-90	Blower on CII cryopump has unsafe wiring that is taped up with black masking tape	Provide proper wiring	
42	Engineering S&H Self Inspection 11-21-90	Old style waber strip fastened to workbench	Replace waber strip with approved outlet strip	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11-21-90	Paper cutter has no finger guard	Provide paper cutter with finger guard	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11-21-90	Extension cord plugged into north wall has metal cord cap	Replace extension cord	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11-21-90	Unrestrained boxes stored on top of lockers	Remove boxes stored on top of lockers	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11-21-90	Old waber box	Replace waber box with approved outlet strip	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11-21-90	Bottle w/o 2 chains	Properly secure bottles in place	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11-21-90	2 wire fluorescent lamp	Replace wiring	Yes December 19, 1990 B. Leskovar
42A	Engineering S&H Self Inspection 11/21/90	Lead brick	Remove lead brick	Yes December 19, 1990 B. Leskovar
4A	Information and Computing Sciences United Energy Inspectn 11-27-90	Install eye washers		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4A	Information and Computing Sciences United Energy Inspectn 11-27-90	Sinks and machines not scrubbed down and overly dirty	Clean	
4A	Information and Computing Sciences United Energy Inspectn 11-27-90	Filter in door needs to be changed	Replace	
4A / 4B	Information and Computing Sciences LLNL Assessment 11/14/90	Inadequate ventilation in Rooms B80-004B, 004A.		
4A, 4B	Information and Computing Sciences United Energy Inspectn 11-27-90	Ventilation inadequate	Improve	
4A, 4B	Information and Computing Sciences LLNL Assessment; United Energy 11/14/90; 11-27-90	Chemical storage outside of room		
4A, 4B, 4C, 4D	Information and Computing Sciences United Energy Inspectn 11-27-90	Housekeeping inadequate	Clean up	
4B, 4D	Information and Computing Sciences LLNL Assessment; United Energy 11/14/90; 11-27-90	Label all bottles and containers		
4D	Information and Computing Sciences United Energy Inspectn 11-27-90	Excessive number of chairs	Remove	
All	Engineering SAH Self Inspection 11/14/90	Metal cord caps	Replace cord caps	Yes December 19, 1990 B. Leskovar
All	Engineering SAH Self Inspection 11/14/90	Metal cord caps	Replace cord caps	
All	Engineering SAH Self Inspection 11/14/90	No exit signs	Install exit signs	
All	Engineering SAH Self Inspection 11/14/90	Non-deadfront cord caps	Replace cord caps	
All	Engineering SAH Self Inspection 11/14/90	No quake restraints on fluorescent tubes	Quakeproof fluorescent tubes	
All	Engineering SAH Self Inspection 11/14/90	Non safety glass in doors	Replace non safety glass in doors	
All	Engineering SAH Self Inspection 11/14/90	Unmarked liquid and gas piping	Mark liquid and gas piping	
all	AFRD AFRD 12/3/90	In general elect panels need to be checked for in date schedules and dated 12/3/90		
Basement	Information and Computing Sciences LLNL Assessment 11/14/90	Install eye washer near chemical usage.		
E01	Engineering SAH Self Inspection 11-21-90	Power cord to water fountain has broken insulation at corp cap-Tag#127	Replace power cord. -Fountain has been removed.	Yes December 19, 1990 B. Leskovar
EE Lab	Engineering LBL '90 Elec. Insp. 2/21/90	Several old style waber boxes in Lab.	Replace old style waber boxes.	Yes December 19, 1990 B. Leskovar
EE Lab	Engineering LBL '90 Elec. Insp. 2/21/90	Several equipment racks do not have safety ground cable.	Provide ground cables as required.	B. Leskovar
EE Lab	Engineering LBL '90 Elec. Insp. 2/21/90	One workbench has damaged wiremold.	Repair wiremold	Yes December 19, 1990 B. Leskovar
EE Lab	Engineering LBL '90 Elec. Insp. 2/21/90	Workbench fed by two extension cords.	Eliminate extension cords feeding workbenches.	Yes December 19, 1990 B. Leskovar
furnace	AFRD AFRD 12/3/90	metal clamp on connector; replace with plastic		
Hall	Engineering SAH Self Inspection 11/14/90	Steps not marked w/yellow	Mark steps with yellow	Yes December 19, 1990 B. Leskovar

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Hall	Engineering Environmental Self Inspection 11-21-90	Asbestos flakey Code 9.2	Repair or replace asbestos	
Hall	Engineering S&H Self Inspection 11-21-90	Inadequate lighting in passageway in front of offices and stairway	Replace lighting	
Hall	Engineering S&H Self Inspection 11-21-90	Fire extinguisher out of date	Update fire extinguisher	
hlabay	AFRD AFRD 12/3/90	Breaker panelbolts not in place; labeling out of date; illegal tagout		
hlabay	AFRD AFRD 12/3/90	CB panel blocked, cover off cond junction box outside, wires exposed		
Mezz	AFRD AFRD 12/3/90	exit signs in corridor not lit		
mezz	AFRD AFRD 12/3/90	no exit at top of stairs if stairs become inaccessible and door at top of stairs is locked; remove lock from door		
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No protective guard on exhaust system EG-50.	"Install heat shields on exposed exhaust system under 7'-0"."	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-50.	Provide start-up and operating instructions.	
none	INSTITUTIONAL PE/Kaiser 12/5/90	Open electrical conduit & conductors without covers are on the wall.	Reroute wires & either remove or terminate the conductors according to code.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-50 has no muffler protection.	Install a guard over the muffler.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	EG-50 unit did not appear to be recently tested.	Review test log and test if required.	
shop	AFRD AFRD 12/3/90	safety bulletin board		
shop	AFRD AFRD 12/3/90	secure nuts and bolts- tips for shelves, tips on top of low cabinets with storage on top, secure vices and heavy tools, secure grinder 3' from breaker panel, secure microwave and fridge		
shop	AFRD AFRD 12/3/90	label breaker panel, belt sander using extension cord		
shop	AFRD AFRD 12/3/90	lights on bench less than 8' need guarding		
shop	AFRD AFRD 12/3/90	telephone and other wire tie wrapped to pipes- check trip hazard		
shop	AFRD AFRD 12/3/90	check sprinkler system- too close to lights?		
tunnel	AFRD AFRD 12/3/90	tunnel to als has no sprinkler is it required?		
upstairs	AFRD AFRD 12/3/90	need exit signs		
wall	AFRD AFRD 12/3/90	fire extinguishers		

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Engineering S&H Self Inspection 11/6/90	NFPA warning label required on bldg.	Post warning label	
Engineering S&H Self Inspection 11/6/90	Containers not secured in cabinet	Secure containers in cabinet	
Engineering S&H Self Inspection 11/6/90	Office requires cleaning	Clean office	
Engineering S&H Self Inspection 11/6/90	Book cabinets not secured	Secure cabinets	
Engineering S&H Self Inspection 11/6/90	Gas cylinders require better securing	Secure gas cylinders	
Engineering S&H Self Inspection 11/6/90	Requires cleanup and removal of sprinkler system	Cleanup and remove sprinkler system	
Engineering S&H Self Inspection 11/6/90	Electrical cord feeding conduit	Correct electrical wiring	
Engineering S&H Self Inspection 11/6/90	Vacuum pump cord deteriorated - MP54	Replace cord	Yes December 11, 1990

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	Engineering SAH Self Inspection 11/6/90	Cable on ceiling	Replace cable	
	Engineering SAH Self Inspection 11/6/90	Unlabeled container on west wall	Label container or arrange for hazardous waste disposal.	Yes December 5, 1990
	Engineering SAH Self Inspection 11/6/90	Junction box requires cover	Install cover on junction box.	Yes December 5, 1990
	Engineering SAH Self Inspection 11/6/90	Small cylinder on large cylinder	Remove small cylinder	Yes December 11, 1990
	Engineering SAH Self Inspection 11/6/90	Sprinkler heads at less than 8' height are not caged.	Protect sprinkler heads with cages.	
	Engineering SAH Self Inspection 11/6/90	Junction box requires cover	Install cover on junction box.	Yes December 5, 1990
	Engineering SAH Self Inspection 11/6/90	Deuterium Cylinder lying on floor	Pick-up Deuterium Cylinder	
	Engineering SAH Self Inspection 11/6/90	Truck gate not latched (Broken?)	Repair latch on truck gate	
	Engineering SAH Self Inspection 11/6/90	Truck fire extinguisher out of date (both)	Update fire extinguishers (both)	
	Engineering SAH Self Inspection 11/6/90	Stairs -Top & Bottom. Risers not identified	Identify Risers	
	Engineering SAH Self Inspection 11/6/90	Improper storage of dewars filler pipes	Store dewars filler pipes correctly	
	Engineering SAH Self Inspection 11/6/90	Open "J" box cover above work bench (81)	Install cover on "J" box	Yes December 5, 1990
	Engineering SAH Self Inspection 11/6/90	No employee posting regarding OSHA Industrial Welfare Commission, Discrimination, etc	Post OSHA poster for all employee to see	
NA	EPH&S LBL Self Assessment 10/31/90	Liquid Gas Storage.	Evaluate the need for seismic restraint of filled liquid gas portable dewars, implement.	Hernandez, P.

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100	Administration OSHA	PIPING FROM TANK TO BLDG NEEDS HEIGHT MARKING	mark
100	Administration OSHA	VALVE IN FLOOR Aisle clearance	move
101	Administration Electrical 2/23/90	Breaker panel needs a permanent "fed from" identifier	post
101	Administration Electrical 2/23/90	Sign: Panel needs OSHA Clearance sign	post
101	Administration Electrical 2/23/90	Corner of breaker panel needs alignment and securing	repair
101	Administration Electrical 2/23/90	Transformer breaker needs "fed from 73-B-40" permanent identifier	post
101	Administration Electrical 2/23/90	A junction box cover panel on the south side of the bldg needs securing.	secure
101	Administration Electrical 2/23/90	Don Weber of the C&M Dept was advised that two tarpaulins were laying in a drainage area behind the building.	remove

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101	CMB TTP-90 10/2/90	Daisy-chain to outlet box.	
101	CMB TTP-90 10/2/90	Secure bookshelf.	
101	CMB TTP-90 10/2/90	Aisle access.	
101	CMB TTP-90 10/2/90	Improper storage under desk.	
101	CMB ELEC-90 1/23/90	Secure bookshelf.	
101	CMB ELEC-90 1/23/90	Two obsolete and defective Waber boxes.	
102	CMB TTP-90 10/2/90	Obsolete panel schedule.	
103	CMB TTP-90 10/2/90	Improper storage on top of bookcases.	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
103	CMB TTP-90 10/2/90	Secure slide projector to shelf.		
103	CMB TTP-90 10/2/90	MSDS master file missing in this building.		
103	CMB TTP-90 10/2/90	Obsolete and defective Waber box.		
105	CMB TTP-90 10/2/90	Secure tall bookcase on west wall.		
105	CMB TTP-90 10/2/90	Secure 2 bookshelves.		
105	CMB TTP-90 10/2/90	Secure 3 book cabinets.		
109	CMB TTP-90 10/2/90	Secure bookcase and file cabinets (east wall).		
109	CMB TTP-90 10/2/90	Secure bookcases and refrigerator.		
109	CMB TTP-90 10/2/90	Secure plants & books on top of shelves and refrigerator.		
109	CMB TTP-90 10/2/90	NO FOOD label missing from refrigerator.		
109	CMB TTP-90 10/2/90	Secure cubicle P to floor, and tall cabinet to wall.		
109A	CMB TTP-90 10/2/90	Secure cabinets.		
109A	CMB TTP-90 10/2/90	Secure 2 file cabinets.		
109C	CMB TTP-90 10/2/90	Secure bookshelf.		
109D	CMB TTP-90 10/2/90	Secure file cabinet.		
109E	CMB TTP-90 10/2/90	Secure refrigerator.		
109K	CMB TTP-90 10/2/90	Secure bookshelf.		
109L	CMB TTP-90 10/2/90	Secure bookshelf.		
109M	CMB TTP-90 10/2/90	Secure bookshelf.		
110	CMB TTP-90 10/2/90	Fume hood out of order; bottles stacked under hood.		
110	CMB TTP-90 10/2/90	Secure refrigerator and ice machine.		
110	CMB TTP-90 10/2/90	Improper carcinogenic waste site and storage.		
110	CMB TTP-90 10/2/90	Unmounted junction box on top of flammable; cabinet not vented to outside.		
110	CMB TTP-90 10/2/90	Improper fire extinguisher on west wall.		
110	CMB TTP-90 10/2/90	Housekeeping.		
110	CMB TTP-90 10/2/90	Improper storage prevents door from closing; improper clearance from ceiling.		
110	CMB TTP-90 10/2/90	Secure 3 refrigerators.		
110	CMB TTP-90 10/2/90	Defective line cord on shaker.		
110	CMB TTP-90 10/2/90	Defective line cord on environmental shaker.		
110	CMB TTP-90 10/2/90	Defective line cord on heater/stirrer.		
114	CMB TTP-90 10/2/90	Improper storage of combustibles under bench.		
114	CMB TTP-90 10/2/90	Lips needed on top of bookshelves.		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
116	CMB TTP-90 10/2/90	Improper storage of gas cylinder.		
116	CMB TTP-90 10/2/90	Improper storage of combustibles on cabinet.		
116	CMB TTP-90 10/2/90	Secure fraction collector.		
122	CMB TTP-90 10/2/90	Secure incubator.		
124	CMB TTP-90 10/2/90	Secure refrigerator.		
124A	CMB TTP-90 10/2/90	Improper storage under bench.		
126	CMB TTP-90 10/2/90	Secure refrigerator and incubator.		
126	CMB TTP-90 10/2/90	Improper storage on top of refrigerator.		
128	CMB TTP-90 10/2/90	Improper storage of 5 gallons of ethanol.		
128	CMB TTP-90 10/2/90	Secure autoclave and dishwasher.		
128	CMB TTP-90 10/2/90	Improper storage of combustibles under shelf.		
132	CMB TTP-90 10/2/90	Secure eqpt. (hood, incubators, bottle).		
132	CMB TTP-90 10/2/90	Cabinet shelves and top are missing lips.		
134	CMB TTP-90 10/2/90	Secure eqpt. (fridge, incubator, cabinets).		
134	CMB TTP-90 10/2/90	Improper storage of Wedco bottle on top of incubator.		
136	CMB TTP-90 10/2/90	Secure bookcase and plastic cabinet on top.		
136	CMB TTP-90 10/2/90	Isotope log book lacking radioactivity monitoring.		
140	CMB TTP-90 10/2/90	No posted protocol for vacuum system.		
140	CMB TTP-90 10/2/90	Improper storage of heavy reagent container on top shelf.		
142	CMB TTP-90 10/2/90	Improper storage prevents door from closing; insufficient ceiling clearance.		
154	CMB TTP-90 10/2/90	Improper storage of gas cylinders (need 2 chains).		
154	CMB TTP-90 10/2/90	Improper storage of extra door.	Remove door.	
NW corner	CMB ELEC-90 1/23/90	No ground on flammable storage cabinet.		
NW corner	CMB ELEC-90 1/23/90	Improper gas cylinder storage.		
Trailer	CMB TTP-90 10/2/90	Improper storage of boxes blocking South exit.		
Trailer	CMB ELEC-90 1/23/90	Elec. hazard of damage cord to wire mold.		
Trailer	CMB ELEC-90 1/23/90	Secure refrigerator		

BUILDING: 88

Nuclear Science	Radioactive material sales-key storage inventory signout
Nuclear Science	
Nuclear Science	
Nuclear Science	
Nuclear Science	
Nuclear Science	
Nuclear Science	

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	Nuclear Science			
	Nuclear Science			
	Nuclear Science			
	Nuclear Science			
	Nuclear Science			
1	Nuclear Science	2-prong electric plugs on components in vac pump station		
1	Nuclear Science	Fire extinguisher not inspected since 1989		
1	Nuclear Science	Remove old telephone systems		
1	Nuclear Science	"Extension cord for mech pump, Nasa chamber illegal"		
1	Nuclear Science	Old tag-out CB 80A3A2A		
1	Nuclear Science	Relabel CB 81A9B to 81A9A		
1	Nuclear Science	Extension cords used on lights		
1	Nuclear Science	Remove unused RG-58 cables in overhead wireway		
1	Nuclear Science	Quad on NASA line needs thermal protection and labels		
1	Nuclear Science	solvents need to be in drip trays and labelled		
1	Nuclear Science	process pipes need labelling		
1	Nuclear Science	exposed terminal strips on steering magnets		
1	Nuclear Science	"label valves, gauges on Nasa beamline"		
1	Nuclear Science	Cluttered wiring in vac. pump station		
1	Nuclear Science	"exposed ion gauge, needs housing"		
1	Nuclear Science	confusing vac. pump station labels		
1	Nuclear Science	procedures and maint. log for vac. pump station		
1	Nuclear Science	remove old phone-intercom under norman chamber		
1	Nuclear Science	"secure shielding bricks on norman chamber, EQ"		
1	Nuclear Science	TV camera needs better stand		
1	Nuclear Science	"No access to blackboard, no chalk, no eraser"		
1	Nuclear Science	No tool box		
1	Nuclear Science	"unsecured electronics, nimbin on floor"		
1	Nuclear Science	Block needed for upstream collimator paddle		
1	Nuclear Science	general cable house cleaning in cave		
1	Nuclear Science	overhead snag hazard		
1	Nuclear Science	unused capillary from cave 2 into cave 1		
1	Nuclear Science	labels needed on CB and outlets		
1	Nuclear Science	Pump room unlabeled alarm bell		
1	Nuclear Science	Beam pipe vac leak fix		
1	Nuclear Science	Make more permanent emergency numbers		
1	Nuclear Science	Remove Pb bricks		
1	Nuclear Science	Remove or write proc for use (what is this?)		
1	Nuclear Science	Unsupported vent line		
1	Nuclear Science	Label alarm		
1	Nuclear Science	Support vent line		
1	Nuclear Science	Remove unused brace		
1	Nuclear Science	Remove film badge holder to cntl room		
1	Nuclear Science	Remove or activate unused florescent fixture in Hall		
1	Nuclear Science	Inadequate neutron shielding to Cave 0		
1	Nuclear Science	Clear path way of water and power cables West side beam line		
1	Nuclear Science	Exposed connections and unit		
1	Nuclear Science	Improve signage on beam plug		
1	Nuclear Science	test/repair intercom to counting area		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1	Nuclear Science	unsecured panel on vac stand		
1	Nuclear Science	PA to control very weak in control room		
1	Nuclear Science	check that cable tray is grounded		
1	Nuclear Science	oil drip pans for mechanical pumps (2)		
1	Nuclear Science	designated lead storage area needed		
1	Nuclear Science	label connectors		
1	Nuclear Science	Label mag on lights quads		
1	Nuclear Science	Shorten mech pump vent drain port		
1	Nuclear Science	"Bricks, move to floor when not in use"		
1	Nuclear Science	Utilities draped over conduit		
1	Nuclear Science	Repair cable tray mount		
1	Nuclear Science	Unmarked dangling cable		
1	Nuclear Science	Unlabeled fire sprinkler system test port		
1	Nuclear Science	Rehang 2 fluorescent lamps		
1	Nuclear Science	redo emergency procedures/out of date		
1	Nuclear Science	remove methane exhaust line		
1	Nuclear Science	remove obsolete TV cable		
100	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 40'	EXTEND CORRIDOR 40' THROUGH ROOM 181	
100A	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 40'	EXTEND CORRIDOR 80' THROUGH ROOM 181	
101	Nuclear Science Safety/Environmen t 11-26-90	Replace telephone cover		
105	Nuclear Science Safety/Environmen t 11-26-90	Secure filing cabinets		
105	Nuclear Science Safety/Environmen t 11-26-90	Secure top level books		
105	Nuclear Science Safety/Environmen t 11-26-90	Secure papers on top of filing cabinet		
109	Nuclear Science Safety/Environmen t 11-26-90	OK		
111	Nuclear Science Safety/Environmen t 11-26-90	Secure computer to table		
113	Nuclear Science Safety/Environmen t 11-26-90	Boxes on top of filing cabinets		
113	Nuclear Science Safety/Environmen t 11-26-90	Lots of loose paper - house cleaning		
113	Nuclear Science Safety/Environmen t 11-26-90	Secure computers		
115	Nuclear Science Safety/Environmen t 11-26-90	Move books to lower shelves		
129	Nuclear Science EHAS 7/16/90	Unlabeled can of liquid in flammable cabinet		
129	Nuclear Science Safety/Environmen t 11-21-90	Incorporate communication equipment into LBL emergency response network		
129	Nuclear Science Safety/Environmen t 11-21-90	Earthquake radio equipment		
129	Nuclear Science Safety/Environmen t 11-21-90	Label all AC outlets Re breaker location		
129	Nuclear Science Safety/Environmen t 11-21-90	Radio equip. needs emergency operating procedure		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
129	Nuclear Science Safety/Environmen t 11-21-90	Door signs indicating emerg. personnel to contact & other hazard warnings		
129	Nuclear Science Safety/Environmen t 11-21-90	Doors need safety glass		
129	Nuclear Science Safety/Environmen t 11-21-90	Earthquake cabinets		
129	Nuclear Science Safety/Environmen t 11-21-90	Fix hole in wall		
129	Nuclear Science Safety/Environmen t 11-21-90	Earthquake shelves		
129	Nuclear Science Safety/Environmen t 11-21-90	Remove Junk		
129	Nuclear Science Safety/Environmen t 11-21-90	Remove or secure manometer		
129	Nuclear Science Safety/Environmen t 11-21-90	Oil pan on pump		
129	Nuclear Science Safety/Environmen t 11-21-90	Earthquake scale		
129	Nuclear Science Safety/Environmen t 11-21-90	Label cabinet door & front door with large "Radioactive material" sign		
129	Nuclear Science Safety/Environmen t 11-21-90	Storage compatibility, clean up counter, top secondary containment, label all containers		
129	Nuclear Science Safety/Environmen t 11-21-90	Improper storage of chemicals		
129	Nuclear Science Safety/Environmen t 11-21-90	Check for asbestos (i.e. check the hot water insulation)		
129	Nuclear Science Safety/Environmen t 11-21-90	Improve AC power cords		
129	Nuclear Science Safety/Environmen t 11-21-90	Remove inappropriate material from flammable cabinet		
129	Nuclear Science Safety/Environmen t 11-21-90	Remove piping (copper tubing)		
129	Nuclear Science Safety/Environmen t 11-21-90	General house cleaning (both rooms)		
129	Nuclear Science Safety/Environmen t 11-21-90	"Not an exit" sign		
129	Nuclear Science Safety/Environmen t 11-21-90	Improperly stored chemicals		
129	Nuclear Science Safety/Environmen t 11-21-90	Identify and label carcinogens		
129	Nuclear Science Safety/Environmen t 11-21-90	Improper storage, unlabeled chemicals		
129	Nuclear Science Safety/Environmen t 11-21-90	Check requirements for shower		
129	Nuclear Science Safety/Environmen t 11-21-90	conduit for electrical outlet		
129	Nuclear Science Safety/Environmen t 11-21-90	Remove unused plumbing and wiring		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Guard Vacuum jar for implosion		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Vacuum equipment needs operation and safety procedures		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Mount Vacuum controller and Nim Bin in Rack		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Earthquake vacuum quage controllers		
129	Nuclear Science Safety/Envtronmen 11-21-90 tSafety/Envtronmen	Have manifold Inspected		
129	Nuclear Science Safety/Envtronmen 11-21-90 tSafety/Envtronmen	Earthquake vacuum stands		
129	Nuclear Science Safety/Envtronmen 11-21-90 tSafety/Envtronmen	Secure cabinets to floor		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	prevent horizontal motion of table during earthquake		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Unsound operation conditions, possibility of mixing gases in cylinders		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Unlabeled induced radioactivity		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Store equipment and med. carts properly		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Replace electrical cord		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	No cover on light fixture		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Earthquake Kodak projector		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Remove old cryopump, dewar manometer etc. and all old unused equipment and JUNK		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Remove Dewar		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Safety glasses/signs for hood and vacuum equipment		
129	Nuclear Science Safety/Envtronmen 11-21-90 tSafety/Envtronmen	Check all equipment grounds		
129	Nuclear Science Safety/Envtronmen 11-21-90 tSafety/Envtronmen	Proper installation of cables (signal, power, antenna) in cable tray		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Cover all lead bricks		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Unlabeled chemical		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Cover lead bricks		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Earthquake 2 large cabinets 1 file cabinet 2 small book shelves		
129	Nuclear Science Safety/Envtronmen 11-21-90 t	Remove/secure boxes on top of cabinets		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
129	Nuclear Science Safety/Environmen t 11-21-90	Remove bottles		
129	Nuclear Science Safety/Environmen t 11-21-90	Earthquake balances and stand		
129	Nuclear Science Safety/Environmen t 11-21-90	Oil pan under pump		
129	Nuclear Science Safety/Environmen t 11-21-90	Replace radar box		
129	Nuclear Science Safety/Environmen t 11-21-90	Replace power cable		
129	Nuclear Science Safety/Environmen t 11-21-90	Be sticker on cabinet door		
129	Nuclear Science Safety/Environmen t 11-21-90	Safety glass in door		
129	Nuclear Science Safety/Environmen t 11-21-90	General House cleaning		
129	Nuclear Science Safety/Environmen t 11-21-90	Written operating procedure for balances		
129	Nuclear Science Safety/Environmen t 11-21-90	Check need for smoke detectors in these labs		
131	Nuclear Science Safety/Environmen t 11-27-90	Exit and No Exit signs		
131	Nuclear Science Safety/Environmen t 11-27-90	Signs on door 1) Emergency contact person 2) Radioactive materials		
131	Nuclear Science Safety/Environmen t 11-27-90	Label AC outlets Re circuit breakers		
131	Nuclear Science Safety/Environmen t 11-27-90	Earthquake cabinet		
131	Nuclear Science Safety/Environmen t 11-27-90	Earthquake electronics racks, detectors, lead shields		
131	Nuclear Science Safety/Environmen t 11-27-90	Cover all lead bricks (paint?)		
131	Nuclear Science Safety/Environmen t 11-27-90	Improper storage of radioactive material		
131	Nuclear Science Safety/Environmen t 11-27-90	General housekeeping		
131	Nuclear Science Safety/Environmen t 11-27-90	All cables must be off floor (cable trays, or bundle)		
131	Nuclear Science Safety/Environmen t 11-27-90	Check CAMAC DBT for exposed voltages		
134	Nuclear Science EH&S 7/16/90	Grinder wheel > 1/8" clearance to tool rest. Band saw not guarded. Air gun > 30 psi. No safety Glasses required signs posted		
136	Nuclear Science Safety/Environmen t 11-27-90	Remove cracked hoses		
136	Nuclear Science Safety/Environmen t 11-27-90	Label AC outlets more permanently		
136	Nuclear Science Safety/Environmen t 11-27-90	Check for Asbestos		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
136	Nuclear Science Safety/Environmen t 11-27-90	Secondary containment for chemicals acids & bases		
136	Nuclear Science Safety/Environmen t 11-27-90	Door signs: film badge required, safety glasses and fill in emergency contacts		
136	Nuclear Science Safety/Environmen t 11-27-90	Safety glass in door		
136	Nuclear Science Safety/Environmen t 11-27-90	Put lock on doors		
136	Nuclear Science Safety/Environmen t 11-27-90	Check on eyewash near shower		
136	Nuclear Science Safety/Environmen t 11-27-90	Put up exit signs 2ea		
136	Nuclear Science Safety/Environmen t 11-27-90	Glove box fire extinguisher checked		
136	Nuclear Science Safety/Environmen t 11-27-90	No labeling on safes ("official signs")		
136	Nuclear Science Safety/Environmen t 11-27-90	Keys in safe (2ea). Put elsewhere		
136	Nuclear Science Safety/Environmen t 11-27-90	Door on MG wheel storage and radioactive labels		
136	Nuclear Science Safety/Environmen t 11-27-90	Earthquake cabinet		
136	Nuclear Science Safety/Environmen t 11-27-90	Unlabelled chemicals		
136	Nuclear Science Safety/Environmen t 11-27-90	Purchase flammable liquids cabinet for 88-135		
136	Nuclear Science Safety/Environmen t 11-27-90	Earthquake wall cabinets		
136	Nuclear Science Safety/Environmen t 11-27-90	Uncovered lead		
136	Nuclear Science Safety/Environmen t 11-27-90	Consolidate chemical storage throughout lab		
136	Nuclear Science Safety/Environmen t 11-27-90	Dispose of asbestos tape and clamp		
136	Nuclear Science Safety/Environmen t 11-27-90	Check drawers for asbestos		
136	Nuclear Science Safety/Environmen t 11-27-90	General housekeeping		
136	Nuclear Science Safety/Environmen t 11-27-90	Check chemical storage compatibility		
136	Nuclear Science Safety/Environmen t 11-27-90	Dispose of mercury and radioactive waste		
136	Nuclear Science Safety/Environmen t 11-27-90	Oil tray for pumps (3ea)		
136	Nuclear Science Safety/Environmen t 11-27-90	Unlabelled induced radioactivity		
136	Nuclear Science Safety/Environmen t 11-27-90	Dispose of old burette (properly)		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
136	Nuclear Science Safety/Environmen t 11-27-90	Improper storage of radioactive materials		
136	Nuclear Science Safety/Environmen t 11-27-90	Unlabelled radioactive waste		
136	Nuclear Science Safety/Environmen t 11-27-90	Label inert atmosphere box as to chemical content and hazards		
136	Nuclear Science Safety/Environmen t 11-27-90	Dry box needs O.S.P.		
136	Nuclear Science Safety/Environmen t 11-27-90	Improper storage of radioactive sources in drawers		
136	Nuclear Science Safety/Environmen t 11-27-90	Improperly labelled chemicals		
136	Nuclear Science Safety/Environmen t 11-27-90	Clean-up and paint hoods		
136	Nuclear Science Safety/Environmen t 11-27-90	Write OSP's for general fume hood operations. Include upper limits on activities		
136	Nuclear Science Safety/Environmen t 11-27-90	Smoke detectors in chem lab		
136	Nuclear Science Safety/Environmen t 11-27-90	Install pump exhaust line properly		
136	Nuclear Science Safety/Environmen t 11-27-90	Earthquake dry box		
136	Nuclear Science Safety/Environmen t 11-27-90	Grids needed on light fixtures		
136	Nuclear Science Safety/Environmen t 11-27-90	Improper storage of radioactive equipment		
136	Nuclear Science Safety/Environmen t 11-27-90	Light fixtures need conduits (2ea)		
136	Nuclear Science Safety/Environmen t 11-27-90	Earthquake computer rack		
136	Nuclear Science Safety/Environmen t 11-27-90	Provide proper base support for lead bricks		
136	Nuclear Science Safety/Environmen t 11-27-90	Safety glass in door		
136	Nuclear Science Safety/Environmen t 11-27-90	Mercury hazard		
136	Nuclear Science Safety/Environmen t 11-27-90	Be hazard		
137	Nuclear Science Safety/Environmen t 11-27-90	List contact persons on door		
137	Nuclear Science Safety/Environmen t 11-27-90	Safety glass in door?		
137	Nuclear Science Safety/Environmen t 11-27-90	Earthquake file cabinets and bookshelves		
137	Nuclear Science Safety/Environmen t 11-27-90	Remove radioactive souvenirs from wall		
137	Nuclear Science Safety/Environmen t 11-27-90	Store food and food prep items elsewhere		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
137	Nuclear Science Safety/Environmen t 11-27-90	Label all AC outlets		
137	Nuclear Science Safety/Environmen t 11-27-90	Exit signs		
137	Nuclear Science Safety/Environmen t 11-27-90	Check on legality of AC outlets		
137	Nuclear Science Safety/Environmen t 11-27-90	Improper storage of radioactive waste		
137	Nuclear Science Safety/Environmen t 11-27-90	Label radioactive materials		
137	Nuclear Science Safety/Environmen t 11-27-90	Consolidate radioactive materials in properly labelled storage areas		
137	Nuclear Science Safety/Environmen t 11-27-90	Store punchbowl away from operations with radioactive material		
137	Nuclear Science Safety/Environmen t 11-27-90	Find sources and provide check-out list and inventory		
137	Nuclear Science Safety/Environmen t 11-27-90	Asbestos hazard		
137	Nuclear Science Safety/Environmen t 11-27-90	Inventory list for box		
137	Nuclear Science Safety/Environmen t 11-27-90	Identify as inoperational glove box or add glove and ventilation		
137	Nuclear Science Safety/Environmen t 11-27-90	Wrap all uncovered lead		
137	Nuclear Science Safety/Environmen t 11-27-90	What is this?		
137	Nuclear Science Safety/Environmen t 11-27-90	Room needs extensive house cleaning		
137	Nuclear Science Safety/Environmen t 11-27-90	Improperly stored radioactive materials		
137	Nuclear Science Safety/Environmen t 11-27-90	Improperly stored chemicals		
137	Nuclear Science Safety/Environmen t 11-27-90	Remove cables and capillary		
137	Nuclear Science Safety/Environmen t 11-27-90	Earthquake cabinet		
137	Nuclear Science Safety/Environmen t 11-27-90	Remove sign		
137	Nuclear Science Safety/Environmen t 11-27-90	Calibrations expired on dosimeterschargers		
147	Nuclear Science	No exit signs over doors		
147	Nuclear Science	Plastic waste baskets		
147	Nuclear Science	lite over welding area not shatter proof		
147	Nuclear Science	eye wash has no caps		
147	Nuclear Science	heavy metal objects stored on top of cabinet a wall		
147	Nuclear Science	"(2) unprotected flood lites by lathe, S end room"		
147	Nuclear Science	clock on S. wall connected to outlet with 20' exten cord		
147	Nuclear Science	"2 cond. lamp cords, no strap"		
147	Nuclear Science	panel 81A5A is being used to store hoses on		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
147	Nuclear Science	Panel 81A5A obstructed by vacuum cleaner		
147	Nuclear Science	fire extinguisher on S wall is obstructed and hidden		
147	Nuclear Science	fire extinguisher has metal chips all over it		
147	Nuclear Science	"Incandes. lamps on mills, bandsaw, drills not shatterproof"		
147	Nuclear Science	air pressure >> 30PSIG (FIXED)		
147	Nuclear Science	(2) 5 gall. poly jugs of liquid w/o labels		
147	Nuclear Science	NO OSHA ad in room (FIXED)		
147	Nuclear Science	Heavy metal objects on top cabinets NE corner		
147	Nuclear Science	Fire extinguisher NE corner not inspected since 12/89		
147	Nuclear Science	Power cord to spot welder has exposed conductor at cord cap		
147	Nuclear Science	cord cap for cord to lamp on workbench has broken insul		
147	Nuclear Science	metal cord caps on pwr cords to lamp on work benches w. wall		
147	Nuclear Science	safety glasses not used by 2 people		
147	Nuclear Science	chip guard on electrical outlet missing (10 places)		
147	Nuclear Science	fire exting. blocked by garbage can and stuff		
147	Nuclear Science	no written procedures for handling radiation materials		
147	Nuclear Science	Comm cable box cover		
147	Nuclear Science	sprinkler pipe color red		
147	Nuclear Science	pipe may obstruct door EQ		
147	Nuclear Science	high heavy storage		
147	Nuclear Science	cord splice		
147	Nuclear Science	hand electric tool certification		
147	Nuclear Science	flam. not in fire locker		
147	Nuclear Science	metal clamp cord cap several		
147	Nuclear Science	cord tied to conduit		
147	Nuclear Science	improper splices several		
147	Nuclear Science	2 wire variac		
147	Nuclear Science	device with zip cord		
147	Nuclear Science	lamps in fixtures EQ		
147	Nuclear Science	one chain on gas bottle		
147	Nuclear Science	Zip cord and 2 wire plug (fixed)		
147	Nuclear Science	LLERT multiplr box		
147	Nuclear Science	chip guard on machine		
147	Nuclear Science	helium bottle not secured (small)		
147	Nuclear Science	"zip cord on workbench for radio, etc"		
147	Nuclear Science	illegal splices		
147	Nuclear Science	plug strips wired with 14-3		
147	Nuclear Science	sprinkler pipings needs to be red		
147	Nuclear Science	vertical mill open belt guard		
147	Nuclear Science	junction boxes incorrect for outlets		
147	Nuclear Science	loose stock storage in NW corner		
147	Nuclear Science	hoist inspection date unknown		
147	Nuclear Science	"chips in electrical panel, S. wall"		
147	Nuclear Science	Flamm stored on table outside room 147		
149	Nuclear Science	Secure computers		
	Safety/Environmen t	11-26-90		
149	Nuclear Science	Loose envelopes		
	Safety/Environmen t	11-26-90		
15	Nuclear Science	Cardboard box under desk	Remove	
	Safety/Environmen t	8-16-90		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
161	INSTITUTIONAL Plant Ops-Self 11/21/90	Cave 4C roof blocks "trap" 4 bldg columns thereby posing seismic hazard to building.	Replace blocks with polystyrene	
161	INSTITUTIONAL Plant Ops-Self 11/21/90	Most shielding blocks have no seismic anchorage and will pose safety threat and endanger equipment.	Engineer & anchor	
163A	Nuclear Science Safety/Environmen t 10-5-90	Breaker box needs lock	Install lock	
163A	Nuclear Science Safety/Environmen t 10-1-90	6" cabinet not secured	Secure	
2	Nuclear Science	burned out light bulb on door panel		
2	Nuclear Science	unsecured gas bottle		
2	Nuclear Science	Food and Drink in radiation area		
2	Nuclear Science	very poor house cleaning practices		
2	Nuclear Science	Run/Safe switch access blocked by cart		
2	Nuclear Science	Improper radioactive materials storage in cabinet		
2	Nuclear Science	Plug radiation hole in N.E. corner of cave to roof		
2	Nuclear Science	Procedure needed on how to open cave door		
2	Nuclear Science	Improperly secured gas bottles under beam line		
2	Nuclear Science	Cluttered access to escape hatch		
2	Nuclear Science	Improper electric plug on fan on upstream fan thingy		
2	Nuclear Science	No inventory of safe contents		
2	Nuclear Science	"Discard old equipment, chemistry setup at S. end of cave"		
2	Nuclear Science	Illegal AC adapter on west wall plug????		
2	Nuclear Science	Clear space in front of breakers and boxes		
2	Nuclear Science	Consistant label on Cave 2 door Rad. signs		
2	Nuclear Science	Secure lead shielding at test box		
2	Nuclear Science	store gas bottles properly		
2	Nuclear Science	unprotected glass work on cart		
2	Nuclear Science	label mercury on gas cart		
2	Nuclear Science	Label escape hatch on floor		
2	Nuclear Science	Earthquake proof beamstop and associated shielding		
2	Nuclear Science	Poor/sloppy storage of cables near Beamstop		
2	Nuclear Science	solvents not in drip trays and not properly labelled		
2	Nuclear Science	"Shelves need lips, store heavy items on lower shelves"		
2	Nuclear Science	Cables across walkways		
2	Nuclear Science	"Unsecured electrical items in chassis,"		
2	Nuclear Science	"Poor access to vacuum station,"		
2	Nuclear Science	"no procedures for vacuum station, No maint. Log for vac. Stn"		
2	Nuclear Science	"Poor House keeping, no access to cabinets, not EarthQuaked"		
2	Nuclear Science	Label valves on vac/gas systems		
2	Nuclear Science	"Doors to cabinets blocked by vac. pump, cabinet not EQ'ed"		
2	Nuclear Science	Wire rats-nests on floor		
2	Nuclear Science	Unsecured electric components on top of rack		
2	Nuclear Science	No handle on valve		
2	Nuclear Science	Bad cord/connector on lamp		
2	Nuclear Science	"wires across walkway, walkways should be yellow striped"		
2	Nuclear Science	"remove unused components from chassis, secure chassis"		
2	Nuclear Science	Valves need labels		
2	Nuclear Science	Improper lead brick storage		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2	Nuclear Science	Operating procedures for wheel system		
2	Nuclear Science	Liquid Nitrogen line is in bad cond.		
2	Nuclear Science	Unsecured Pump exhaust line		
2	Nuclear Science	Kinked vac. pump exhaust hose		
2	Nuclear Science	Hidden on/off switch on Mech pump		
2	Nuclear Science	"Better labels on water lines to beamstop, etc"		
2	Nuclear Science	process pipes need labels		
2	Nuclear Science	Exposed wiring on steering magnet terminal strip		
2	Nuclear Science	"Water, electric, gas lines all in same cable tray overhead"		
2	Nuclear Science	No access to on/off switch S. end mech. pump		
2	Nuclear Science	Procedures for detector box operation		
2	Nuclear Science	No radiation meter at door entrance to cave 2		
2	Nuclear Science	"Cables on floor , remove or group"		
2	Nuclear Science	Mount patch panel on wall		
2	Nuclear Science	Reroute cables at south end cave		
2	Nuclear Science	Fluor light needs cover		
2	Nuclear Science	Secure cabinet to wall		
2	Nuclear Science	"remove old TV control cable, (grey color)"		
2	Nuclear Science	"remove cable, one end unconnected to anything"		
2	Nuclear Science	"cable across walkway, re-route cable"		
2	Nuclear Science	"Water hoses run in wire way, reroute water hose"		
2	Nuclear Science	Flexible power cable runs thru cave roof		
2	Nuclear Science	flexible power cable running thru cave roof		
2	Nuclear Science	cables supported by house-vac pipe		
2	Nuclear Science	water extension plug strip(grey box) under aluminum bench		
2	Nuclear Science	vac gauge not properly secured		
2	Nuclear Science	Nimbin not properly secured		
2	Nuclear Science	iso xlmr not properly secured		
2	Nuclear Science	iso xlmr not properly secured		
2	Nuclear Science	TV camera not properly secured		
2	Nuclear Science	control box not properly secured		
2	Nuclear Science	Instrument bin not properly secured		
2	Nuclear Science	keys to radiation safes stored in safes		
2	Nuclear Science	Lead bricks on wireway		
2	Nuclear Science	unprotected 110v junction box under Q221		
2	Nuclear Science	improperly mounted spot light on beam pipe		
2	Nuclear Science	defective cable connectors		
2	Nuclear Science	unprotected 110V junction box under beam box		
2	Nuclear Science	Relocate escape hatch sign		
2	Nuclear Science	Label beam plug open/closed		
2	Nuclear Science	Remove or label correctly		
2	Nuclear Science	Close test box when not in use		
2	Nuclear Science	replace plastic flammable gas vent line with metal		
2	Nuclear Science	Remove concrete blocks. Not safe to store here		
2	Nuclear Science	Label and instructions for LN fill system		
2	Nuclear Science	Replace with borated polyethylene		
2	Nuclear Science	reroute cables off floor		
2	Nuclear Science	clean out drawers and workbench		
2	Nuclear Science	Label magnet on on quad		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2	Nuclear Science	Why plywood (holds up sandbags)		
2	Nuclear Science	Remove He Lines		
2	Nuclear Science	Procedure for gas system		
2	Nuclear Science	Volume of PA in control room is weak		
2	Nuclear Science	remove unused VAC pump		
2	Nuclear Science	remove unused gas cylinder caps		
2	Nuclear Science	"Bad storage of beamstops, behind radiation safes"		
2	Nuclear Science	Clear path to escape hatch		
2	Nuclear Science	missing		
200	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 40'	EXTEND CORRIDOR 80' THROUGH ROOM 161	
203	Nuclear Science Safety/Environmen 11-26-90 t	Bolt bookcase and filing cabinet		
204	Nuclear Science Safety/Environmen 11-26-90 t	Wrap lead brick		
204	Nuclear Science Safety/Environmen 11-26-90 t	House keeping with equipment storage		
205	Nuclear Science Safety/Environmen 11-26-90 t	Secure bulletin board		
206	Nuclear Science Safety/Environmen 11-26-90 t	Fasten computers		
206	Nuclear Science Safety/Environmen 11-26-90 t	Sloppy storage		
207	Nuclear Science Safety/Environmen 11-26-90 t	Remove cardboard drawing storage unit		
207	Nuclear Science Safety/Environmen 11-26-90 t	High bookcase tips (especially by exit)		
207	Nuclear Science Safety/Environmen 11-26-90 t	Should have only one occupant		
207	Nuclear Science Safety/Environmen 11-26-90 t	General House cleaning		
208	Nuclear Science Safety/Environmen 11-26-90 t	General Housekeeping - loose papers		
209	Nuclear Science Safety/Environmen 11-26-90 t	Cernobyl fallout		
210	Nuclear Science Safety/Environmen 11-26-90 t	Top shelf by door - restrain		
210	Nuclear Science Safety/Environmen 11-26-90 t	Secure computers		
210	Nuclear Science Safety/Environmen 11-26-90 t	Secure computers and typewriters		
211	Nuclear Science Safety/Environmen 11-26-90 t	Secure filing cabinet		
211	Nuclear Science Safety/Environmen 11-26-90 t	Remove boxes from high perch		
219	Nuclear Science Safety/Environmen 11-26-90 t	Methanol bottle improperly labelled		
219	Nuclear Science Safety/Environmen 11-26-90 t	2 unsecured filing cabinets		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
221	Nuclear Science Safety/Envtromen 11-26-90 t	Secure computer		
221	Nuclear Science Safety/Envtromen 11-26-90 t	Housekeeping (loose papers)		
227	Nuclear Science Safety/Envtromen 11-26-90 t	Missing switch plate		
228	Nuclear Science Safety/Envtromen 11-26-90 t	General clean up		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Shelf lips on 2nd entrance bookcase		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Remove or secure bourdon drawing files		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Secure filing cabinets to each other		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Secure filing cabinets to each other		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Secure egress units		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Attach small filing cabinets		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Attach computers		
228	Nuclear Science Safety/Envtromen 11-26-90 t	Secure cardboard drawing		
230	Nuclear Science Safety/Envtromen 11-26-90 t	Book retention on top two shelves		
230	Nuclear Science Safety/Envtromen 11-26-90 t	Recycle soda bottles		
230	Nuclear Science Safety/Envtromen 11-26-90 t	Remove tape rack from top shelf		
232	Nuclear Science Safety/Envtromen 11-26-90 t	Secure terminal		
232	Nuclear Science Safety/Envtromen 11-26-90 t	General housekeeping		
233	Nuclear Science Safety/Envtromen 11-26-90 t	Bolt large filing cabinet		
233	Nuclear Science Safety/Envtromen 11-26-90 t	Remove fan on top of bookcase		
233	Nuclear Science Safety/Envtromen 11-26-90 t	Computer secured to desk		
233	Nuclear Science Safety/Envtromen 11-26-90 t	Shelf retainers for top two shelves		
234	Nuclear Science Safety/Envtromen 11-26-90 t	Retainers for top shelves (or move to lower shelves)		
234	Nuclear Science Safety/Envtromen 11-26-90 t	Computer retention		
236	Nuclear Science Safety/Envtromen 11-26-90 t	Remove large and long wooden book shelves (or retainers)		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
235	Nuclear Science Safety/Environmen t 11-26-90	Secure computers		
235	Nuclear Science Safety/Environmen t 11-26-90	Fasten all filing cabinets together		
235	Nuclear Science Safety/Environmen t 11-26-90	Loose fans	Secure	
235	Nuclear Science Safety/Environmen t 11-26-90	Remove alternative book shelf on steel Beam		
236	Nuclear Science Safety/Environmen t 11-26-90	Leave electric heater unplugged during absence		
236	Nuclear Science Safety/Environmen t 11-26-90	Loose equipment - housekeeping		
236	Nuclear Science Safety/Environmen t 11-26-90	coat racks ok?		
3	Nuclear Science	Pneumatic cylinder on gate valve needs shielding		
3	Nuclear Science	Exposed contacts wobbler magnet stand		
3	Nuclear Science	Sign to escape hatch can't be seen from front of cave		
3	Nuclear Science	Crash button west wall inaccessible		
3	Nuclear Science	hoses and cords improperly hung (from air line)		
3	Nuclear Science	Repaper or remove old paper on floor		
3	Nuclear Science	Label quad		
3	Nuclear Science	"Vac pump control station, labels, procedures"		
3	Nuclear Science	Label pump on line 3B		
3	Nuclear Science	M32 degauss proce.		
3	Nuclear Science	"Label valve after M32, line 3B"		
3	Nuclear Science	Label stripper foil boxes (2) line 3A		
3	Nuclear Science	Bolt stand for AS3A2		
3	Nuclear Science	"clean up bricks, etc."		
3	Nuclear Science	Label flow switches west of M32		
3	Nuclear Science	Group and raise plastic capillary lines over quad		
3	Nuclear Science	Move cables from cardboard box to cable rack		
3	Nuclear Science	Clean off top of M41		
3	Nuclear Science	Make escape hatch more bisible		
3	Nuclear Science	Missing mike on Q1 at cave 3		
3	Nuclear Science	Repaper floor		
4	Nuclear Science	Is quad near end of beam line seismically stable?		
4	Nuclear Science	"Wobbler instructions, update, sign etc."		
4	Nuclear Science	Exposed terminal strip strceing magnet Q4C1		
4	Nuclear Science	Relabel wires QZAS4C (Is this right?)		
4	Nuclear Science	Label process pipes		
4	Nuclear Science	Label fire alarm		
4	Nuclear Science	Procedures for pump station maint. log		
4	Nuclear Science	Proc and maint. log		
4	Nuclear Science	"Remove spare metal panels and hoses, etc"		
4	Nuclear Science	Magnet on light Q4C1		
4	Nuclear Science	Run cable tray 4C1 steerer		
4	Nuclear Science	Secure LN filler		
4	Nuclear Science	"Proc. for pump stations, Main log, relabel"		
4	Nuclear Science	"Label valves, gauges, DP4C1"		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4	Nuclear Science	Secure electronics racks		
4	Nuclear Science	Secure cabinet		
4	Nuclear Science	Remove old components from control rack		
4	Nuclear Science	Remove old wires inside cabinet		
4	Nuclear Science	"Drip pans, mech pumps"		
4	Nuclear Science	remove or properly store water flow switch on floor		
4	Nuclear Science	"Label emergency door open ""Has delay__sec"""		
4	Nuclear Science	Low volume in control room from cave PA		
4	Nuclear Science	Clean up work bench		
4	Nuclear Science	Store metal vac hose		
4	Nuclear Science	Airtron filter hung from conduit		
4	Nuclear Science	Drip pan for vac pump		
4	Nuclear Science	Improve or remove warning sign		
4	Nuclear Science	Need drip pan for storing squeeze bottles		
4	Nuclear Science	Unprotected glass ion gauges 6 places		
4	Nuclear Science	Exposed contacts M-32 degaussing P.S.		
4	Nuclear Science	Label Cave 4 door control panel at top of panel		
4	Nuclear Science	Label centering magnet after G4C1		
4	Nuclear Science	Mech pump drip pan		
4	Nuclear Science	Label DP4C		
4	Nuclear Science	up date instructions for reversing switch at M43		
4	Nuclear Science	Label control rack for DP4A1		
4	Nuclear Science	Bolt down AS42 motor stand		
4	Nuclear Science	"Label beam lines 4, 4A,4B,4C in cave 4"		
4	Nuclear Science			
41	Nuclear Science Safety/Environmen t 10-5-90	6' cabinet not secured	Secure	
45	Administration OSHA	STORAGE LOCKERS NOT SECURED TO WALL	secure	
45	Administration OSHA	DRILL PRESS STAND NOT ANCHORED TO FLOOR	secure	Yes November 11, 1990 Maxson, C.D.
45	Administration OSHA	GRINDER STAND NOT ANCHORED TO FLOOR	secure	Yes November 11, 1990 Maxson, C.D.
45	Administration OSHA	NO SMOKING SIGN NOT POSTED IN AREA WHERE FLAMMABLES ARE USED	post	
4A	Nuclear Science	No emergency exit sign at crawl hole		
4A	Nuclear Science	Pressure strips not functioning		
4A	Nuclear Science	Unmarked crash button		
4A	Nuclear Science	Hard hats near crane		
4A	Nuclear Science	Beam Pipe Mech pump label and move		
4A	Nuclear Science	Cables over and thru crawlway		
4A	Nuclear Science	Frayed cable		
4A	Nuclear Science	Cables out of tray		
4A	Nuclear Science	Cable tray not covered		
4A	Nuclear Science	Remove obsolete parts rack S11		
4A	Nuclear Science	Cables on floor - trip hazard		
4A	Nuclear Science	Convenient access to pumping station		
4A	Nuclear Science	Training procedures for outside users		
4A	Nuclear Science	No roof blocks over chamber		
4A	Nuclear Science	Poor lighting in work areas		
4A	Nuclear Science	Remove external faraday cup shielding		
4A	Nuclear Science	Housekeeping on work bench		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4A	Nuclear Science	Housekeeping in cabinet		
4A	Nuclear Science	Unlabeled power strips as to CB		
4A	Nuclear Science	"Log books not signed, mech pumps"		
4A	Nuclear Science	poor vac cart labeling		
4A	Nuclear Science	CB's and receptacles not labeled		
4A	Nuclear Science	Utility pipes not labeled		
4A	Nuclear Science	Turbo pump PS unsecured on rack		
4A	Nuclear Science	No mech stop for manual beam stop		
4A	Nuclear Science	AC regulator to rack		
4A	Nuclear Science	Steering mag terminal strip cover		
4A	Nuclear Science	Ambiguous flammable gas sign		
4A	Nuclear Science	Turbo backing has wooden support		
4A	Nuclear Science	6 foot cabinet unsecured		
4A	Nuclear Science	Storage cabinet shelf lip		
4A	Nuclear Science	Exposed LN filler pipe		
4A	Nuclear Science	Cord to position read out not strain relieved		
4A	Nuclear Science	Turbo backing pump poorly placed for maintenance		
4A	Nuclear Science	Mech pump drip pan		
4A	Nuclear Science	Cover scatter chamber when not in use		
4A	Nuclear Science	HV on photo tubes from PS in cnt rm - warning sign		
4A	Nuclear Science	Adequate supply of tools (efficient ?)		
4A	Nuclear Science	Snagging hooks on tool panel		
4A	Nuclear Science	Are movable stairs a hazard ?		
4A	Nuclear Science	Proc. to check neutron level thru hole between 4A-4B		
4A	Nuclear Science	Better sign to use mirror		
4A	Nuclear Science	Resign 4A and 4 door panel		
4A	Nuclear Science	240 cable from vault thru hole		
4A	Nuclear Science	Re-sand bag beam plug hole		
4B	Nuclear Science	Pressure strips on door in bad shape		
4B	Nuclear Science	Fix pressure strips on door		
4B	Nuclear Science	Cover elec panel back end scatter chamber		
4B	Nuclear Science	"Housekeeping cabinets, workbench, general"		
4B	Nuclear Science	Remove excess length power cables		
4B	Nuclear Science	Check again on painting Pb bricks		
4B	Nuclear Science	Label utility piping		
4B	Nuclear Science	Remove hot unused button panel rack -- # ?		
4B	Nuclear Science	Support for chamber lid when open		
4B	Nuclear Science	Clean off top of cabinets		
4B	Nuclear Science	Breakers unlabeled		
4B	Nuclear Science	Cables in walk way		
4B	Nuclear Science	Plastic pipe and cables near DP heaters		
4B	Nuclear Science	loose 3 shell gismo		
4B	Nuclear Science	Proc for vac cart		
4B	Nuclear Science	Procedure for chamber operation		
4B	Nuclear Science	Find chamber logic wiring		
4B	Nuclear Science	Remove unused cable between chamber and rack		
4B	Nuclear Science	Clean chamber lid		
4B	Nuclear Science	Better access to vac carts		
4B	Nuclear Science	Re-cable vac carts		
4B	Nuclear Science	No Radiation meters outside cave		
4B	Nuclear Science	No neutron detector in Cave		
4B	Nuclear Science	Fix intercom		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4B	Nuclear Science	Flam Gas vent in Cave not labelled		
4B	Nuclear Science	Poor labelling vac and gas handling		
4B	Nuclear Science	*Calibration of scat chamber instruments, test log/ proc		
4B	Nuclear Science	Exposed connection MC4B2		
4B	Nuclear Science	Small spot light ps not secured		
4B	Nuclear Science	Exposed connection MC4B1/relabel		
4B	Nuclear Science	exposed cross connections in large rack		
4B	Nuclear Science	*house cleaning in cabinets, if locked where is key		
4B	Nuclear Science	*house cleaning on bench,		
4B	Nuclear Science	Are there adequate tools		
4B	Nuclear Science	REmove un used LN temp controll		
4B	Nuclear Science	*Rehose air hoses, "		
4B	Nuclear Science	Rehose h20 hoses		
4B	Nuclear Science	Pb bricks stacked too high		
4B	Nuclear Science	Incorrect connector on MC4B power line/too short		
4B	Nuclear Science	Fire extinguisher inspection needed		
4B	Nuclear Science	Remove valve backend of Scat cham		
4B	Nuclear Science	Exit sign at south end needs to be visible		
4B	Nuclear Science	Label breakers east side		
4B	Nuclear Science	Intermittent amber light on door control panel		
4B walkway	Nuclear Science	Extra grounding cable not connected to solenoid ps		
4B walkway	Nuclear Science	North door control not labelled		
4B walkway	Nuclear Science	Label and test north door manual lift		
4B walkway	Nuclear Science	replace panels on solenoid ps		
4C	Nuclear Science	label lithium Hydride shield as hazard		
4C	Nuclear Science	label lithium fire extinguisher		
4C	Nuclear Science	south wall crash button unlabelled		
4C	Nuclear Science	repair tape on doors (safety)		
4C	Nuclear Science	reconnect control cables to 800 A ps		
4C	Nuclear Science	extension cords on DP4C-22 replacement		
4C	Nuclear Science	procedure to move NaI carts		
4C	Nuclear Science	clean up tgt cabinet		
4C	Nuclear Science	*label pumps and controllers, procedures and mainten log		
4C	Nuclear Science	clean out cabinets		
4C	Nuclear Science	remove one workbench		
4C	Nuclear Science	remove wood scraps		
4C	Nuclear Science	remove water pump on East wall		
4C	Nuclear Science	general housekeeping		
4C	Nuclear Science	POST Assembly drawings for NaI structures		
4C	Nuclear Science	Wires near DP		
4C	Nuclear Science	plug hole from 4-4C		
4C	Nuclear Science	check lighting in work areas		
4C	Nuclear Science	label ac receptacles		
4C	Nuclear Science	junk on shelves		
4C	Nuclear Science	cable trays over 40% full?		
4C	Nuclear Science	encase boric acid bricks		
4C	Nuclear Science	remove obsolete flam gas vent		
4C	Nuclear Science	brass PM housing stacked on shelf/throw out		
4C	Nuclear Science	extension cords to lights		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4C	Nuclear Science	unsecured bookcase East wall		
4C	Nuclear Science	unused wall brackets east wall		
4C	Nuclear Science	"nimbins should be mounted, unstack from racks"		
4C	Nuclear Science	two hv ps on floor		
4C	Nuclear Science	exposed connections MC4C-21		
4C	Nuclear Science	poorly protected ion gauge DP4C-21		
4C	Nuclear Science	DP unlabelled (DP4C-21)		
4C	Nuclear Science	label valves		
4C	Nuclear Science	unlabelled wall sockets west wall		
4C	Nuclear Science	poor acces to chalk board		
4C	Nuclear Science	No tools!		
4C	Nuclear Science	clean out target cabinets		
4C	Nuclear Science	fence about pit		
5	Nuclear Science	Emergency Door Open does not work!!!		
5	Nuclear Science	Door open fails from outside		
5	Nuclear Science	clear cables from escape hatch		
5	Nuclear Science	"label light "magnet on""		
5	Nuclear Science	Unsecured ion gage unit		
5	Nuclear Science	Procedures and maint. log for vacuum pump station		
5	Nuclear Science	Source sale inventory and key location		
5	Nuclear Science	Remove or secure unit 15W7805-24		
5	Nuclear Science	wall mount transformer		
5	Nuclear Science	Label crash buttons on N. wall		
5	Nuclear Science	extension cord for permanent installation (yellow).		
5	Nuclear Science	Operating procedures for HV systems		
5	Nuclear Science	HV -on indicator lights for Ball and HERA		
5	Nuclear Science	Label process pipes		
5	Nuclear Science	Operating procedures on LN fill		
5	Nuclear Science	Spare units to LN fill system blocking air flow		
5	Nuclear Science	Exposed terminal strip on H-2 steerer		
5	Nuclear Science	Labels on Quads		
5	Nuclear Science	Unsecured TV light on HERA paddle		
5	Nuclear Science	Label outlets and CBs		
5	Nuclear Science	Label patch panel locations as to where the other end is		
5	Nuclear Science	extension cords behind LN filler are a rat's nest		
5	Nuclear Science	Mount vent to roof		
5	Nuclear Science	cap open vent line		
5	Nuclear Science	secure cabinet to wall		
5	Nuclear Science	Label/test/repair or remove (what is this?)		
5	Nuclear Science	Drip pans for VAC pumps		
5	Nuclear Science	pickup (and protect) signal cables from floor		
5	Nuclear Science	frayed cord to Fluorescent light		
5	Nuclear Science	Label hoses and lines to water manifold		
5	Nuclear Science	replace bad pressure gauge on LCW supply		
5	Nuclear Science	Label bldg fire alarm bell		
5	Nuclear Science	"TJ30 magnet junction box runs hot, needs procedures"		
5	Nuclear Science	TJ30 magnet junction box and lights needs improved labeling		
5	Nuclear Science	Label QZ 5A1		
5	Nuclear Science	"no drip pans on mech pumps, 5A1"		
5	Nuclear Science	label QZ5A2		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
5	Nuclear Science	move cables from box on floor to cable rack or cabinet		
5	Nuclear Science	store key to radioactive source safe in control room		
5	Nuclear Science	"BNC on 5A2 coll., instead of clip leads"		
5	Nuclear Science	Re-route cables on floor near quad for better access		
5	Nuclear Science	put reversing switch under beamline to clear floor		
5	Nuclear Science	close 6' high cabinet		
5	Nuclear Science	close patch panel T11		
5	Nuclear Science	move DP control rack 12W5105 against MB5A1		
5	Nuclear Science	Improve rubber covering on rev. sw. leads		
5	Nuclear Science	Mount electronics in rack		
5	Nuclear Science	store 5' beam pipe more securely		
5	Nuclear Science	Label 5A2 beam plug		
5	Nuclear Science	"Label 2" water lines, east wall"		
5	Nuclear Science	"Remove 1/8" line at line 5A1 wall"		
5	Nuclear Science	Label LN line from vault		
5	Nuclear Science	"elec panel TJ30: label cables coming in, NW corner"		
5	Nuclear Science	"Label Panel TJ30 of 3" lgts, NW corner"		
5	Nuclear Science	Label LN exhaust line		
5	Nuclear Science	Label LN supply line for detectors		
5	Nuclear Science	label air manifold SE corner		
51	Nuclear Science Safety/Environmen 10-5-90 t	2-7" cabinets not secured	Secure	
AECR	Nuclear Science	"No radiation meters, area monitoring for x-rays"		
AECR	Nuclear Science	"need microwave field strength meter, and leakage monitor"		
AECR	Nuclear Science	label SIH4 system		
AECR	Nuclear Science	Need operations procedure for SIH4		
AECR	Nuclear Science	rack doors open into passage doors		
AECR	Nuclear Science	cables over fire extenguishers		
AECR	Nuclear Science	no shelf for log books		
AECR	Nuclear Science	"e-gun ps on floor, open connections"		
AECR	Nuclear Science	grounding hooks on floor		
AECR	Nuclear Science	power plugs unlabelled		
AECR	Nuclear Science	breakers need labelling		
AECR	Nuclear Science	Gas bottles too close to electric/control?		
AECR	Nuclear Science	power strip used at W-15		
AECR	Nuclear Science	not all pages in log book stamped/labelled		
AECR	Nuclear Science	tuning procedures		
AECR	Nuclear Science	magnets and slits not labelled		
AECR	Nuclear Science	floor boards laid against cabinet		
AECR	Nuclear Science	unsecured fire extinguisher		
AECR	Nuclear Science	"trouble light left plugged in, over equipment"		
AECR	Nuclear Science	date radiation ropes/procedures		
AECR	Nuclear Science	chemicals unsecured		
AECR	Nuclear Science	razor blades left out		
AECR	Nuclear Science	messy work benches		
AECR	Nuclear Science	Li glove box on wheels unsecures		
AECR	Nuclear Science	junk on top of cabinets		
AECR	Nuclear Science	"cabinets not secured, earthquake"		
AECR	Nuclear Science	procedure for backing up PLC		
AECR	Nuclear Science	"Keys in PLC, good procedure?"		

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
AECR	Nuclear Science	unlabelled red button		
AECR	Nuclear Science	"tools not replaced to boxes, tool board?"		
AECR	Nuclear Science	"loose gas bottles in cabinet, north side"		
AECR	Nuclear Science	"broken lock-out on breaker, north end AECR"		
AECR	Nuclear Science	is it safe to store gas bottles with regulators?		
AECR	Nuclear Science	CB need mech lock out		
AECR	Nuclear Science	better termination for 208V in rack L01-04		
AECR	Nuclear Science	operators chair can roll off platform		
AECR	Nuclear Science	"mixed AC and signal cables, water and electric cables"		
AECR	Nuclear Science	Quad magnet wiring exposed		
AECR	Nuclear Science	operator radiation protection under construction		
AECR	Nuclear Science	confirm that microwave ps not EQ proofed		
AECR	Nuclear Science	file cabinet in back of microwave not EQP		
AECR	Nuclear Science	ps on top of file cabinet		
AECR	Nuclear Science	control card chassis needs cover		
AECR	Nuclear Science	remove duct tape on floor unit joints		
AECR	Nuclear Science	pad east corners of brass rack gear		
AECR	Nuclear Science	should doors on L01-04 be interlocked?		
AECR	Nuclear Science	label gas manifold system		
AECR	Nuclear Science	need operations procedure for gas system		
AECR	Nuclear Science	procedure for all gas systems to cap off unused ports		
AECR	Nuclear Science	relabel/clarify ready/on button functions		
AECR	Nuclear Science	color code and number the gas system		
AECR	Nuclear Science	remove D bottle from east end of AECR(fatboy)		
AECR	Nuclear Science	identify gas storage regulations and requirements		
AECR	Nuclear Science	purge instructions and procedures for gas systems		
AECR	Nuclear Science	"label vault roof process pipe vac exhaust, etc"		
AECR	Nuclear Science	AECR Start up procedures needed		
AECR	Nuclear Science	AECR shutdown procedures needed		
AECR	Nuclear Science	AECR tuning procedures needed		
AECR	Nuclear Science	OSP for AECR		
AECR	Nuclear Science	OSP for silane system needed		
Atrium	Nuclear Science	"calib. log of hand-foot monitor, foot always alarms"		
Atrium	Nuclear Science	label radioactive storage area and inventory under stairs		
Atrium	Nuclear Science	Remove barometer and dispose of Hg		
Atrium	Nuclear Science	Label safety panel with cave number		
Atrium	Nuclear Science	remove foam stuff from shelf into cave 4C		
Atrium	Nuclear Science	remove old phone system		
Atrium	Nuclear Science	remove junk along N. wall in tote boxes		
Atrium	Nuclear Science	Remove old hoses under stairs		
Atrium	Nuclear Science	Clean out old Bio Med cabinet and remove		
Atrium	Nuclear Science	remake phone # sign outside of cave 2		
Atrium	Nuclear Science	Instructions Hand+Foot counter has no phone # for		
atrium	Nuclear Science	Remove wood		
Atrium	Nuclear Science	Health Chemistry and update instructions		
Atrium(cave 1)	Nuclear Science	Reroute 12 cond. cable to door control box N1		
Atrium stairs	Nuclear Science	Replace cover with screws		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Basement pump rm	Nuclear Science Safety/Environment 10-5-90	6" cabinet not secured	move and secure	
Basement pump rm	Nuclear Science Safety/Environment 10-5-90	7-6" cabinets not secured	Secure	
Cave 5	Nuclear Science EH&S 7/25/90	No oxygen deficiency meter avail. for entry	Either a permanent oxygen deficiency meter w/local alarm should be installed, or a portable meter w/instructions	
Cave 5	Nuclear Science EH&S 7/25/90	Portable nitrogen dewars which are located above the cave area should be labeled as to contents.		
Cave 5	Nuclear Science EH&S 7/25/90	Cylinders of oxygen & hydrogen are stored adjacent to each other.	Fuel cyl. and oxidizer cyl. need to be stored away from each other.	
Cave 5	Nuclear Science EH&S 7/25/90	Portable hydrogen sniffer located in the yellow emergency equipment cabinet has not been calibrated since Jan. 1989.	The instrument should be calibrated routinely or field calibration kit should be purchased.	
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Check for need for emergency exit		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Improper storage of flammable gas cylinders		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Gas cylinders not secured		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	metal conduit for all AC power strips. AC outlets must be labelled		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Put all cables in cable trays		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Hood needs air flow indicators		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Fume hood needs operating procedure. Needs radioactivity labeling		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Fume hood needs general house cleaning		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Uncovered lead bricks		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Disposal/Remove empty chemical bottles		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Label all pipes and tubing		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Label all pipes		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Unlabeled bottle full of clear liquid		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Improper placement of fan		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Improper storage of radioactive materials		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Label HEPA filter that it may contain radioactive material		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Area needs fire extinguisher		
Cave O Chem lab	Nuclear Science Safety/Environment 11-27-90	Attach dry chalkboard permanently to cave		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Store all radioactive materials properly		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Vacuum pump needs to be labeled radioactive and have oil pan		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Target system status alarms at hood		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Rewire gas-jet foot switch		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Add hardware for target integrity check		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Install liner in hood		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Remove air exhaust hose		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Remove Asbestos		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Secure cabinet, detectors, and remove lead brick support		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Remove lamp support		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Anti-slip on stairs		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Remove chemical waste by 11/27/90		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Consolidate chemical storage		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Label detector holder as radioactive		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Label non-operational valves on hood		
Cave O Chem lab	Nuclear Science Safety/Envtronmen 11-27-90 t	Label all flammable gas vent pipes		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Earthquake Electronic Racks		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Improper storage of radioactive materials and chemicals		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Remove Junk		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Label All HEP Filters as radioactive		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Install permanent water lines		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Put all cables in trays		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Label all pipes		
Cave O Mezz	Nuclear Science Safety/Envtronmen 11-28-90 t	Oil tray for pump		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Label centrifuge as radioactive material		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	No eating or drinking remove bottles etc.		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Mount filter, hoses, valves, and all gas chemistry controls on permanent panel		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Install protective panelling in mezz.		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Remove electronics from floor		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Stepping-motor controller is inaccessible		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Remove equipment from under stairs		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Area needs power distribution box		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Provide spill kits for all 88" chem labs		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Prevent chemical spills from reaching ground level		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Label radioactive equipment		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Implement safety glass policy		
Cave O Mezz	Nuclear Science Safety/Environmen 11-28-90 t	Install permanent AC wiring		
CLTR	Nuclear Science	SHIFT turnover procedures		
CLTR	Nuclear Science	format for logbook signed by eng. shop		
CLTR	Nuclear Science	"operating aids, signed dated copy to file"		
Control room	Nuclear Science Safety/Environmen 10-5-90 t	Need lock on ? boxes	Install lock	
Control room	Nuclear Science Safety/Environmen 10-5-90 t	No 120 signs, racks A21-25 C-01, C35	Install signs	
Control Room	Nuclear Science	"Well labeled notebook spines, replace old"		
Control Room	Nuclear Science	"remove distractions (radio, games, crossword puzzles"		
Control Room	Nuclear Science	policy for number people in building		
Control Room	Nuclear Science	Update Lynxis memo on building coverage		
Control Room	Nuclear Science	Lines of responsibility between operators and experimenters		
Control Room	Nuclear Science	Guide workers entering building to control room		
Control Room	Nuclear Science	UOR- operators trained to recognize & report upwards		
Control Room	Nuclear Science	Provide information via org. charts & job responsibility		
Cool tower pad	Nuclear Science Safety/Environmen 10-5-90 t	Need "No Smoking at Propane	Put up sign	
Counting 2	Nuclear Science	"Clean up exp'l area, cables etc Cave 2"		
Counting 2	Nuclear Science	remove old temp. chart recorder C34		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Counting 2	Nuclear Science	frayed AC pwr cord C-34 rack		
Counting 2	Nuclear Science	frayed AC pwr cord C-29 rack		
Counting 2	Nuclear Science	label power recepticals		
Counting 2	Nuclear Science	mount thermocouple C33		
Counting 2	Nuclear Science	exposed knife switch rack C41 (NOT A PROBLEM)		
Counting 4B	Nuclear Science	EQ LN03 printer		
Counting 4B	Nuclear Science	Fix handle door C73		
Counting 5	Nuclear Science	Cave 5 clean up boxes on floor		
Counting 5	Nuclear Science	Back of Cave 5 racks- remove boxes from floor		
Counting 5	Nuclear Science	Fire Exting at W. Wall needs annual service		
CILR	Nuclear Science	"Remove desk, computer, sports info from 120V elec panel behind beam map"		
CILR	Nuclear Science	Fire Extinguisher at door needs annual service		
CILR	Nuclear Science	"Update, sign, date operator aids"		
CILR	Nuclear Science	relabel ECR collimator box		
CILR	Nuclear Science	"fix, replace bad lights, sockets Trim coil supply board"		
CILR	Nuclear Science	calibration of BIC		
CILR	Nuclear Science	unauthorized aids		
CILR	Nuclear Science	update calib of deflector panel		
CILR	Nuclear Science	Neutron labels on scale should be cps not micro amps		
CILR	Nuclear Science	remove radio		
CILR	Nuclear Science	Key in lock of fire panel?		
CILR	Nuclear Science	Clean up		
CILR	Nuclear Science	"Label recepticals, CBs"		
CILR	Nuclear Science	CHECK Label/remove Red button near fire panel		
CILR	Nuclear Science	Fix remove sockets E wall CR		
CILR	Nuclear Science	"Clean up beam pulser/gater circuit, remount"		
CILR	Nuclear Science	"Safety Feature not secured, cover panel, switches"		
CILR	Nuclear Science	HERA LN fill alarm not properly secured/covered/protected		
CILR	Nuclear Science	Update calib. of radiation detectors		
CILR	Nuclear Science	update calib on n detectors and label		
CILR	Nuclear Science	Procedures for bugger control panel 8W7861		
CILR	Nuclear Science	WHO INITIALS on Cave 1 bugger procedure		
CILR	Nuclear Science	TGT storage in SWAMI		
CILR	Nuclear Science	"Move safety equip nearer CR, "		
CILR	Nuclear Science	Radiation meters for CR		
CILR	Nuclear Science	Walkie-talkies for CR		
CILR	Nuclear Science	"2 man rule evaluation , concern by operators"		
CILR	Nuclear Science	"Batt. pwr emerg lights on Vault, pit, cave roofs, walkways"		
CILR	Nuclear Science	key locker in CR for all necessary keys		
CILR	Nuclear Science	Redo south and west rad. gates		
CILR	Nuclear Science	Fire sprinkler in CR roof		
CILR	Nuclear Science	Label and use drip pan on isoprop alcohol		
CILR	Nuclear Science	Earth Quake drills for off-shift for building		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
CILR	Nuclear Science	*Remove all old chart recorder (2), behind CR		
CILR	Nuclear Science	Improper tag-out ?		
CILR	Nuclear Science	*Update, sign, date aid*		
CILR	Nuclear Science	*Label lights (white, red) as to function in cross-connects*		
CILR	Nuclear Science	*Update, sign, date aid*		
CILR	Nuclear Science	Discard old TV cables W wall		
CILR	Nuclear Science	*HV cable hit by rack door, rack C02*		
CILR	Nuclear Science	Old style 2 prong AC pwr plug used.		
CILR	Nuclear Science	Asbestos on C03 rack floor (IH notified immediately)		
CILR	Nuclear Science	frayed AC pwr cord rack C08		
CILR	Nuclear Science	Old style 2 prong AC pwr plug used.		
CILR	Nuclear Science	blocked air flow C10 rack		
CILR	Nuclear Science	gates/doors across cross-connect racks		
CILR	Nuclear Science	inspect micro-wave ovens (three)		
CILR	Nuclear Science	no storage on top RF power amp		
CILR	Nuclear Science	relocate micro-wave oven for access to ps behind		
Cycl	Nuclear Science	Start procedure needs to be completed		
Cycl	Nuclear Science	shutdown procedure needs to be updated		
Cycl	Nuclear Science	tuning procedures to beam stop needed		
Cycl	Nuclear Science	tuning procedures to each cave (O.K.)		
Cycl	Nuclear Science	OSP update		
Cycl	Nuclear Science	OSPs for other building equipment will be attachments		
Cycl	Nuclear Science	*Operating training, w/ checklist water, rf, optics, etc*		
EA	Nuclear Science	Gas scrubber needs catch basin (contains NaOH)		
EA	Nuclear Science	Consider storage of gas scrubber somewhere else?		
EA	Nuclear Science	Radioactive storage cell doors not EOP		
EA	Nuclear Science	Inventory and labeling procedure Rad. Storage		
EA	Nuclear Science	Patch panel M21 connections not labeled		
EA	Nuclear Science	Airtron hose on filter queen to cave poorly routed/pinched		
EA	Nuclear Science	*Mike for control room needs accessible cradle, labeled*		
EA	Nuclear Science	Label both ends and all breaks in tygon tubing		
EA	Nuclear Science	*Test Daily, is this really the procedure*		
EA	Nuclear Science	Mag tapes stored in exp area		
EA	Nuclear Science	Remove obsolete remote target handling cables and junction box		
EA	Nuclear Science	Tubing stored on top of CAMAC rack		
EA	Nuclear Science	Clean up and re route overhead cables and cords and hoses		
EA	Nuclear Science	Remove obsolete remote tgt hndlg cables/box		
EA	Nuclear Science	Unlabelled ___ bundle of wires		
EA	Nuclear Science	Poorly labeled cave door control		
EA	Nuclear Science	Remove shack door which is off hinges		
EA	Nuclear Science	Unstable sand bag shielding		
EA	Nuclear Science	Cables draped across doorway to shack		
EA	Nuclear Science	procedures/main. log on He compressor		
EA	Nuclear Science	Label circuit breakers		
EA	Nuclear Science	*Trip hazard on floor, cover or reroute*		
EA	Nuclear Science	unsecured gas bottle under work bench		
EA	Nuclear Science	*Unsafe, makeshift counter weight system on MG*		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EA	Nuclear Science	Procedure and improved labels on MG unit		
EA	Nuclear Science	Check out exhaust from VAC pump on MG unit / filter		
EA	Nuclear Science	Need breaker box outlet near MG		
EA	Nuclear Science	Secure switch box for VAC pump		
EA	Nuclear Science	Oil tray for VAC pump /MG		
EA	Nuclear Science	"Caution sign obscured, illegible, unsecured MG VAC "		
EA	Nuclear Science	Poorly labeled gas manifold		
EA	Nuclear Science	Poor posting of MG operating instructions		
EA	Nuclear Science	Poorly closed unlabeled door back of elec. racks		
EA	Nuclear Science	Update labeling on breaker panel M1121NPS		
EA	Nuclear Science	Remove unused units in racks M11 and M12		
EA	Nuclear Science	Unlabeled alarm bell between racks. M11 & M12		
EA	Nuclear Science	Unlabeled breaker panel 80A3A5A9 side M12		
EA	Nuclear Science	Unlabeled hose and valve (comp. air for deflec. blocks)		
EA	Nuclear Science	Loose items stored on roof of shack		
EA	Nuclear Science	Remove plastic bag above lights above shack roof		
EA	Nuclear Science	Remove obsolete fluorescent light above shack roof		
EA	Nuclear Science	Open junction box above shack roof		
EAShack	Nuclear Science	Illegal source storage		
EAShack	Nuclear Science	Hazardous material improperly stored - methanol		
EAShack	Nuclear Science	eating/drinking in radiation-chemistry area		
EAShack	Nuclear Science	Unstable storage modules 3 shelves		
EAShack	Nuclear Science	Undated or signed and appro. tags breaker panel 45A21A		
EAShack	Nuclear Science	"Obsolete exhaust, label, remove?"		
EAShack	Nuclear Science	Poorly labeled breakers on panel 81A9A45		
EAShack	Nuclear Science	EQ shelves		
ECR	Nuclear Science	need OSP for ECR		
ECR	Nuclear Science	ECR needs more internal Pb shielding		
ECR	Nuclear Science	Area x-ray monitor location to max field site		
ECR	Nuclear Science	Need proper radiation signs		
ECR	Nuclear Science	RF interlock on HV cage must be hardwired		
ECR	Nuclear Science	Secure PB shielding so removal needs tools		
ECR	Nuclear Science	Secure Pb shielding on Pac Man so needs tools to move		
ECR	Nuclear Science	Lock down HV cage		
ECR	Nuclear Science	Do racks with magnet PS's(480AC) need to be locked?		
ECR	Nuclear Science	Do magnet coil leads in cage need to be interlocked?		
ECR	Nuclear Science	Operate switching valves on gas system from outside?		
ECR	Nuclear Science	Review isolation xlmr on floor		
ECR	Nuclear Science	Cover High current oven terminals or interlock w/ cage?		
ECR	Nuclear Science	OSP for silane system		
ECR	Nuclear Science	System for storing ECR compressed gases		
ECR	Nuclear Science	Hard plumb flam gas system		
ECR	Nuclear Science	Procedure for verifying RF leakage from waveguide		
ECR	Nuclear Science	Does RF survey meter work?		
ECR	Nuclear Science	Interlock klystrons to prevent accid. turn on.		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
ECR	Nuclear Science	need signs for remote SIH4 shut off		
ECR	Nuclear Science	SIH4 procedure update		
ECR	Nuclear Science	ECR area x-ray monitoring procedures improvement		
ECR	Nuclear Science	"x-ray meter needs operating procedures, instructions"		
ECR	Nuclear Science	Move control from ECR?		
ECR	Nuclear Science	Calib data for valves		
ECR	Nuclear Science	should water auto shutoff in case of flood?		
ECR	Nuclear Science	Interlock oven with water		
ECR	Nuclear Science	Replace solid state relay on low temp interlock (48Ca)?		
ECR	Nuclear Science	cables into trays AP01		
ECR	Nuclear Science	ECR log books and operating procedures		
ECR	Nuclear Science	"Tagouts ECR04, old?"		
ECR	Nuclear Science	1984 phone book		
ECR	Nuclear Science	extension cords ECR05		
ECR	Nuclear Science	extension cords in front of panels ecr05		
ECR	Nuclear Science	messy work desk		
ECR	Nuclear Science	caps on unused quickconnects		
ECR	Nuclear Science	gas bottle on floor		
ECR	Nuclear Science	unlabelled breakers at 82b2c		
ECR	Nuclear Science	AC wiring plasma magnet cooling		
ECR	Nuclear Science	keys left in breaker box 355A10a and 15a		
ECR	Nuclear Science	gaussmeter top R25		
ECR	Nuclear Science	scissors jack under RF waveguide		
ECR	Nuclear Science	RF waveguides unsecured		
ECR	Nuclear Science	"operator aids signed and dated, remove unnecessary aids"		
ECR	Nuclear Science	label glycol system		
ECR	Nuclear Science	EQP x-band and c-band transmitters		
ECR	Nuclear Science	hot air from c-band directed upwards		
ECR	Nuclear Science	procedure for bugger plug at glycol panel? Legal?		
ECR	Nuclear Science	ECR AP improve operator aids		
ECR	Nuclear Science	exposed contacts MCHH		
ECR	Nuclear Science	"ECRAP large cable into Emerg power bottle ECR13, trip hazard"		
ECR	Nuclear Science	ECR needs consistent labelling chambers		
ECR	Nuclear Science	extension cords on gas handling vac pumps		
ECR	Nuclear Science	Unlabelled poly-flow lines at manifold		
ECR	Nuclear Science	procedures for glycol systems		
ECR	Nuclear Science	secure ECR emergency sign		
ECR	Nuclear Science	"hanging wires on deflection chamber, hv clip leads"		
ECR	Nuclear Science	"scans cup mechanism not protected from dust, cast edge vault"		
ECR	Nuclear Science	power cords across walk ECR05		
ECR	Nuclear Science	ECR unlabelled chemicals		
ECR	Nuclear Science	"gas bottles needs two chains, or lip, confirm legality"		
ECR	Nuclear Science	lead brick on hand rail		
ECR	Nuclear Science	"AS-2, taggle of h20 and power cords"		
ECR	Nuclear Science	NO EATING DRINK SMOKING IN RAD AREAS		
ECR	Nuclear Science	clear floor access to all beamlines(yellow walkways)		
ECR	Nuclear Science	"store equip in cabinets, not desks"		
ECR	Nuclear Science	MCHV not labeled		
ECR	Nuclear Science	Procedure for beamline magnets startup		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
ECR	Nuclear Science	ECR gas manifold kinney pump power cord frayed		
ECR	Nuclear Science	Piraní gage at gas manifold illegal extension cord		
ECR	Nuclear Science	*Light ECR08 on and shouldn't be (HL,RF,LO,RF,EXT,INT)		
ECR	Nuclear Science	ECR Start up procedures needed		
ECR	Nuclear Science	ECR shutdown procedures needed		
ECR	Nuclear Science	ECR tuning procedures needed (standard settings complete)		
ECR	Nuclear Science	OSP for ECR		
ECR	Nuclear Science	OSP for silane system update needed		
ECRAP	Nuclear Science	blocked radiation gate		
ECRAP	Nuclear Science	unsecured gas bottle		
ECRAP	Nuclear Science	messy works spaces		
ECRAP	Nuclear Science	various items are tied down		
ECRAP	Nuclear Science	wooden blocks under vac system		
ECRAP	Nuclear Science	muffin fans on turbos		
ECRAP	Nuclear Science	move fire extinguisher		
ECRAP	Nuclear Science	pac-baby terminal needs cover		
ECRAP	Nuclear Science	computers not EQP-ed		
ECRAP	Nuclear Science	electronics stored in nimbins		
EM	Nuclear Science	Lockout/tagout procedures for EMs		
EPOOL	Nuclear Science	*Remove boxes from floor, Cave 4*		
EPOOL	Nuclear Science	Fire exting (2) on N. wall need annual service		
EPOOL	Nuclear Science	RM 163A remove piece of bookshelf from on top wireway		
Expt areas	Nuclear Science	safety hazard and procedures trainingfor new expters		
Expt areas	Nuclear Science	review and inspectin of areas		
Expt areas	Nuclear Science	cave log of radiation levels after each run		
Expt areas	Nuclear Science	Oxygen level monitoring in caves		
Expt areas	Nuclear Science	OSP for cave 0 must be completed		
Expt areas	Nuclear Science	OSP for cave 1 check		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Closers on doors		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	2nd exit on 2nd floor offices		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Plastic waste cans - illegal		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Lip guards on high book shelves		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Acetone bottle (improperly labeled		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Newspaper recycling containers		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	No boxes under stairwell		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Move filing cabinet		
Gen	Nuclear Science Safety/Envtionmen t 11-26-90	Electrical outlets - clock		

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Gen	Nuclear Science Safety/Environmen t 11-26-90	Check Hardware (Good shape)		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Under front stairs a) put cover on box and ventilation systems		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Mallboxes illegal in corridor		
Gen	Nuclear Science Safety/Environmen t 11-26-90	Solvent dispensers illegal for inside use - no gravity flow permitted		
global	Nuclear Science	GM and Cutie Pies at all cave doors		
Global	Nuclear Science	Inventory of all caves/rooms for chem/rad. on doors		
global	Nuclear Science	Yellow tape walkways		
global	Nuclear Science	Adequate intercom test procedure		
global	Nuclear Science	Label solvent bottles and use tray		
global	Nuclear Science	Check run/sale switch policy		
global	Nuclear Science	"Mix power, water and signal cables in tray"		
global	Nuclear Science	Remove unused TV cables		
global	Nuclear Science	Map building CB panels		
global	Nuclear Science	Central lead brick storage ? RULES FOR USE		
global	Nuclear Science	Maintenance logs in cave		
global	Nuclear Science	Measure radiation & check contamination/ log procedures		
Global	Nuclear Science	label intercoms		
global	Nuclear Science	cap off unused gas manifold regulator ports		
global	Nuclear Science	chemicals not in drip pans/proper bottles/labelled		
GLOBAL	Nuclear Science	LABEL BLDG WIDE FIRE ALARM BELLS		
global	Nuclear Science	Fire extinguisher inspection interval		
GLOBAL	Nuclear Science	BATTERY powered flashlights in all caves		
global	Nuclear Science	yellow tape walkways		
Global	Nuclear Science	exposed knife switch most racks (NOT A PROBLEM)		
global	Nuclear Science	"process pipes need labeling, redo CB descriptions"		
He Comp	Nuclear Science			
High Bay	Nuclear Science Safety/Environmen t 8-16-90	2-5' bottle no cap	put cap on	
HLC	Nuclear Science	update rad. hazard notes		
HLC	Nuclear Science	unsecured lead brick storage		
HLC	Nuclear Science	"Relabel crash button, clear path to same"		
HLC	Nuclear Science	"Poor labels on crash buttons, not visible"		
HLC	Nuclear Science	Complete set of operating procedures for cave		
HLC	Nuclear Science	"Obsolete 1/4" Cu lines"		
HLC	Nuclear Science	Unsealed pump exhaust		
HLC	Nuclear Science	Collapsed airtron hose		
HLC	Nuclear Science	Makeshift and inadequate cement block shielding		
HLC	Nuclear Science	Unlabeled hoses on air and water manifold		
HLC	Nuclear Science	Remove unused TV cables		
HLC	Nuclear Science	"Electric cords on floor, trip hazard"		
HLC	Nuclear Science	Makeshift wooden stop on vac feed through		
HLC	Nuclear Science	Remove wire tied around sprinkler pipe		
HLC	Nuclear Science	Extension cord to mech pump		
HLC	Nuclear Science	Unmarked switch and cord		
HLC	Nuclear Science	What is MEB0?		
HLC	Nuclear Science	Unlabeled plug strip		

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
HLC	Nuclear Science	Unlabeled AC outlet		
HLC	Nuclear Science	Unlabeled Vac pump and poorly routed plumbing		
HLC	Nuclear Science	Vac pump needs oil pan		
HLC	Nuclear Science	Secure obsolete lead door EQP		
HLC	Nuclear Science	Unprotected glass ion gauge		
HLC	Nuclear Science	Bypass hose impairs clearance of passage		
HLC	Nuclear Science	frayed cord on hastings gauge supply		
HLC	Nuclear Science	Poorly routed ion gauge cable (to control room)		
HLC	Nuclear Science	poorly routed and secured cables and hoses		
HLC	Nuclear Science	Remove obsolete door control		
HLC	Nuclear Science	No (or inoperative) building page speaker in cave		
HLC	Nuclear Science	Drip pans for solvent bottles		
HLC	Nuclear Science	unlabelled chemicals		
HLC	Nuclear Science	airfilters not changed since 1986		
HLC	Nuclear Science	circuit breakers not labelled		
HLC	Nuclear Science	"Relabel beam valve panel, remove unused buttons"		
HLC	Nuclear Science	Label vacuum gauges		
HLC	Nuclear Science	Procedures and main. log for vac. pump		
HLC	Nuclear Science	Fix/remove manual beam plug open/shut indicator		
HLC	Nuclear Science	Relabel process piping		
HLC	Nuclear Science	Cable trays blocked closed by flow gauge		
HLC	Nuclear Science	"Label cable ends at M20, where does it go to?"		
HLC	Nuclear Science	Razor blades poorly stored		
HLC	Nuclear Science	No x-gamma survey meters at door		
HLC	Nuclear Science	Replace/discard door to shack		
HLC	Nuclear Science	Inventory of sale contents on outside		
HLC	Nuclear Science	unsale storage on Circuit breakers		
HLC	Nuclear Science	remove old TV cables		
HLC	Nuclear Science	unlabelled on/off switch		
HLC	Nuclear Science	procedures/main. log on MG		
HLC	Nuclear Science	"Log book index needs updating, pages not signed"		
HLC	Nuclear Science	Outdated powerstrip on PC computer		
HLC	Nuclear Science	clock not secured to wall		
HLC	Nuclear Science	"remove outdated light circuit on E. wall cave 0, outside"		
HLC	Nuclear Science	"Label cyclotron interlocks, deflector blocks, two places"		
HLC	Nuclear Science	fix rain leak in roof		
HLC	Nuclear Science	label compressed air-filter drain		
HLC	Nuclear Science	radar box and plug strip mounted on wireway		
HLC	Nuclear Science	Remove old TV control cables		
HLC	Nuclear Science	Remove old TV control cables		
HLC	Nuclear Science	Illegal 3-way plug		
INJection line	Nuclear Science	ion gauges exposed HV leads		
INJection line	Nuclear Science	AC wires in a mess around injector a rat's nest		
INJection line	Nuclear Science	Rack AP remove unused ps		
INJection line	Nuclear Science	R-26 unmounted		
INJection line	Nuclear Science	overhead wires into Inj line:		
INJection line	Nuclear Science	Rack ap01 pig tails replaced with panel mount socket		

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
INjection line	Nuclear Science	beam switching box and 500V ps not secure		
INjection line	Nuclear Science	75 degree magnet terminal not secured		
INjection line	Nuclear Science	poor house keeping 15 degree mag stand		
INjection line	Nuclear Science	coax cable A-300 rf amp rerouted		
INjection line	Nuclear Science	W-9 EMI ps not secured		
K-Area	Nuclear Science	CB needs labels NW		
K-Area	Nuclear Science	relocate sander from in front CB		
K-Area	Nuclear Science	3' clearance front of CB 82B3A		
K-Area	Nuclear Science	List of authorized users for faraday cage		
K-Area	Nuclear Science	E.Q. cabinets		
K-Area	Nuclear Science	label process piping		
K-Area	Nuclear Science	remove heavy items top of cabinets		
K-Area	Nuclear Science	"cabinets need signs, key location"		
K-Area	Nuclear Science	"unlabelled gas bottle in cabinet, bad storage"		
K-Area	Nuclear Science	remove HV sign on mike's office		
K-Area	Nuclear Science	remove cardboard boxes		
K-Area	Nuclear Science	E.Q. filling cabinets		
K-Area	Nuclear Science	safely store bell jar		
K-Area	Nuclear Science	store magnets on top of cable tray safely		
K-Area	Nuclear Science	E.Q. terminals		
K-Area	Nuclear Science	"secure dry box, cryo pump, etc"		
K-Area	Nuclear Science	secure terminal for theft		
K-Area	Nuclear Science	recycle/dispose chemicals		
K-Area	Nuclear Science	remove junk		
K-Area	Nuclear Science	discard old mag tapes		
K-Area	Nuclear Science	label pipes S. Wall		
KArea	Nuclear Science	"Clean up cables on Floor, NE area"		
KArea	Nuclear Science	Install or remove panels hanging on ropes in corridor S. of K		
Mech Area (down)	Nuclear Science	"Store items in box, floor, N wall"		
MechArea (down)	Nuclear Science	E.Q. protect		
MechArea (down)	Nuclear Science	Keep 3' clearance on elec boxes (2) SW corner		
MechArea (down)	Nuclear Science	Clean up floor behind shower		
ModR	Nuclear Science	Clean up floor at Mod racks		
N-8 HALL	Nuclear Science	better signage CB 82A12A		
N-8 HALL	Nuclear Science	label up/down control near CB 82A12A		
N-8 HALL	Nuclear Science	"process pipes need labeling, redo CB descriptions"		
N-8 HALL	Nuclear Science	repair bendix plus M43 ps power on light		
N-8 HALL	Nuclear Science	cover CB panel S-10		
N-8 HALL	Nuclear Science	mount mirror NW corner		
N-8 HALL	Nuclear Science	better signage on BF3 plugs		

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL PE/Kaiser 12/5/90	A 480V-3phase service to -3 single phase isolation transformers is connected to 240V rated receptacle & plug. The 480V is terminated in a J.B. which also contains the secondary 240V of the transformer. The 240V-3phase service to a power supply is made up of a combination of different sizes of flexible cable draped over equipment structures.	This condition when noticed was immediately reported to direct of the experiment, & immediately disconnected. The primary cable, and complete reworking of the installation will take place on Monday.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Custom spreader bar used to move concrete shielding blocks is not identified as to its Safe Working Load (SWL)	Test and evaluate the SWL of all custom lift & rigging equipment. Identify the SWL on the equipment & maintain documentation to assure equipment can be verified as correctly tested.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Extension cords are both "daisy chained" and used in lieu of fixed wiring. Cords in this area pose an employee trip hazard. Plugs are taped into the grooves of the concrete.	Remove all extension cords & plug equipment into an electrical outlet or use a power strip. Cords must be removed from the floor to avert a trip hazard(s).	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Metal cap plugs are in use on many apparatus	Replace all metal cap plugs with nonmetallic type.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Cables, control wire & power leads are tie wrapped to frame of test machine.	Install cable trays &/or lay-in-duct to properly route & protect cables.	
none	INSTITUTIONAL PE/Kaiser 12/5/90	Protective metal screens on test machines are not properly grounded.	Install properly sized & connected ground leads, & properly ground removable screens.	
none	INSTITUTIONAL PE/Kaiser 12/5/90	60 Amp service to local district panel is being fed by flexible cable.	Replace with hard wire installation.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Rigging equipment is scattered at various locations in this building & exposed to potential damage.	Rigging equipment must be stored in a designated storage location to protect equipment from being accidentally damaged.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Chokers & slings are not tested and identified to this load test. No tags exist documenting this inspection.	Rigging equipment, slings, chokes, etc. should be inspected, tested and identified as to the Safe Work Load (SWL) date of inspection and method to maintain paper tracking system.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Circuit breaker in power panels are only tagged out.	Initiate proper tag and lock-out procedure. Use LLNL-standard-LED-76-9003-01 circuit breaker lockout.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	No start-up or operating instructions are available at EG-38.	Provide start-up and operating instruction guide.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Vacuum Pumps - frayed & flexible cable are in use. - Some pumps have snap switches for control while others have none.	- Replace with sealtight conduit. - Install manual starter on vacuum pumps.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Interior wiring in control panel unsupported and hanging in complete disarray.	Reinstall wires in wire racks and troughs where provided and install panduit tray or cable racks in those not so equiped.	
none	INSTITUTIONAL PE/Kaiser 12/5/90	Asbestos insulated cable is being used on some heater elements.	Remove & replace all asbestos insulated cable with silicone hi-temp insulated cable.	
none	INSTITUTIONAL PE/Kaiser 12/5/90	Magnet cables are routed across the floor without any protection.	There is an existing lay-in-duct that is not being used and can be used for these cables.	
none	INSTITUTIONAL PE/Kaiser 11/26/90	Test cables for dummy load are laying on floor, causing tripping as well as possible electrical hazard.	Properly use and store cables.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Substation Bldg #88 fire extinguisher #1526 last inspected in Dec. 1988. Argon gas cylinder on dolly in center of station.	Reinspect and certify fire extinguisher. Remove Argon gas cylinder.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Lighting is wired with daisy chained flexible cable.	Hard wire lighting.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Improper storage of PCB capacitors and PCB contaminated materials.	Remove capacitors to approved EH&S storage.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Deionizer IX-1-88 has been taken out of service but has been left in place. Contains resins with heavy metals	Unit needs to be removed, cleaned & disposed of. Resins may need to be disposed as hazardous material based on tests.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No voltage/high voltage signs on HV & LV switchgear.	Post approved high-voltage warning signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Argon bottle and cart not secured.	Secure bottle and cart in approved holder.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Fire extinguisher inspection out of date.	Have fire extinguisher inspected.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Fluorescent fixtures improperly wired with flexible cords & plugs.	Permanently install all wiring.	

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Station phone & cabinet no longer used, should be removed.	Remove old phone.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Chemical dispensing-UFC(1988) prohibits dispensing of certain chemicals from horizontal drums.	A study is in process to determine which drums violate UFC88. Take necessary actions to rectify situation	
Parking lot	Nuclear Science Safety/Environmen 10-5-90 t	Needs "no smoking" at Acetylene	Put up sign	
Parking lot	Nuclear Science Safety/Environmen 10-5-90 t	Needs "No Smoking" at Oxygen	Put up sign	
PIS	Nuclear Science	cables out of trays w-5		
PIS	Nuclear Science	pis cables messy front w-5		
PIS	Nuclear Science	procedures for PIS operation missing		
PIS	Nuclear Science	Maintenance log for PIS		
PIS	Nuclear Science	cables railing on top of old PIS		
PIS	Nuclear Science	W-2 pis RG213 needs panel N-type feed through		
PIS	Nuclear Science	"coax cables clean up W-15,5, and label"		
PIS	Nuclear Science	"remove unused chassis behind PIS, "		
PIS	Nuclear Science	Check cross connects		
PIS	Nuclear Science	clean filters W-6-9		
PIS	Nuclear Science	fence around hole		
PIS	Nuclear Science	"radiation gates at vault roof, with signs "		
PIS	Nuclear Science	cap unistrut at PIS W-15		
PIS	Nuclear Science	clean out drawers		
PIS	Nuclear Science	isolate drawer from rack		
PIS	Nuclear Science	label cross connects		
PIS	Nuclear Science	wires clean up bottom W-1		
PIS	Nuclear Science	yellow tape walkways behind PIS		
PIS	Nuclear Science	bad speaker from control room to PIS		
PIS	Nuclear Science	remove extension cords under walkways		
PIS	Nuclear Science	check tygon tubing at gas rack		
PIS	Nuclear Science	fan held by tape at gas rack		
PIS	Nuclear Science	water tray lip bent at gas rack		
PIS	Nuclear Science	"panel missing under PIS control, W1"		
PIS	Nuclear Science	unused gas bottles with regulators installed		
PIS	Nuclear Science	RG-58 under door at W-8		
PIS	Nuclear Science	"confused labels at load center, 80A3A2ABA480VAC"		
PIS	Nuclear Science	81A9C 1988 lockout tag		
PIS	Nuclear Science	stabilize ECR shut off gas sign		
PIS	Nuclear Science	"water lines between AECR and Inj. not labelled"		
PIS	Nuclear Science	cable to VIR hangs too low		
PIS	Nuclear Science	unlabelled AC cords to Emerg power		
PIS	Nuclear Science	remove unused items racks W-1-13		
PIS	Nuclear Science	panel over empty spaces W1-13		
PIS	Nuclear Science	cover cross connect panels WX		
PIS	Nuclear Science	cover racks W2-W1		
PIS	Nuclear Science	"no fire extinguisher W-13, remove sign"		
PIS	Nuclear Science	PIS startup procedures update		
PIS	Nuclear Science	PIS shutdown procedures update		
PIS	Nuclear Science	PIS tuning procedures		
Plt	Nuclear Science	Improve lighting		
Plt	Nuclear Science	Burned out light door 2 trim coil pa. interlock		

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Pit	Nuclear Science	Unused/unlabeled HV box		
Pit	Nuclear Science	Batt powered emergency lights		
Pit	Nuclear Science	"Label dry active waste can, remove"		
Pit	Nuclear Science	Clean out cable trays		
Pit	Nuclear Science	Improve label		
Pit	Nuclear Science	Improve condensation shields		
Pit	Nuclear Science	Rework/clean-up Internal source gas cart/flam gases		
Pit	Nuclear Science	Remove or fill safety glasses dispenser		
Pit	Nuclear Science	Label/fix/test/remove? Intercom		
Pit	Nuclear Science	Test/fix control room comm.		
Pit	Nuclear Science	Remove hydrogen bottles		
Pit	Nuclear Science	Lead brick holding hoses into tank		
Pit	Nuclear Science	Remove wooden desk/shelf		
Pit	Nuclear Science	Remove radar box		
Pit	Nuclear Science	Pit-vault mke junction box fix cover		
Pit	Nuclear Science	No cover PA switch box poor sound level from spkr		
Pit	Nuclear Science	Unlabeled box and cables		
Pit	Nuclear Science	Remove loose items on floor		
Pit	Nuclear Science	Oil drain pans for mech vac pumps		
Pit	Nuclear Science	cords on floor near drain		
Pit	Nuclear Science	check and relabel breaker boxes		
Pit	Nuclear Science	Remove or replace CPR poster		
Pit	Nuclear Science	Remove filament source gas handling cart?		
Pit	Nuclear Science	Relabel poor labels on ALCW manifold		
Pit	Nuclear Science	Label gages on FPA anode		
Pit	Nuclear Science	Label or remove cable near SW panel drive Cyt.		
Pit	Nuclear Science	Label or remove unmarked cable		
Pit	Nuclear Science	Label He3 or He4 or remove if not needed		
Pit	Nuclear Science	Unlabeled power boxes 4 pica east wall by mech pumps		
Pit	Nuclear Science	Label boxes (elec) east wall by Intercom		
Pit	Nuclear Science	"Label switches, procedures, house clean in cage"		
PIT	Nuclear Science	Fire extinguisher last inspected 12/89		
PIT	Nuclear Science	Improve pipe labeling at entry		
PIT	Nuclear Science	cable way used for storage		
PIT	Nuclear Science	label mech pumps on floor		
PIT	Nuclear Science	"hang safety light, ext. cord on wall"		
PIT	Nuclear Science	label elec box between DP's		
PIT	Nuclear Science	"label DP's 1,2"		
PIT	Nuclear Science	re-label breaker box switches and schedule		
PIT	Nuclear Science	Store Hydrogen and deut bottles in back		
PIT	Nuclear Science	remove or refill safety glass box		
Self-Insp ec	Nuclear Science	Safety interlock inspections 6 months		
Self-Insp ec	Nuclear Science	permanent committee		
SWGR	Nuclear Science	EQ protect 6' high cabinets N wall		
SWGR	Nuclear Science	"Toss out box of trash floor, E side"		
SWGR	Nuclear Science	EQ protect cabinets S wall		
SWGR	Nuclear Science	"Clean up items on floor, SW corner"		
Vault	Nuclear Science	"Procedure, open south doors when working in vault"		
Vault	Nuclear Science	Upgrade old CPR chart		
Vault	Nuclear Science	"Larger, more visible crash button sign, west wall"		

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Vault	Nuclear Science	"RF crash off sign, worn lettering, RF tank"		
Vault	Nuclear Science	"Worn, faded sign on blue RF tank"		
Vault	Nuclear Science	Remeasure and repost RF field intensity		
Vault	Nuclear Science	Remove unused HV warning light		
Vault	Nuclear Science	Unidentified cables		
Vault	Nuclear Science	Low audibility in control room		
Vault	Nuclear Science	Unconnected and unlabeled cable		
Vault	Nuclear Science	Unlabeled cable		
Vault	Nuclear Science	Dangling thermocouples		
Vault	Nuclear Science	Poorly located unsecured TC vacuum unit		
Vault	Nuclear Science	Identify and/or remove unused cables		
Vault	Nuclear Science	Unlabeled minibox strain relief on AC line		
Vault	Nuclear Science	Remove or improve sign on north side magnet yoke access panel		
Vault	Nuclear Science	Unlabeled AC outlets		
Vault	Nuclear Science	Update procedure for opening and entering resonator tank		
Vault	Nuclear Science	Inaudible PA		
Vault	Nuclear Science	Remove air filters several places		
Vault	Nuclear Science	Removed unused power cord		
Vault	Nuclear Science	Unlabeled cables		
Vault	Nuclear Science	Need higher range water pressure gauge on supply manifold north wall		
Vault	Nuclear Science	Remove unused cable switching magnet		
Vault	Nuclear Science	Reroute power cables for trim coil 14 unbalanced power supply		
Vault	Nuclear Science	Label and test PA		
Vault	Nuclear Science	Need new label 5A guillotine valve		
Vault	Nuclear Science	Remove or improve labeling on south side magnet yoke access panel.		
Vault	Nuclear Science	Remove or repair moveable shielding on overhead track		
Vault	Nuclear Science	Label outlet box east wall		
Vault	Nuclear Science	Clean up loose unlabeled cables cave 0 beam line		
Vault	Nuclear Science	Remove extension cord NE corner		
Vault	Nuclear Science	Secure steering magnet MCV0		
Vault	Nuclear Science	Non working electric clock		
Vault	Nuclear Science	Clean up/remove rotting cords exit area		
Vault	Nuclear Science	Replace/improve power hook up procedures for B13 det. heads		
Vault	Nuclear Science	Check out remove flow switch box & cables SE mag yoke		
Vault	Nuclear Science	Label/fix/test or remove interroom SE corner yoke		
Vault	Nuclear Science	Update signs /instructions tank to N2		
Vault	Nuclear Science	Daisy chain of lights		
Vault	Nuclear Science	Unidentified misc aluminum		
Vault	Nuclear Science	Strain relief RGA rear res. tank		
Vault	Nuclear Science	Unlabeled PA system		
Vault	Nuclear Science	Unlabeled power receptacle		
Vault	Nuclear Science	Unlabeled light switches at rear of res. tank		
Vault	Nuclear Science	Strain relief thermo. leads north side		
Vault	Nuclear Science	Cushion unistrut at rear of res. tank		
Vault	Nuclear Science	re hose or remove flow switch/flow meter on N wall		
Vault	Nuclear Science	Repair deteriorating sand bag shielding B1 5 N wall		
Vault	Nuclear Science	Rehose air and H2O hoses by Switch. mag		
Vault	Nuclear Science	Label flow switch by 0 beam line		
Vault	Nuclear Science	Remove or replace illegal ext cord at Quad S1		

BUILDING: 88

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Vault	Nuclear Science	Label torques for trimmer		
Vault	Nuclear Science	clock on table		
Vault	Nuclear Science	2' high chassis on floor unlabelled		
Vault	Nuclear Science	cables on floor under beamlines		
Vault	Nuclear Science	label line 5 valve/gull		
Vault	Nuclear Science	label turbo		
Vault	Nuclear Science	"label racks, 3', 4' on floor with their functions"		
Vault	Nuclear Science	clean up cables on floor		
Vault	Nuclear Science	label steering magnets cave 0		
Vault	Nuclear Science	label dell. cage		
Vault	Nuclear Science	label par		
Vault	Nuclear Science	re-label slammer valve term. strip Eastside MS		
Vault	Nuclear Science	"Add labels MS to switch mag, MB to bend mag"		
Vault	Nuclear Science	Fire extinguisher last checked 12/89		
Vault	Nuclear Science	"label mickey mouse valve, remove mickey"		
Vault	Nuclear Science	label flow switch at dell. cage		
Vault	Nuclear Science	relabel LN chicken feeder		
Vault	Nuclear Science	"label water, air manifolds at GSI"		
Vault	Nuclear Science	"Label IG10, IG02"		
Vault	Nuclear Science			
VAX	Nuclear Science	mount speaker		
VAX	Nuclear Science	lock on door		
VAX	Nuclear Science	"EQ mac, terminals, V3100"		
VAX	Nuclear Science	label CBs		
VAX	Nuclear Science	clean up cabinets		
VAX	Nuclear Science	backup procedures		
VAX	Nuclear Science	keep clear signs on CB		
VAX	Nuclear Science	E.Q. IP 9 printer		
VAX	Nuclear Science	Lips on book shelves		
VAX	Nuclear Science	"Security chains on VS3100, Mac"		

BUILDING: 88 Pkg lot

none	INSTITUTIONAL Plant Ops-Self	11/21/90	Wood retaining walls are rotting	Rehab walls

BUILDING: 90

1000	Administration Electrical	1/5/90	Furniture stored in passage way	remove	Yes November 2, 1990 Reed, H.
1012A	Administration Electrical	1/5/90	Outlet needed for cord to alarm box	install	Yes November 2, 1990 Reed, H.
1012B	Administration Electrical	1/5/90	Seismic tie down: bookshelf, cabinet	secure	Yes November 2, 1990 Reed, H.
1012C	Administration Electrical	1/5/90	Old Waber Strip	replace	Yes November 2, 1990 Reed, H.
1012C	Administration Electrical	1/5/90	Heater plugged into Waber Strip	replace/rewire	Yes November 2, 1990 Reed, H.
1012D	Administration Electrical	1/5/90	Heater Connected to #16 extension, then to Waber	replace/rewire	Yes November 2, 1990 Reed, H.
1012F	Administration Electrical	1/5/90	Zip Extension Cord	replace	Yes November 2, 1990 Reed, H.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1012F	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1012G	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1012H	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1012H	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 2, 1990 Reed, H.
1012I	Administration Electrical 1/5/90	Seismic tie down: 5 storage cabinets, 2 file cabinets	secure	Yes November 2, 1990 Reed, H.
1012J	Administration Electrical 1/5/90	Heater plugged into Waber	replace/rewire	Yes November 2, 1990 Reed, H.
1012K	Administration Electrical 1/5/90	Seismic tie down: File cabinet	secure	Yes November 2, 1990 Reed, H.
1012M	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 2, 1990 Reed, H.
1024C	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Reed, H.
1024C	Administration Electrical 1/5/90	2 Obsolete Wabers	replace	Yes November 2, 1990 Reed, H.
1042A	Administration Electrical 1/5/90	Class A debris	clean	Yes November 2, 1990 Reed, H.
1042A	Administration Electrical 1/5/90	Old Wabers, N & E walls - must be protected	replace	Yes November 2, 1990 Reed, H.
1042B	Administration Electrical 1/5/90	Seismic tie down: file cabinet, 2 book shelves	secure	Yes November 2, 1990 Reed, H.
1042B	Administration Electrical 1/5/90	Old Waber/Surge Box E. Wall	replace	Yes November 2, 1990 Reed, H.
1042D	Administration Electrical 1/5/90	Seismic tie down: 4 bookshelves	secure	Yes November 2, 1990 Reed, H.
1042E	Administration Electrical 1/5/90	Seismic tie down: 3 bookshelves	secure	Yes November 2, 1990 Reed, H.
1042E	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1042K	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Reed, H.
1042K	Administration Electrical 1/5/90	Obsolete Waber	replace	Yes November 2, 1990 Reed, H.
1042L	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Reed, H.
1042M	Administration Electrical 1/5/90	Seismic tie down: 2 file cabinets	secure	Yes November 2, 1990 Reed, H.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1042N	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 2, 1990 Reed, H.
1042O	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1042P	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Reed, H.
1042Q	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1042G	Administration Electrical 1/5/90	Housekeeping under computer table	clean	Yes November 2, 1990 Reed, H.
1042R	Administration Electrical 1/5/90	2 Zip Cord Extensions in Series	remove	Yes November 2, 1990 Reed, H.
1042S	Administration Electrical 1/5/90	Old Waber	replace	Yes November 2, 1990 Reed, H.
1042S	Administration Electrical 1/5/90	Zip Cord Extension	remove	Yes November 2, 1990 Reed, H.
1042T	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 2, 1990 Reed, H.
1042U	Administration Electrical 1/5/90	2 old Wabers	replace	Yes November 2, 1990 Reed, H.
1042V	Administration Electrical 1/5/90	Seismic tie down: Bookshelf	secure	Yes November 2, 1990 Reed, H.
1042W	Administration Electrical 1/5/90	Class A debris hazard	clean	Yes November 2, 1990 Reed, H.
1070	INSTITUTIONAL Plant Ops-Self 11/30/90	NO REQUIRED FIRE RATED EXIT CORRIDOR AT FIRST FLOOR	PROVIDE EXIT CORRIDOR THROUGH ROOM 1070	
1076, 1138	Directorate Self-Assessment 12/10/90	disorderly work site	to be cleaned up	A.G. Tressler
1076, 1138	Directorate Self-Assessment 12/10/90	combustible materials under tables	to be removed	A.G. Tressler
1076, 1138	Directorate Self-Assessment 12/10/90	two desks too close to walls for safe exit	desks to be moved	A.G. Tressler
1076, 1138	Directorate Self-Assessment 12/10/90	retainer lips needed on book shelves	to be installed	A.G. Tressler
1076, 1138	Directorate Self-Assessment 12/10/90	cabinets not secured to the wall	to be secured	A.G. Tressler
1076, 1138	Directorate Self-Assessment 12/10/90	microwave and coffee pot not properly secured	to be secured	A.G. Tressler
1076, 1138	Directorate Self-Assessment 12/10/90	potted plants not properly secured	to be secured	A.G. Tressler
1084, 108 6, 1088, 1070, 1090, 1094, 1121S, P. & Q	Directorate Self-Assessment 12/10/90	disorderly work site	to be cleaned up	A.G. Tressler
1084, 108 6, 1088, 1070, 1090, 1094, 1121S, P. & Q	Directorate Self-Assessment 12/10/90	combustible materials under tables	to be removed	A.G. Tressler

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	lights turn out unexpectedly	motion sensor needs adjustment	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	sharp corner	table to be moved	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	unidentified hole in wall in Rm 1090	to be identified & repaired	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	unused junction boxes on floor	to be removed	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	equipment stored improperly	to be removed	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	retainer lips missing on book shelves	to be installed	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	potted plants not properly secured	to be Velcroed	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	materials improperly stacked	to be reorganized	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	paper in boxes on top of file cabinets	to be removed	A.G. Tressler
1084,108 6,1088, 1070, 1090, 1094, 11218, P. & Q	Directorate Self-Assessment 12/10/90	loose paper under tables	to be removed	A.G. Tressler
1097	Engineering S&H Self Inspection 11/6/90	Microwave stand not secure	Secure microwave stand	
1097	Engineering S&H Self Inspection 11/6/90	Paper under table	Remove paper	Yes November 7, 1990
1097	Engineering S&H Self Inspection 11/6/90	MSDS on insect spray not on file	Have MSDS on file. -MSDS ordered.	
1097	Engineering S&H Self Inspection 11/6/90	Fire sprinklers not usable	-Fire sprinklers are code and are usable.	Yes November 6, 1990
1099	Engineering S&H Self Inspection 11/6/90	Pipe not labeled	Label pipe	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1099	Engineering S&H Self Inspection 11/6/90	Label on floor plug	Label floor plug	Yes November 7, 1990
1108	Engineering S&H Self Inspection 11/6/90	Cords under desk	Clean up cords	
1108	Engineering S&H Self Inspection 11/6/90	Old phone cables	Remove old phone cables	
1108	Engineering S&H Self Inspection 11/6/90	Heater not plugged into wall socket	Plug heater into wall socket	
1108	Engineering S&H Self Inspection 11/6/90	Heater not plugged into wall socket	Plug heater into wall socket	
1108	Engineering S&H Self Inspection 11/6/90	Hole in wall	Put nipple on hole in wall	
1108	Engineering S&H Self Inspection 11/6/90	Book on top of cabinet	Remove books from top of cabinet. -Shelf ordered.	
1110	Engineering S&H Self Inspection 11/6/90	Floor plug needs label	Label floor plug	Yes November 7, 1990
1112	Engineering S&H Self Inspection 11/6/90	Shelves have no lips	Put shelves on lips. -Lips ordered	
1112	Engineering S&H Self Inspection 11/6/90	Messy cords	Clean up cords	
1121A	Administration Electrical 1/5/90	Waber in series with partition outlet. Partition outlets fed from floor outlets through flexible line cord. Equals series outlet strips.	rewire	Yes November 2, 1990 Reed, H.
1123	Administration Electrical 1/5/90	This room incorrectly identified as 1121	Y. Kim called 11/12/90 to say the room is now currently identified as 1123	Yes November 2, 1990 Shepherd, D.
1123	Administration Electrical 1/5/90	Obsolete multiple outlet strip	Has Been Removed	Yes November 6, 1990 Shepherd, D.
1123	Administration Office Safety Insp 11/15/90	No switch on variable transformer [Erroneous report]	install - There is a switch on the transformer which is turned off at night and on in the morning.	Yes December 12, 1990
1127	Administration Electrical 1/5/90	Housekeeping	Not CFO Area Ed Pollak verified 11/28/90 that Room 1127 will not be reassigned to CFO/AFM. The Payroll Satellite Office will still remain in Room 1125 -- per D.C. Shepherd VERIFICATION: VIOLATION REASSIGNED TO _____?	Yes November 28, 1990
1127	Administration Electrical 1/5/90	Seismic tie down: file cabinet, computer cabinet	Not CFO Area Ed Pollak verified 11/28/90 that Room 1127 will not be reassigned to CFO/AFM. The Payroll Satellite Office will still remain in Room 1125 -- per D.C. Shepherd VERIFICATION: VIOLATION REASSIGNED TO _____?	Yes November 28, 1990
1129	Administration Electrical 1/5/90	Outlet under desk is located in poor spot. Occupant can not help but step on cord cap. It comes unplugged often.	rewire	Yes November 2, 1990 Reed, H.
1131	Administration Electrical 1/5/90	Ungrounded collee pot with spliced line cord, series rocker switch installed with friction taped protection.	install	Yes November 2, 1990 Reed, H.
1133	Administration Electrical 1/5/90	Light switch cover missing.	install	Yes November 2, 1990 Reed, H.
1138A	Administration Electrical 1/5/90	2 wire adapter in NW corner at duplex outlet	remove NOT A VIOLATION per -----? on -----? - Adapter is part of cozy legs heater, approved for use at LBL	
1138A	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Bagot, W. C.
1138C	Administration Electrical 1/5/90	Surge Prot. in series with Waber	remove	Yes December 1, 1990

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
1136D	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Bagot, W. C.
1136E	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 2, 1990 Bagot, W. C.
1136E	Administration Electrical 1/5/90	Missing cover on room divider electrical junction	install	Yes November 2, 1990 Bagot, W. C.
1136E	Administration Electrical 1/5/90	Fan plugged into adjacent cubical (separate room #)	rewire	Yes November 2, 1990 Bagot, W. C.
1142	Applied Science Pre-Tiger Self-Assessment 11/21/90	Waber outlet boxes ordered from LBL storeroom 11/19/90		Cairns, E.J.
1142	Applied Science Pre-Tiger Self-Assessment 11/26/90	see 35.17 below		Cairns, E.J.
1142	Applied Science Pre-Tiger Self-Assessment 11/21/90	request submitted to F. Poldrack, C&M 11/6 to install guards on bookshelves		Cairns, E.J.
1142	Applied Science Pre-Tiger Self-Assessment 11/21/90	Velcro ordered from storeroom 11/20 to secure plants, telephones, etc.		Cairns, E.J.
1142G	Applied Science Pre-Tiger Self-Assessment	remove boxes of research materials, 3 boxes Daylighting Handbooks to warehouse. 28 boxes research papers (Selkowitz) thrown away/ archived. Both exit doors must remain clear & no combust. materials can be on floor		Cairns, E.J.
14	Administration OSHA	NO LIP ON BOOK SHELVES	install JO# 7828015	
14	Administration Electrical 1/5/90	Needs additional outlets on N. Wall behind computer	install	Yes November 2, 1990 Neilson, D.
14	Administration Electrical 1/5/90	Series wabers	replace	Yes November 2, 1990 Neilson, D.
14	Administration Electrical 1/5/90	Heater should plug into wall, not waber	rewire	Yes November 2, 1990 Neilson, D.
151	Administration OSHA	EQUIP NOT SECURED	secure	
16	Administration OSHA	SPEAKERS & TV NOT SECURED	secure JO# 7828015	
18	Administration OSHA	NON FUNCTIONING EMERGENCY LAMP IN HALLWAY	replace	
18G	Administration OSHA	NO LIP ON BOOK SHELVES (2)	install JO# 7828015	
2	Administration Electrical 1/5/90	Breaker used as light switch. May be noted.	install switch	
20	Administration Electrical 1/5/90	Wiring very messy, non-standard	rewire	Yes December 7, 1990
20	Administration Electrical 1/5/90	AC Cord at top of rack no strain relief, outer jacket stripped too far back, inner wires exposed.	rewire	
20	Administration Electrical 1/5/90	No CB ID on outlets	post	
20	Administration Electrical 1/5/90	Extension Cord on Waber	replace	Yes November 2, 1990 Neilson, D.
20	Administration Electrical 1/5/90	Holder for transformer box schedule missing	post	
20	Administration Electrical 1/5/90	Transformer needs permanent wiring.	rewire C&M correcting	
20	Administration Electrical 1/5/90	Damaged line cord for emergency light, top of PD01.	rewire	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
20	Administration Electrical 1/5/90	Power cord run through wall	rewire	Yes December 7, 1990
20	Administration Electrical 1/5/90	No light in cubical. PD 03,04 05 Equipment racks	install wire -C&M Correcting	
20	Administration Electrical 1/5/90	Exposed 110V at power dist panels. Since one must physically enter this rack, inspectors feel this hazard should be protected.	repair	Yes December 7, 1990
20	Administration Electrical 1/5/90	Partially blocked & schedule unclear 99A7EA power panel.	clear/post	Yes December 7, 1990
20	Administration Electrical 1/5/90	Plugstrip under dispatch desk led from extension wiremold	replace	Yes December 7, 1990
20	Administration Electrical 1/5/90	Emergency power transfer panel should be painted yellow.	paint	
20	Administration Electrical 1/5/90	Transmitter bench outlet strips should be hard wired.	rewire	Yes December 7, 1990
2001	INSTITUTIONAL Plant Ops-Self 11/30/90	DEAD END CORRIDOR EXCEEDS 20' BY 15'	EXTEND CORRIDOR 40' THROUGH ROOM 2993	
2001	Engineering LBL '90 Elec. Insp. 1/5/90	Track light at display board powered by flexible cord that disappears into ceiling, then to switch on wall.	Wire tracklight to code. -Has been requested, will send reminder letter to C&M.	A. Stenvold
2002	Engineering S&H Self Inspection 11/6/90	No room numbers in entrance in room 2004	Install room numbers	Yes December 10, 1990
2002	Engineering S&H Self Inspection 11/6/90	MSDS		Yes November 30, 1990
2002	Engineering S&H Self Inspection 11/6/90	GFI	GFI	
2002	Engineering S&H Self Inspection 11/6/90	Needs to clean-up	Clean-up	Yes November 30, 1990
2002	Engineering S&H Self Inspection 11/6/90	Material on top of sink	Remove material on sink	Yes November 30, 1990
2002	Engineering S&H Self Inspection 11/6/90	Needs to label pipes	Label pipes	
2002	Engineering S&H Self Inspection 11/6/90	Needs to secure pipes	Secure pipes	
2002	Engineering S&H Self Inspection 11/6/90	Lead brick	Remove lead brick	Yes November 30, 1990
2002	Engineering S&H Self Inspection 11/6/90	Hose in sink from film proc.	Remove hose	
2004A	Engineering S&H Self Inspection 11/6/90	No room numbers for entrance 2024Q	Install room numbers	
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	First Aid kit order 9/90; not yet received		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	cannot see sprinklers in ceiling; will have fire department check		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	reports, papers, boxes need to be removed from underneath desks, tables, etc.		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	some old electrical outlet boxes still being used; we are replacing with the new WABER boxes		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	all electrical cords & wiring not in use must be removed; electricians have been notified (11/30) Unused conduit boxes will also be removed by electricians.		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	Sun computer is plugged into extension cord. Will find out if this is okay.		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	will notify carpenters shop on 11/30 to secure all file cabinets, bookshelves, etc., & to place chains across shelves		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	small heavy items on tops of shelves, file cabinets etc., will be secured with Velcro. Ordered on 11/30		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	photographic equipment (light fixture) & drafting board need to be secured (memo to carpenters shop 11/30/90)		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2024	Applied Science Pre-Tiger Self-Assessment 11/29/90	lock-down devices need to be attached to PC/s, Macs & printers - ordered 11/30/90		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment	lack of exit indicators		Cairns, E.J.
2024	Applied Science Pre-Tiger Self-Assessment	no local first-aid kits (ordered 9/90)		Cairns, E.J.
2024 common	Applied Science Pre-Tiger Self-Assessment	poor housekeeping		Cairns, E.J.
2024 Common	Applied Science Pre-Tiger Self-Assessment	no way to keep bookcase doors closed (carpenters notified 11/30/90)		Cairns, E.J.
2024A	Applied Science Pre-Tiger Self-Assessment	office not clean and orderly		Cairns, E.J.
2024B	Applied Science Pre-Tiger Self-Assessment	papers on shelf, under table		Cairns, E.J.
2024C	Applied Science Pre-Tiger Self-Assessment	no lips/chains on bookcase (carpenters notified 11/30/90)		Cairns, E.J.
2024oom mon	Applied Science Pre-Tiger Self-Assessment	papers and boxes under table		Cairns, E.J.
2024P	Applied Science Pre-Tiger Self-Assessment	Sun workstations on extension		Cairns, E.J.
2024P, 2024D	Applied Science Pre-Tiger Self-Assessment	old outlet boxes (currently being replaced)		Cairns, E.J.
2024G	Engineering S&H Self Inspection 11/6/90	Need to secure cabinet by door	Secure cabinet	Yes December 3, 1990
2024G	Engineering S&H Self Inspection 11/6/90	Material on all cabinets	Remove material on all cabinets	
2024G	Engineering S&H Self Inspection 11/6/90	Needs to secure all cabinet paper	Secure all cabinets	
2024G	Engineering S&H Self Inspection 11/6/90	Check floor load	Secure floor load	
2024G	Engineering S&H Self Inspection 11/6/90	Need to secure light shield	Secure light shield	
2024G	Engineering S&H Self Inspection 11/6/90	Needs to secure long files	Secure long files	
2048	Engineering S&H Self Inspection 11/6/90	Needs to secure fan	Secure fan	
2048	Engineering S&H Self Inspection 11/6/90	Lips on books shelves	Install lips shelves	
2048	Engineering S&H Self Inspection 11/6/90	MSDS		
2048	Engineering S&H Self Inspection 11/6/90	Fire material under desk	Rmove fire material	
2053	Administration OSHA	EQUIP NO SECURED	secure	
2056	Engineering S&H Self Inspection 11/6/90	Daisy chained weber boxes		
2058 & West stairway	Engineering LBL Fire Inspection 8/14/90	EXIT signs require relamping.	Arrange for relamping of EXIT signs.	A. Stenvold
206	Administration OSHA	NO LIPS ON SHELVES	install	
2063	Engineering S&H Self Inspection 11/6/90	Material on top of cabinet	Remove material on top of cabinet	Yes December 20, 1990
2063	Engineering S&H Self Inspection 11/6/90	Need to secure cabinet by door	Secure cabinet by door	Yes December 20, 1990
2063C	Engineering S&H Self Inspection 11/6/90	Secure cabinets	Secure cabinets	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2083C	Engineering SAH Self Inspection 11/6/90	Secure Fan	Secure Fan	
2085	Engineering SAH Self Inspection 11/6/90	Center pair of door. No shelves, stuff would fall in aisle	Install lip on shelves or add tie downs	
2085	Engineering SAH Self Inspection 11/6/90	Water cooler not secure	Secure water cooler	Yes December 20, 1990
2085	Engineering SAH Self Inspection 11/6/90	Brick - Excess shelves on top	Remove	Yes December 20, 1990
2085	Engineering SAH Self Inspection 11/6/90	Fire extinguisher out of date	Update fire extinguisher	Yes December 20, 1990
2085	Engineering SAH Self Inspection 11/6/90	Sink needs GFI	Sink needs GFI	
2085	Engineering SAH Self Inspection 11/6/90	Sink needs Handle	Install handle	
2085	Engineering SAH Self Inspection 11/6/90	Sink needs clean-up	Clean-up sink	
2085	Engineering SAH Self Inspection 11/6/90	Need to secure water bottle	Secure water bottle	Yes December 20, 1990
2085	Engineering SAH Self Inspection 11/6/90	Cover on K & E is loose	Secure K & E	
2085	Engineering SAH Self Inspection 11/6/90	Spare bulb by window		Yes December 20, 1990
2085	Engineering SAH Self Inspection 11/6/90	Flammable Liquid	Remove flammable liquid	
2085	Engineering SAH Self Inspection 11/6/90	Poison in cabinet	Remove poison in cabinet	
2085	Engineering SAH Self Inspection 11/6/90	Phone Box - West		
2085	Engineering SAH Self Inspection 11/6/90	Fire material under desk		
2086	Engineering SAH Self Inspection 11/6/90	Fire material under desk	Remove fire material	Yes December 20, 1990
2087	Engineering SAH Self Inspection 11/6/90	Food storage on refrigerator	Remove storage on refrigerator	Yes December 20, 1990
2087	Engineering SAH Self Inspection 11/6/90	MSDS toner		
2087	Engineering SAH Self Inspection 11/6/90	Secure paper in cabinet	Secure paper in cabinet	
2078	Engineering SAH Self Inspection 11/6/90	Fire material side of desk.	Remove material.	
2078	Engineering SAH Self Inspection 11/6/90	Need to secure hanging plant	secure hanging plant	
2078	Engineering SAH Self Inspection 11/6/90	Needs lips on shelves	Install lips on shelves	Yes December 20, 1990
2082	Engineering SAH Self Inspection 11/6/90	Personal "Fan Box" has metal case and 2 wires cable	Take or add 3 wire grounded cord	
2085	Engineering LBL '90 Elec. Insp. 1/5/90	Extension cord through duct to equipment on column shelf.	Wire equipment to code.	A. Stenvold
2091A	Engineering SAH Self Inspection 11/6/90	Cover base plates - general	Install covers	
2084	Engineering SAH Self Inspection 11/6/90	Needs latch, schedule and numbers on power box (91C)	Install latch, schedule and numbers on power box	
20A	Administration OSHA	SPEAKERS, MICROPHONES, TV & RADIOS NOT SECURED	secure	Yes November 2, 1990 Neilsen, D.
20A	Administration OSHA	NO LIP ON TOP OF STORAGE CABINET	install	
20A	Administration OSHA	OLD "GREY" EXTENSION CORD BOX - NO GROUNDED CONNECTOR	replace	Yes November 2, 1990 Neilsen, D.
20B	Administration Electrical 1/5/90	Breakers not identified on computer rack.	label	
21	Engineering SAH Self Inspection 11/6/90	No employee posting regarding OSHA Industrial Welfare Commission, Discrimination, etc	Post OSHA poster for all employees to see. -Posted on public bulletin board outside 90/2148.	Yes November 6, 1990

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2108	Engineering SAH Self Inspection 11/6/90	Fire material under drafting table	Remove fire material	
2108	Engineering SAH Self Inspection 11/6/90	Floor plug identification	Identify floor plug	
2108	Engineering SAH Self Inspection 11/6/90	Cabinets have no lips on shelves and tops used for storage	Install lips on shelves and clean shelves.	Yes December 20, 1990
2108	Engineering SAH Self Inspection 11/6/90	Needs lips on shelves	Install lips on shelves	Yes December 20, 1990
2108	Engineering SAH Self Inspection 11/6/90	Books on top of cabinets	Remove books	
2108	Engineering SAH Self Inspection 11/6/90	Fire material under desk	Remove material under desk	
2108	Engineering SAH Self Inspection 11/6/90	Metal cans under desk	Remove metal cans	
2108	Engineering SAH Self Inspection 11/6/90	Lead bricks	Remove lead bricks	
2108	Engineering SAH Self Inspection 11/6/90	Lead bricks sharpener (2ea)	Remove lead bricks sharpener	
2108	Engineering SAH Self Inspection 11/6/90	MSDS		
2108	Engineering SAH Self Inspection 11/6/90	Fire material under drafting table	Remove fire material	
2110	Engineering SAH Self Inspection 11/6/90	Material above ceiling (asbestos)	Remove ceiling (asbestos)	
2110A	Engineering SAH Self Inspection 11/6/90	Box under desk	Remove box under desk	Yes December 21, 1990
2110A	Engineering SAH Self Inspection 11/6/90	Cabinet by door not secure	Secure cabinet	
2112	Engineering SAH Self Inspection 11/6/90	Ceiling tile ?		
2114	Engineering SAH Self Inspection 11/6/90	Cardboard on ceiling	Remove cardboard	
2116	Engineering SAH Self Inspection 11/6/90	Box on top shelf	Remove box on top shelf	
2124	Engineering SAH Self Inspection 11/6/90	Box on top shelves and general clean-up of fire material under desk	Remove box on top shelves and fire material under desk	Yes December 20, 1990
2128	Engineering SAH Self Inspection 11/6/90	Bookcase by door	Remove bookcase by door	Yes December 20, 1990
2132	Engineering SAH Self Inspection 11/6/90	Incorrect desk lamp	Install correct desk lamp	
2132	Engineering SAH Self Inspection 11/6/90	Fire material under desk	Remove fire material from under desk	Yes December 20, 1990
2132	Engineering SAH Self Inspection 11/6/90	Fan on top of cabinet	Remove fan from cabinet	Yes November 6, 1990
2136	Engineering SAH Self Inspection 11/6/90	Heater plugged into strip	Plug heater into wall socket. -Requested new outlet.	
2136	Engineering SAH Self Inspection 11/6/90	General Clean-up	Clean-up	
2137	Engineering SAH Self Inspection 11/6/90	Needs lips on shelves	Install lips on shelves	
2137	Engineering SAH Self Inspection 11/6/90	Paper on vent	Remove paper on vent	
2137	Engineering SAH Self Inspection 11/6/90	Boxes on top of cabinet	Remove boxes on top of cabinet	Yes November 6, 1990
2139	Engineering SAH Self Inspection 11/6/90	Needs label on phone box	Label phone box	
2139	Engineering SAH Self Inspection 11/6/90	MSDS on toner		
2142	Engineering SAH Self Inspection 11/6/90	Fire material under desk and side	Remove fire material	
2142	Engineering SAH Self Inspection 11/6/90	Cord behind cabinet	Remove cord behind cabinet	
2148	Engineering SAH Self Inspection 11/6/90	GFI and by sink	Install GFI by sink	

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
2148	Engineering S&H Self Inspection 11/6/90	Plant Secure	Secure plant	
28	Information and Computing Sciences United Energy Inspectn 11-27-90	Inadequate Housekeeping	Clean up	
28	Information and Computing Sciences United Energy Inspectn 11-27-90	Three unmarked bottles		
28	Information and Computing Sciences United Energy Inspectn 11-27-90	Paint and painting materials left behind	Remove	
27	Administration OSHA	NO LIPS ON SHELVES	install	
2nd floor West	Engineering LBL Fire Inspection 8/14/90	Drinking fountain and water cabinet - require bracing.	Arrange for bracing drinking fountain and water cabinet.	Yes November 16, 1990 A. Stenwold
3028	Applied Science Pre-Tiger Self-Assessment	worksites not clean and orderly		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	combustible materials will be removed from under desks		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	carpeting will be repaired using appropriate tape		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	All exposed terminals will be properly anchored		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	high shelf bookcases will be secured by methods TBD by carpentry staff		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	all "heavy" objects above 3' will be secured by velcro ordered from storeroom		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	all "heavy" objects above 3' will be secured by velcro ordered from storeroom		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	piles of paper will be stored or disposed of		Cairns, E.J.
3028	Applied Science Pre-Tiger Self-Assessment	contact C&M for evaluation of electrical systems (daisy chained power extensions eliminated)		Cairns, E.J.
3028 (Ann's)	Applied Science Pre-Tiger Self-Assessment	WABER outlet ordered from LBL stores		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	store all stuff on floor in bookcases		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	chains/lips on bookcase		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	secure bookcases		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	take stuff off top of bookcases		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	make sure heaters do not overload circuit		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	replace ceiling panels		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	velcro dolphin, camel, monitor		Cairns, E.J.
3034	Applied Science Pre-Tiger Self-Assessment	remove Gandolph box, cables		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3034	Applied Science Pre-Tiger Self-Assessment	clear stuff from top of wall furnace		Cairns, E.J.
3035	Applied Science Pre-Tiger Self-Assessment	tighten electrical outlet		Cairns, E.J.
3035	Applied Science Pre-Tiger Self-Assessment	remove old Gandolph box		Cairns, E.J.
3035	Applied Science Pre-Tiger Self-Assessment	move stuff off the floor		Cairns, E.J.
3035	Applied Science Pre-Tiger Self-Assessment	put chains or lips on bookshelf		Cairns, E.J.
3035	Applied Science Pre-Tiger Self-Assessment	bookcase to store boxes and papers		Cairns, E.J.
3036	Applied Science Pre-Tiger Self-Assessment	bolt down filing cabinets		Cairns, E.J.
3036	Applied Science Pre-Tiger Self-Assessment	order bookcases, store stuff on floor		Cairns, E.J.
3036	Applied Science Pre-Tiger Self-Assessment	cover telephone box		Cairns, E.J.
3036	Applied Science Pre-Tiger Self-Assessment	velcro monitor to PC, and PC to table		Cairns, E.J.
3036	Applied Science Pre-Tiger Self-Assessment	remove stuff from top of filing cabinet		Cairns, E.J.
3036	Applied Science Pre-Tiger Self-Assessment	replace ceiling panel		Cairns, E.J.
3037-A	Applied Science Pre-Tiger Self-Assessment	12/26/90 need advice during inspection on portable desk lamp		Cairns, E.J.
3037-A	Applied Science Pre-Tiger Self-Assessment	12/26/90 need to reroute & bundle wires to prevent trip hazard		Cairns, E.J.
3037-A	Applied Science Pre-Tiger Self-Assessment	12/26/90 install cover ... on bookshelf		Cairns, E.J.
3037C	Applied Science Pre-Tiger Self-Assessment	corda across floor need to be bundled		Cairns, E.J.
3037C	Applied Science Pre-Tiger Self-Assessment	remove boxes from underneath desk		Cairns, E.J.
3037C	Applied Science Pre-Tiger Self-Assessment	mount shaky computer stand		Cairns, E.J.
3037C	Applied Science Pre-Tiger Self-Assessment	heater connected to Haywarth; reconnected to 92A-4A-10, heater takes 12.5A/breaker is 20A		Cairns, E.J.
3037C	Applied Science Pre-Tiger Self-Assessment	cover telephone box		Cairns, E.J.
3037D	Applied Science Pre-Tiger Self-Assessment	move stuff off floor		Cairns, E.J.
3037E	Applied Science Pre-Tiger Self-Assessment	clean floor		Cairns, E.J.
3037E	Applied Science Pre-Tiger Self-Assessment	secure bookcase		Cairns, E.J.
3037E	Applied Science Pre-Tiger Self-Assessment	clean shelf between bookcases		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3037E	Applied Science Pre-Tiger Self-Assessment	cover telephone box		Cairns, E.J.
3038-A	Applied Science Pre-Tiger Self-Assessment 12/26/90	fire extinguisher training		Cairns, E.J.
3038-A	Applied Science Pre-Tiger Self-Assessment 12/26/90	general housekeeping - better storage of books, papers, etc.		Cairns, E.J.
3038-A	Applied Science Pre-Tiger Self-Assessment 12/26/90	general housekeeping - better storage of books, papers, etc.		Cairns, E.J.
3038-A	Applied Science Pre-Tiger Self-Assessment 12/26/90	general housekeeping - better storage of books, papers, etc.		Cairns, E.J.
3038-A	Applied Science Pre-Tiger Self-Assessment 12/26/90	general housekeeping - better storage of books, papers, etc.		Cairns, E.J.
3038/all	Applied Science Pre-Tiger Self-Assessment	Misc. items cluttering desktops, bookcases, file cabinets and floor.		Cairns, E.J.
3038/all, 3058/all	Applied Science Pre-Tiger Self-Assessment	Bookcases and file cabinets above 3' unsecured. Bookshelves above 4' contain unrestrained material.		Cairns, E.J.
3038A	Applied Science Pre-Tiger Self-Assessment	ceiling panel damaged		Cairns, E.J.
3038B	Applied Science Pre-Tiger Self-Assessment	minor clean-up required - papers/materials from bookcase top		Cairns, E.J.
3038B	Applied Science Pre-Tiger Self-Assessment	minor clean-up required - papers/materials from bookcase top		Cairns, E.J.
3038C	Applied Science Pre-Tiger Self-Assessment	hanging object from ceiling unsecured		Cairns, E.J.
3038C	Applied Science Pre-Tiger Self-Assessment	egress impeded		Cairns, E.J.
3057	Administration OSHA	EQUIP NOT SECURED	secure	
3058	INSTITUTIONAL Plant Ops-Self 11/30/90	NO REQUIRED EXIT CORRIDOR AT THIRD FLOOR	PROVIDE EXIT CORRIDOR THROUGH ROOM 3128	
3058, 3058B, 3038, 3038B	Applied Science Pre-Tiger Self-Assessment	extension cords in use not up to code		Cairns, E.J.
3058-B	Applied Science Pre-Tiger Self-Assessment 12/26/90	general clean-up required		Cairns, E.J.
3058-B	Applied Science Pre-Tiger Self-Assessment 12/26/90	general clean-up required		Cairns, E.J.
3058-B	Applied Science Pre-Tiger Self-Assessment 12/26/90	general clean-up required		Cairns, E.J.
3058-B	Applied Science Pre-Tiger Self-Assessment 12/26/90	replace with new type		Cairns, E.J.
3058-B	Applied Science Pre-Tiger Self-Assessment 12/26/90	need determination by qualified electrician, building-wide issue		Cairns, E.J.
3058-C	Applied Science Pre-Tiger Self-Assessment 12/26/90	need advice on electrical outlets from electrician, building-wide issue		Cairns, E.J.
3058-C	Applied Science Pre-Tiger Self-Assessment 12/26/90	minor clean-up required		Cairns, E.J.
3058-C	Applied Science Pre-Tiger Self-Assessment 12/26/90	minor clean-up required		Cairns, E.J.

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Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3058/all	Applied Science Pre-Tiger Self-Assessment	Misc. items cluttering desktops, bookcases, file cabinets and floor.		Cairns, E.J.
3058A, 3038C, 3038D, 3038E	Applied Science Pre-Tiger Self-Assessment	telephone box and/or wiring unsecured		Cairns, E.J.
3058C, 3038C	Applied Science Pre-Tiger Self-Assessment	unsecured wiring hanging from ceiling		Cairns, E.J.
3074	Applied Science Pre-Tiger Self-Assessment	Waber outlet boxes ordered from LBL storeroom on 11/29/90		Cairns, E.J.
3074-307 4A	Applied Science Pre-Tiger Self-Assessment	Velcro ordered from stores on 11/29/90. Need to secure plants, phones etc.		Cairns, E.J.
3074-308 3	Applied Science Pre-Tiger Self-Assessment	Request submitted to Floyd Poldrack, C&M 11/16/90 to install guards on bookshelves.		Cairns, E.J.
3074,308 0,3082,3 083	Applied Science Pre-Tiger Self-Assessment	Broken ceiling tiles, plastic light covers. Will notify C&M 11/30/90.		Cairns, E.J.
3074A	Applied Science Pre-Tiger Self-Assessment	Waber outlet boxes ordered from LBL storeroom on 11/29/90		Cairns, E.J.
3075	Applied Science Pre-Tiger Self-Assessment	general housekeeping		Cairns, E.J.
3075	Applied Science Pre-Tiger Self-Assessment	boxes on floor		Cairns, E.J.
3075	Applied Science Pre-Tiger Self-Assessment	lips on shelves		Cairns, E.J.
3075	Applied Science Pre-Tiger Self-Assessment	objects on top of shelves		Cairns, E.J.
3075	Applied Science Pre-Tiger Self-Assessment	secure house plants		Cairns, E.J.
3075	Applied Science Pre-Tiger Self-Assessment	secure house plants		Cairns, E.J.
3077	Applied Science Pre-Tiger Self-Assessment	12/26/90 need advice on electrical outlets from electrician - building-wide issue		Cairns, E.J.
3077	Applied Science Pre-Tiger Self-Assessment	12/26/90 need to bolt two file cabinets & one bookcase to walls		Cairns, E.J.
3078	Applied Science Pre-Tiger Self-Assessment	Waber outlet boxes ordered from LBL storeroom on 11/29/90		Cairns, E.J.
3080	Applied Science Pre-Tiger Self-Assessment	Waber outlet boxes ordered from LBL storeroom on 11/29/90		Cairns, E.J.
3083	Applied Science Pre-Tiger Self-Assessment	Waber outlet boxes ordered from LBL storeroom on 11/29/90		Cairns, E.J.
3088	Applied Science Pre-Tiger Self-Assessment	12/26/90 hole in floor in corner		Cairns, E.J.
3090	Applied Science Pre-Tiger Self-Assessment	unsecured terminals		Cairns, E.J.
3090	Applied Science Pre-Tiger Self-Assessment	paper stored on floors, bookcases, cabinets		Cairns, E.J.
3090	Applied Science Pre-Tiger Self-Assessment	file cabinet does not catch when closed		Cairns, E.J.
3090	Applied Science Pre-Tiger Self-Assessment	daisy chain		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3092	Applied Science Pre-Tiger Self-Assessment	unsecured 4' bookcases w/o chains on top shelf		Cairns, E.J.
3092	Applied Science Pre-Tiger Self-Assessment	unsecured terminals		Cairns, E.J.
3092	Applied Science Pre-Tiger Self-Assessment	heavy items on work surfaces unsecured		Cairns, E.J.
3092	Applied Science Pre-Tiger Self-Assessment	loose conduit box		Cairns, E.J.
3100	Applied Science Pre-Tiger Self-Assessment	no restraint on top shelves on bookcase		Cairns, E.J.
3100	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.
3100	Applied Science Pre-Tiger Self-Assessment	heavy items unsecured on work surfaces		Cairns, E.J.
3101	Applied Science Pre-Tiger Self-Assessment	unbolted 4' bookcases		Cairns, E.J.
3101	Applied Science Pre-Tiger Self-Assessment	wires hanging over wall		Cairns, E.J.
3101	Applied Science Pre-Tiger Self-Assessment	printer unsecured on file		Cairns, E.J.
3101	Applied Science Pre-Tiger Self-Assessment	paper storage on floor		Cairns, E.J.
3101	Applied Science Pre-Tiger Self-Assessment	heavy items on bookcases unsecured		Cairns, E.J.
3101	Applied Science Pre-Tiger Self-Assessment	terminals unsecured		Cairns, E.J.
3101, 3103, 3105,310 7, A3112,31 14	Applied Science Pre-Tiger Self-Assessment	glass in wall panels unsafe & not up to code - needs to be corrected at Lab/Division level - C&M & Plant Engineering are aware of problem.		Cairns, E.J.
3101, 3103, 3105,310 7, A3112,31 14	Applied Science Pre-Tiger Self-Assessment	glass in wall panels unsafe & not up to code - needs to be corrected at Lab/Division level - C&M & Plant Engineering are aware of problem.		Cairns, E.J.
3102	Applied Science Pre-Tiger Self-Assessment	unsecured carol on desk		Cairns, E.J.
3102	Applied Science Pre-Tiger Self-Assessment	unbolted 4' bookcase w/o chain on top shelf		Cairns, E.J.
3102	Applied Science Pre-Tiger Self-Assessment	unsecured heavy items on files, work surfaces		Cairns, E.J.
3103	Applied Science Pre-Tiger Self-Assessment	unbolted 4' bookcases		Cairns, E.J.
3103	Applied Science Pre-Tiger Self-Assessment	lan on bookcase		Cairns, E.J.
3103	Applied Science Pre-Tiger Self-Assessment	heavy items unsecured on worksurfaces		Cairns, E.J.
3103	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.
3104	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3104	Applied Science Pre-Tiger Self-Assessment	need more room for egress		Cairns, E.J.
3105	Applied Science Pre-Tiger Self-Assessment	room unlabeled		Cairns, E.J.
3105	Applied Science Pre-Tiger Self-Assessment	paper storage on floor		Cairns, E.J.
3105	Applied Science Pre-Tiger Self-Assessment	equipment storage on floor		Cairns, E.J.
3106	Applied Science Pre-Tiger Self-Assessment	need new, hardwired outlet		Cairns, E.J.
3106	Applied Science Pre-Tiger Self-Assessment	secure terminals, etc.		Cairns, E.J.
3106	Applied Science Pre-Tiger Self-Assessment	equipment unsecured on shelves over 3'		Cairns, E.J.
3107	Applied Science Pre-Tiger Self-Assessment	room unlabeled		Cairns, E.J.
3107	Applied Science Pre-Tiger Self-Assessment	terminals unsecured		Cairns, E.J.
3107	Applied Science Pre-Tiger Self-Assessment	hard drive unsecured		Cairns, E.J.
3107	Applied Science Pre-Tiger Self-Assessment	electrical		Cairns, E.J.
3108	Applied Science Pre-Tiger Self-Assessment	no restraint on bookshelf over 3'		Cairns, E.J.
3108	Applied Science Pre-Tiger Self-Assessment	heavy items on worksurfaces unsecured		Cairns, E.J.
3108	Applied Science Pre-Tiger Self-Assessment	storage on cabinets and worksurfaces		Cairns, E.J.
3108	Applied Science Pre-Tiger Self-Assessment	unsecured terminals, etc.		Cairns, E.J.
3108	Applied Science Pre-Tiger Self-Assessment	electrical in all rooms should be checked by a knowledgeable person		Cairns, E.J.
3110	Applied Science Pre-Tiger Self-Assessment	paper storage on floor, file cabinets, bookcases		Cairns, E.J.
3110	Applied Science Pre-Tiger Self-Assessment	heavy items on surfaces over 3'		Cairns, E.J.
3110	Applied Science Pre-Tiger Self-Assessment	file drawers do not catch when shut		Cairns, E.J.
3110	Applied Science Pre-Tiger Self-Assessment	unsecured terminal, disk drive		Cairns, E.J.
3110	Applied Science Pre-Tiger Self-Assessment	poor housekeeping		Cairns, E.J.
3111 area	Applied Science Pre-Tiger Self-Assessment	unsecured terminals, hard drives, printers		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	binders/phonebooks on shelf w/o lip or chain		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	coffee pots on unbolted bookcase over 3'		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3111 common area	Applied Science Pre-Tiger Self-Assessment	refrigerator not bolted to file in hall		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	heavy items on file in hall		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	6' pub's shelves slots open		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	boxes stored on floor		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	water supply outside 90-3032 unbolted		Cairns, E.J.
3111 common area	Applied Science Pre-Tiger Self-Assessment	no exit sign over doorway		Cairns, E.J.
3111 (w&D)	Applied Science Pre-Tiger Self-Assessment	belt down all 4' bookcases (not done previously because of using 5' on height)		Cairns, E.J.
3111A	Applied Science Pre-Tiger Self-Assessment	heavy items on work surfaces not secured		Cairns, E.J.
3111A	Applied Science Pre-Tiger Self-Assessment	remove heater		Cairns, E.J.
3111A	Applied Science Pre-Tiger Self-Assessment	daisy chain		Cairns, E.J.
3111A	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.
3111B	Applied Science Pre-Tiger Self-Assessment	paper stored horizontally on cabinets		Cairns, E.J.
3111B	Applied Science Pre-Tiger Self-Assessment	heavy equipment not secured to surfaces over 3'		Cairns, E.J.
3111B	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.
3111C	Applied Science Pre-Tiger Self-Assessment	heavy items not secured to work surfaces		Cairns, E.J.
3111C	Applied Science Pre-Tiger Self-Assessment	paper stored on floor		Cairns, E.J.
3111C	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.
3111D	Applied Science Pre-Tiger Self-Assessment	unsecured terminal		Cairns, E.J.
3111D	Applied Science Pre-Tiger Self-Assessment	heavy items on work surfaces unsecured		Cairns, E.J.
3111D	Applied Science Pre-Tiger Self-Assessment	paper storage on floor		Cairns, E.J.
3111D	Applied Science Pre-Tiger Self-Assessment	chair stored under table		Cairns, E.J.
3111E	Applied Science Pre-Tiger Self-Assessment	remove boxes of research materials on floor (Selkowitz to check)		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	equipment storage on floor under desks		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3112A/B	Applied Science Pre-Tiger Self-Assessment	equipment storage on shelves over 3'		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	secure terminals		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	unbolted bookcase and unchained top shelf		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	storage behind bookcase		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	horizontal paper storage on top of bookcase		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	fan unsecured over 3'		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	storage on floor		Cairns, E.J.
3112A/B	Applied Science Pre-Tiger Self-Assessment	old metal electrical strip		Cairns, E.J.
3114	Applied Science Pre-Tiger Self-Assessment	11/29/90 boxes & papers stored on floors, under desks & tables		Cairns, E.J.
3114	Applied Science Pre-Tiger Self-Assessment	bolt bookcase by door		Cairns, E.J.
3114	Applied Science Pre-Tiger Self-Assessment	secure terminal		Cairns, E.J.
3114	Applied Science Pre-Tiger Self-Assessment	replace metal electrical strip		Cairns, E.J.
3114	Applied Science Pre-Tiger Self-Assessment	clean up electrical		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	items on top of file cabinets need to be moved inside or fastened with Velcro		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	uncovered conduit hole		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	large table unbolted		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	light source on table unsecured		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	equipment stored on floor and on cabinets		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	paper stored on floor		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	cord running across center of floor		Cairns, E.J.
3119	Applied Science Pre-Tiger Self-Assessment	no latch on one filing cabinet		Cairns, E.J.
3124	Applied Science Pre-Tiger Self-Assessment	11/29/90 outlet boxes are daisy-chained		Cairns, E.J.
3124	Applied Science Pre-Tiger Self-Assessment	11/27/90 illegal refrigerator - should be removed		Cairns, E.J.
3124 cubicle	Applied Science Pre-Tiger Self-Assessment	11/29/90 remove unused door & replace with wood partition		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
3124,3120 open areas & cubicles	Applied Science Pre-Tiger Self-Assessment 11/29/90	Request sub. to F. Poldrack, C&M 11/30 to install guards on bookcases, carrel bolted to desk, hole in pillar fixed (outside 3124), secure bookcase -coatstand, have Hayworth partition fixed, mount heater, secure mailboxes and fix hole in ceiling		Cairns, E.J.
3124,3120 open areas & cubicles	Applied Science Pre-Tiger Self-Assessment 11/29/90	Request submitted to Electrician's Shop to secure loose wiring, replace cover plates (outside 3124), cap-off conduit on old telephone line.		Cairns, E.J.
3124,3120 open areas & cubicles	Applied Science Pre-Tiger Self-Assessment 11/29/90	general housekeeping: remove paper/reports from floor, place recycling boxes at least 4" from floor, remove paper beneath tables/desks, remove items from top of shelves unless secured w/ Velcro, remove piles of desk papers & store vertically in pamphlet boxes, secure plants w/Velcro, secure		Cairns, E.J.
3124,3120 open areas & cubicles	Applied Science Pre-Tiger Self-Assessment 11/29/90	ordered lock-down devices for all computer terminals & printer on 11/30		Cairns, E.J.
3130	Applied Science Pre-Tiger Self-Assessment	secure Imagen laser printer, computer terminal (southwest corner of room)		Cairns, E.J.
3145-7	Applied Science Pre-Tiger Self-Assessment	secure all cabinetry and freestand partitions to ceilings, walls, floors, drill cabinetry/install safety chains		Cairns, E.J.
3145-7	Applied Science Pre-Tiger Self-Assessment	replace metal outlet strips with Waber safety strip, (ordered 11/28/90)		Cairns, E.J.
3145-7	Applied Science Pre-Tiger Self-Assessment	secure small objects to work spaces with Velcro strips, (ordered 11/28/90)		Cairns, E.J.
3145-7	Applied Science Pre-Tiger Self-Assessment	first-aid kit needed, (ordered 11/28/90)		Cairns, E.J.
3145/7	Applied Science Pre-Tiger Self-Assessment	remove old electrical boxes from floor and cover holes w/metal plates; secure cords hanging from ceilings/walls and floor		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	who is responsible for instructions on use of fire extinguisher in hallway?		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	Deb Hopkins' cubicle needs housekeeping		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	width of passageway into Hopkins cubicle needs to be increased		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	two 2" holes in floor where old phone cables used to be		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	Are we really supposed to know where breaker panels are on all floors of Bldg 90?		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	bookcase lips required		Cairns, E.J.
3147	Applied Science Pre-Tiger Self-Assessment	proximity of wheelchair bound employee's office to main corridor (15') in case of emergency evacuation		Cairns, E.J.
4036,34, 48 4128C,41 29L	Applied Science Pre-Tiger Self-Assessment 11/28/90	illegal power strip		Cairns, E.J.
4048 corridor	Applied Science Pre-Tiger Self-Assessment 11/28/90	missing electrical cover plate		Cairns, E.J.
4128J,K & 4130	Applied Science Pre-Tiger Self-Assessment 11/26/90	boxes of books, paper etc on floor (bookcases ordered)		Cairns, E.J.
4128J,K, L 4108	Applied Science Pre-Tiger Self-Assessment 11/26/90	papers on top of bookcases		Cairns, E.J.

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Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4126K,41 26L 26H,26M 26F	Applied Science Pre-Tiger Self-Assessment 11/28/90	missing electrical cover plate		Cairns, E.J.
4126P	Applied Science Pre-Tiger Self-Assessment 11/26/90	disposal of toner cartridges		Cairns, E.J.
4128G,31 G,31E, 26A,4036 4040	Applied Science Pre-Tiger Self-Assessment 11/28/90	unsecured plants >3' high		Cairns, E.J.
4128H	Applied Science Pre-Tiger Self-Assessment 11/28/90	daisy chained extension cords		Cairns, E.J.
4129, 4131	Applied Science Pre-Tiger Self-Assessment	need employee training in fire protection		Cairns, E.J.
4129-C	Applied Science Pre-Tiger Self-Assessment 11/21/90	tie-down 1 bookcase, replace outlet		Cairns, E.J.
4129-E	Applied Science Pre-Tiger Self-Assessment 11/24/90	plants need to be secured		Cairns, E.J.
4129-F	Applied Science Pre-Tiger Self-Assessment 11/24/90	bulletin board needs to be secured		Cairns, E.J.
4129-G	Applied Science Pre-Tiger Self-Assessment 11/24/90	plants need to be secured		Cairns, E.J.
4129-I	Applied Science Pre-Tiger Self-Assessment 11/21/90	tie-down 2 bookcases, replace outlet (attach carrel to desk)		Cairns, E.J.
4129-L	Applied Science Pre-Tiger Self-Assessment 11/21/90	tie-down 3 bookcases		Cairns, E.J.
4129-M& H 4131-A& F	Applied Science Pre-Tiger Self-Assessment	papers under desks		Cairns, E.J.
4129-N	Applied Science Pre-Tiger Self-Assessment 11/21/90	tie-down file cabinet & 2 bookcases		Cairns, E.J.
4131-F 4129-M	Applied Science Pre-Tiger Self-Assessment	papers on top of bookshelves		Cairns, E.J.
4131-F,E 4129-M, H,G,K 4130-A	Applied Science Pre-Tiger Self-Assessment	tie-down bookcases & file cabinets		Cairns, E.J.
4131-F Hall	Applied Science Pre-Tiger Self-Assessment	boxes in hall		Cairns, E.J.
4131-F& A 4129-H	Applied Science Pre-Tiger Self-Assessment	papers under desks/ tables		Cairns, E.J.
4131b	Applied Science Pre-Tiger Self-Assessment 11/21/90	tie-down file cabinet & 5 bookcases		Cairns, E.J.
4131B,41 26P, 4128N,41 28B	Applied Science Pre-Tiger Self-Assessment 11/28/90	illegal power strip		Cairns, E.J.
4131F, outside 4133,26K & 4032,46A	Applied Science Pre-Tiger Self-Assessment 11/28/90	aisles partially blocked		Cairns, E.J.
4133	Applied Science Pre-Tiger Self-Assessment 11/26/90	Exit Light over stairway is unlit		Cairns, E.J.
4133	Applied Science Pre-Tiger Self-Assessment 11/26/90	no info received from Safety Committee		Cairns, E.J.

BUILDING: 90

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
4133	Applied Science Pre-Tiger Self-Assessment 11/26/90	no extinguisher/fire protection training received		Cairns, E.J.
4133	Applied Science Pre-Tiger Self-Assessment 11/26/90	no emergency lighting at exit		Cairns, E.J.
4133,410 8 4000	Applied Science Pre-Tiger Self-Assessment 11/28/90	wiring across floor		Cairns, E.J.
4133hall	Applied Science Pre-Tiger Self-Assessment 11/28/90	'Exit' sign in hall unlit		Cairns, E.J.
4th floor	Applied Science Pre-Tiger Self-Assessment 11/26/90	do not know locations of breaker panels on all floors, but do know for 4th floor		Cairns, E.J.
4th floor	Applied Science Pre-Tiger Self-Assessment 11/28/90	lip guards on bookshelves		Cairns, E.J.
4th floor	Applied Science Pre-Tiger Self-Assessment 11/28/90	unsecured bookcases, etc.		Cairns, E.J.
4th floor	Applied Science Pre-Tiger Self-Assessment 11/28/90	books, boxes, etc. on cases		Cairns, E.J.
4th Floor all	Applied Science Pre-Tiger Self-Assessment 11/28/90	boxes, etc. on top of shelves		Cairns, E.J.
4th Floor all	Applied Science Pre-Tiger Self-Assessment 11/28/90	boxes, etc. under tables		Cairns, E.J.
4th Floor all	Applied Science Pre-Tiger Self-Assessment 11/28/90	misc. points: ceiling tiles missing; unlabeled plant sprayers, telephone jack boxes loose; loose electrical cables; labels needed for sinks, refrigerator; restrooms need GFI receptacles		Cairns, E.J.
4thfl. entry corridor	Applied Science Pre-Tiger Self-Assessment 11/28/90	stacked chairs for 4133		Cairns, E.J.
7	Information and Computing Sciences United Energy Inspectn 11-27-90 11-27-90	Inadequate Housekeeping	Clean up	
7	Information and Computing Sciences United Energy Inspectn 11-27-90 11-27-90	Improper storage of gallon can of alcohol in sink	Remove	
7	Information and Computing Sciences United Energy Inspectn 11-27-90 11-27-90	Unidentified bottle in outside air-well (brown and green top)	Dispose	
7	Information and Computing Sciences United Energy Inspectn 11-27-90 11-27-90	Can of alcohol (1 gallon) left in sink	Remove	
7	Information and Computing Sciences United Energy Inspectn 11-27-90 11-27-90	Full ashtray indicates smoking in room with flammables		
all 4th F1	Applied Science Pre-Tiger Self-Assessment 11/28/90	housekeeping in worksites		Cairns, E.J.
all 4th F1 4030-413 1	Applied Science Pre-Tiger Self-Assessment 11/28/90	housekeeping in worksites		Cairns, E.J.
Batt Rm	Engineering S&H Self Inspection 11/6/90	GFI		
Batt Rm	Engineering S&H Self Inspection 11/6/90	Holes in tiles	Replace tiles	
Batt Rm	Engineering S&H Self Inspection 11/6/90	Update 92A-2A panels		
common areas	Applied Science Pre-Tiger Self-Assessment 11/26/90	bookcases/file cabinets to be tied-down (order placed w/ C&M)		Cairns, E.J.

BUILDING: 90

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
common areas	Applied Science Pre-Tiger Self-Assessment 11/26/90	no waste cans for toners		Cairns, E.J.
common areas	Applied Science Pre-Tiger Self-Assessment 11/26/90	we are unable to determine if office wiring is sufficient for office needs		Cairns, E.J.
Hallway	EPH&S OSHA 6/25/90	Exit light	Referred to C&M	Sealy
none	INSTITUTIONAL PE/Kaiser I 11/26/90	"The Design Management Procedures manual assigns responsibility for environmental safety and health hazard evaluation to project architect/engineer on Form RD 4.2. Same responsibility is assigned to EHS Dept. in Chart "Fig 2-5." Technical safety review"	"Current review is based on design code requirements by design engineer and not OSHA, NFPA 101 Standards. This task should be assigned to a knowledgeable staff member to do independent safety review."	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No lock on drain valve.	Install a lockable drain valve.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	LV terminal compartment transition section has unused electrical fitting that should be removed and the hole sealed.	Remove fitting and seal the hole.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Exit lights have old ballasts and broken sockets.	New parts are on order and will be installed.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Transformer not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Panelboard not labeled.	Install an Equipment Number Label.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.	
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Improper parking in front of Bldg. 90.	Reduce Orange Circle parking; restripe front entrance; post lower loading dock.	
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Vehicles back up into pedestrian path from east side parking area.	Correct unsafe condition. Install bollards.	
none	INSTITUTIONAL Plant Ops-Self 8/3/89	Structural & non-structural, such as suspended ceiling, lights & duct work are not seismically secured.	Validated FY91 project awaiting funding to start engineering of rehabilitation.	
rear stairwell	Applied Science Pre-Tiger Self-Assessment 11/28/90	closed due to painting		Cairns, E.J.
space	Applied Science Pre-Tiger Self-Assessment	put stuff on cabinets in file holder		Cairns, E.J.
space	Applied Science Pre-Tiger Self-Assessment	fix strip on fire escape door		Cairns, E.J.
space	Applied Science Pre-Tiger Self-Assessment	cover telephone box		Cairns, E.J.
space	Applied Science Pre-Tiger Self-Assessment	velcro printer		Cairns, E.J.
space	Applied Science Pre-Tiger Self-Assessment	order bookcase for printer materials		Cairns, E.J.
Storage	Engineering SAH Self Inspection 11/6/90	Fire material under desk	Remove fire material	
Storage	Engineering SAH Self Inspection 11/6/90	Lead brick	Remove lead brick	
Storage	Engineering SAH Self Inspection 11/6/90	Lead brick	Remove lead brick	

BUILDING: 90 Trailers

none	INSTITUTIONAL Plant Ops-Self 11/30/90	PE office area/wood deck-Slippery when let, frost & pine needles accumulations. Area is also a slipping hazard	Provide a non-skid mat (or stick on) on a designated walkway connecting the office trailers & clean-up crews should be called if pine needles have to be removed	

BUILDING: 90/76

none	INSTITUTIONAL Plant Ops-Self 11/30/90	Sanitary sewer system connected to storm drain creates potential for sewage to contaminate storm drains & local environment in rainstorm.	B76 & B90 have been corrected but other bldgs are suspected to have similar potential, survey site bldgs & initiate repair	

BUILDING: 901

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
BUILDING: 901				
MEZZ	Administration OSHA	SKYLIGHT LOAD SCREENS REQUIRED?	evaluate	
NONE	Administration OSHA	NO CERTIFICATION OF FIRE ALARM SYSTEM ON FILE	obtain	
NONE	Administration OSHA	IS CIRCULAR STAIRCASE OK? Institutional Responsibility	evaluate	
NONE	Administration OSHA	2 ELECTRICAL BOX 84B COVERS MISSING (@ SPRINKLER SYSTEM WALL)	install	
NONE	Administration OSHA	EXPOSED TELEPHONE JUNCTION BOXES (MEN'S ROOM)	repair	
None	Administration Livermore 11/14/90	No Secondary Containment	Evaluate	
None	Administration Livermore 11/14/90	Lockout devices needed on Electric Panel	repair	
None	Administration Livermore 11/14/90	Loose Wires	remove	
None	Administration Livermore 11/14/90	Bench obstructs security system panel access	Move Bench	
None	Administration Livermore 11/14/90	GFI's at Bottle Water Sink	install	
None	Administration Livermore 11/14/90	Electrical Panel Cover Missing	repair	
None	Administration Livermore 11/14/90	Knockout holes in junction boxes	repair	
None	Administration Livermore 11/14/90	Sign: Metal ladders need Electrical Labels	repair	
None	Administration Livermore 11/14/90	Fire Extinguisher needed sign by post	post sign	
None	Administration Livermore 11/14/90	Pumps with Oil unmarked	mark	
None	Administration Livermore 11/14/90	Lathe Leaking Oil	correct	
None	Administration Livermore 11/14/90	PCB on Crate	correct	
None	Administration Livermore 11/14/90	Curved Panel in Floor Missing	Get job order	
None	Administration Livermore 11/14/90	Rear Door Exit is Roll Up Door	Evaluate	
None	Administration Livermore 11/14/90	Doors Blocked by Storage	Evaluate	
None	Administration Livermore 11/14/90	Block stairs at rear of Warehouse	Block	
None	Administration Livermore 11/14/90	MSDS for Cleaning Chemicals near Men's Room	Obtain MSDS's	
None	Administration Livermore 11/14/90	Mezz Exit stairway not marked	Hang sign	
None	Administration Livermore 11/14/90	Secure pallet-boxes from falling from Mezzanine	Nail down & Install 1/4	
None	Administration Livermore 11/14/90	Pipe adjacent to Spiral staircase uncapped	should be capped	
None	Administration Livermore 11/14/90	Sign: Truck Trailers signs Full/Empty missing	post signs	
None	Administration Livermore 11/14/90	External lock needed for Earth Science Camper	install lock	
None	Administration Livermore 11/14/90	Storage access: gate to Mezz.	remove handle & post caution sign	
None	Administration Livermore 11/14/90	Additional Fire Extinguishers needed	obtain	
None	Administration Livermore 11/14/90	Label: Vent Pipe	label	
None	Administration Livermore 11/14/90	Plank on Trusses	remove	
None	Administration Livermore 11/14/90	Thermostat Cover Missing	Install cover	

BUILDING: 901

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
None	Administration Livermore 11/14/90	Valves Unidentified	Identify	
None	Administration Livermore 11/14/90	Telephone junction box & power supply unprotected	protect	
None	Administration Livermore 11/14/90	Support Column is Split	Evaluate	
None	Administration Livermore 11/14/90	Cross beams at vendor truck arrival area	evaluate	
None	Administration Livermore 11/14/90	Evidence of past oil spill	Decontaminate	
None	Administration Livermore 11/14/90	Unprotected propane tank storage in truck well.	Evaluate	
None	Administration Livermore 11/14/90	Gasoline Engine w/ Tank - OK?	Evaluate	
None	Administration Livermore 11/14/90	Lunchroom & Office Doors Swing/Egress	Evaluate	
None	Administration Livermore 11/14/90	Sign: 2 more Load Limit Signs needed	Install	
None	Administration Livermore 11/14/90	Roll up door buttons - unmarked	Mark	
None	Administration Livermore 11/14/90	Gate for forklift access not secured, no signs posted	Secure Gate - post signs	
None	Administration Livermore 11/14/90	Rope railing about perimeter of front mezz level	install	
None	Administration Livermore 11/14/90	Only one extinguisher for mezz, brooms stored around	Add Extinguisher- Relocate brooms	
None	Administration Livermore 11/14/90	Loose wire by shelving, between two separate sections	Remove	
None	Administration Livermore 11/14/90	Unprotected & unlabeled copper vent pipe	Protect/ label	
None	Administration Livermore 11/14/90	Piece of wood laying across trusses 2x6x14	Remove	
None	Administration Livermore 11/14/90	Round stairway railing is weak	Evaluate	
None	Administration Livermore 11/14/90	Thermostat cover is off, near stairs	Duplicate Entry APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
None	Administration Livermore 11/14/90	Pipe is uncapped and rusting near stairs	Duplicate Entry APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
None	Administration Livermore 11/14/90	Unknown valves are not labelled, by Gabe's desk	Duplicate Entry APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
None	Administration Livermore 11/14/90	Refrigerator not bolted down in conference room	secure	
None	Administration Livermore 11/14/90	telephone equipment unprotected	protect	
None	Administration Livermore 11/14/90	Lunchroom door should open outward	Evaluate	
None	Administration Livermore 11/14/90	Charcoal lighter in SW Room	Remove	
None	Administration Livermore 11/14/90	Cabinet in SW Room not bolted nor inventoried	Bolt/Inventory	
None	Administration Livermore 11/14/90	MSDS's on Soaps, etc (NEED ID'S)	Obtain	
None	Administration Livermore 11/14/90	901 propane storage in truck well, must go outside	Duplicate Entry APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
None	Administration Livermore 11/14/90	901 & 901A Elec Roll up Doors Op Buttons must be posted	mark	
None	Administration Livermore 11/14/90	Pallets leaning against racks on edges	relocate	
None	Administration Livermore 11/14/90	Tag 26218 Gas Engine with Tank. Gas in Tank? Inside OK?	duplicate entry APPROVED FOR REMOVAL BY _____	Yes December 4, 1990

BUILDING: 901

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
None	Administration Livermore 11/14/90	Roll up Doors should be Marked "Not Exit"?	evaluate	
None	Administration Livermore 11/14/90	Need more load limit signs on mezzanine	install signs	
None	Administration Livermore 11/14/90	Elec Box cover at Rollup Door by West Mandoor is too large	correct	
None	Administration Livermore 11/14/90	Pallet Rack Arm Leaning Against Back Wall of Warehouse	Correct	
None	Administration Livermore 11/14/90	Papers piled on floor in SW room	correct	
None	Administration Livermore 11/14/90	Refrigerator in Lunchroom need stickers . . Food Only. . Not Exp Proof	Label	
None	Administration Livermore 11/14/90	Plastic Jug, Large, not labeled in SW Room	Label	
None	Administration Livermore 11/14/90	Cabinet in lunchroom not bolted or identified	Bolt/identify	

BUILDING: 901A

None	Administration Livermore 11/14/90	Doors Blocked by Storage,	Evaluate	
None	Administration Livermore 11/14/90	Florescent lights in fixtures unrestrained	retrain	
None	Administration Livermore 11/14/90	Chairs & C&M Furniture not strapped	strap	
None	Administration Livermore 11/14/90	Hole in Sheet Rock thru forklift door	repair	
None	Administration Livermore 11/14/90	Rack not bolted to fire pipe stand	bolt	
None	Administration Livermore 11/14/90	Broken pallets	replace	
None	Administration Livermore 11/14/90	Heavy items high on racks	Place lower on racks Strap to pallet	
None	Administration Livermore 11/14/90	Wooden pallet storage too high	Evaluate	
None	Administration Livermore 11/14/90	Seismic: Shelving not EQ resistant	Bolt	
None	Administration Livermore 11/14/90	Shelving not bolted	bolt	
None	Administration Livermore 11/14/90	Unsafe electrical cord/plug strip at desk area	repair	
None	Administration Livermore 11/14/90	GFI required at water bottle, near desks	install	
None	Administration Livermore 11/14/90	Fork lift needs loads capacity, GVW, and possibly X-ray	evaluate	
None	Administration Livermore 11/14/90	Chains: Lift \$250 value, radio/hazard or 75% lift cap.	evaluate	
None	Administration Livermore 11/14/90	Desk area post - missing extinguisher & inaccessible	correct	
None	Administration Livermore 11/14/90	Definition of back exit	Evaluate	
None	Administration Livermore 11/14/90	Loose wire next pool to roll up door (telephone)	remove	
None	Administration Livermore 11/14/90	Dryzit needs to be cleaned-up	clean up	
None	Administration Livermore 11/14/90	Film & Chemicals stored unsafely in shelving.	relocate	
None	Administration Livermore 11/14/90	Racks cross member not bolted through out	bolt	
None	Administration Livermore 11/14/90	Florescent tubes need tie downs	install	
None	Administration Livermore 11/14/90	Strapping required on all top pallets	install	
None	Administration Livermore 11/14/90	Objects are not stored securely	relocate	
None	Administration Livermore 11/14/90	Heavy objects need to be stored at lower rack levels	relocate	

BUILDING: 901A

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
None	Administration Livermore 11/14/90	Insufficient support under pallets (2 instead of 3)	add support	
None	Administration Livermore 11/14/90	Alternative pallet support on racks, eg. metal mesh	evaluate	
None	Administration Livermore 11/14/90	Magnesium located rack C-20 , storage 27854	remove	
None	Administration Livermore 11/14/90	Dry Imager & Kodak Fixer needs to be labelled	label	
None	Administration Livermore 11/14/90	Vacuum/Sweeper needs to be stored outside (battery)	store outside	
None	Administration Livermore 11/14/90	Asbestos Brake Drums	evaluate	
None	Administration Livermore 11/14/90	Access required between racks at end of wall (3')	clear	
None	Administration Livermore 11/14/90	Walkway between racks, B-C & D-E is questionable	evaluate	
None	Administration Livermore 11/14/90	Inventory list of possible chemicals stored in locked cabinet, near desk area, and needs bolting down.	Inventory/bolt	
None	Administration Livermore 11/14/90	Identification of what various tanks held or used for.	Identify	
None	Administration Livermore 11/14/90	Tires stored unsafely (F-11)	relocate	
None	Administration Livermore 11/14/90	Black barrel needs identification of substance (F-7)	Identify/label	
None	Administration Livermore 11/14/90	Methylene chloride (3ea 55 gal drums) needs disposition	Dispose	
None	Administration Livermore 11/14/90	Extinguisher at rack F1 not accessible.	Clear	
None	Administration Livermore 11/14/90	Roll-up door way not accessible	Clear	
None	Administration Livermore 11/14/90	All extinguishers need to be ABC type	Obtain	
None	Administration Livermore 11/14/90	Identify Waste Hazard drums as empty.	label	
None	Administration Livermore 11/14/90	Pallet inserts can not be 4x4 need mesh steel	Install mesh	
None	Administration Livermore 11/14/90	Tire box pallet falling down	correct	
None	Administration Livermore 11/14/90	General Housekeeping, Pallets leaning, dirty floor	correct	
None	Administration Livermore 11/14/90	Holes in sheetrock against fire codes	repair	
None	Administration Livermore 11/14/90	Chairs on pallets need to be strapped	strap	
None	Administration Livermore 11/14/90	Repositories on upper racks. Must be lowered to floor	lower	
None	Administration Livermore 11/14/90	Need M.T. Labels on all stored cans	label	
None	Administration Livermore 11/14/90	Can of Absorb near mandoor. . not identified	label	
None	Administration Livermore 11/14/90	Exit Signs, Emergency Lights	evaluate	
None	Administration Livermore 11/14/90	Rack by 901/901A pass thru door not earthquake	secure	
None	Administration Livermore 11/14/90	Storage bins not earthquake	secure	
None	Administration Livermore 11/14/90	MSDS req on all chemicals in 901A	obtain	
None	Administration Livermore 11/14/90	Pipes and heavy materials on high pallets not strapped	strap	
None	Administration Livermore 11/14/90	901A old mandoor (not used) still has fire exit marked	mark "not an exit"	
None	Administration Livermore 11/14/90	Old style pallet racks must be drilled and bolted (open pins)	correct	

BUILDING: 901A

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
None	Administration Livermore 11/14/90	Pallets with Heavy machinery in bad condition	discard/replace	
None	Administration Livermore 11/14/90	Pallets stacked not over 6 ft high?	evaluate	
None	Administration Livermore 11/14/90	Potential tripping/fall hazards throughout	Stripe	
None	Administration Livermore 11/14/90	Back Wall Electric Box needs cover (between bins)	Install	
None	Administration Livermore 11/14/90	Loose Florescent light bulbs in bins	Secure	
None	Administration Livermore 11/14/90	Pallets with rack arms near rear door not strapped	Strap	
None	Administration Livermore 11/14/90	Pallets with Hodgepodge stacked precariously near backdoor	Restack	
None	Administration Livermore 11/14/90	Flammable solids magnesium Tag 27854 in Excess area	Duplicate Record APPROVED FOR REMOVAL BY _____	Yes December 4, 1990
None	Administration Livermore 11/14/90	Fire extinguisher and spill kit req at battery charging stations	secure extinguisher and kit	
None	Administration Livermore 11/14/90	Grey Storage Cabinet at Desk Area: Locked, No Inventory List	locate key - list contents	
None	Administration Livermore 11/14/90	Ryerson Material stacked next to yard fence. Easy access.	correct	

BUILDING: 90A

101	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 2, 1990 Reed, H.
101	Administration Electrical 1/5/90	Obstructed & No schedule on power panel 2A5B-4	post	Yes November 2, 1990 Reed, H.
102	Administration Electrical 1/5/90	Obstructed & no schedule for power panel 2A5B-3	clear/post	
102	Administration Electrical 1/5/90	Seismic tie down: file cabinet	Sheet Metal notified	Yes December 12, 1990
105	Administration OSHA 6/18/90	HOUSEKEEPING: MATERIALS ON FLOOR, FILES & CABINETS	In process Completed all but "Floor" item on 12/13/90	
105	Administration Electrical 1/5/90	Seismic tie down: storage cabinet, 2 bookshelf, file cabinet	Sheet Metal notified	Yes December 12, 1990
105	Administration Electrical 1/5/90	Housekeeping	In Process	Yes December 12, 1990
106	Administration Electrical 1/5/90	Seismic tie down: bookshelf	Sheet Metal notified	Yes December 12, 1990
107	Administration Electrical 1/5/90	Seismic tie down: 2 bookshelf	secure	Yes November 13, 1990 Scudero, R.
108	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
108	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 13, 1990 Scudero, R.
109	Administration Electrical 1/5/90	Seismic tie down: 2 bookshelf, water dispenser	secure	Yes November 13, 1990 Scudero, R.
110	Administration Electrical 1/5/90	Seismic tie down: file cabinet	Sheet Metal notified TRANSFER VIOLATION TO: _____?	
111	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.

BUILDING: 90B

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
BUILDING: 90B				
none	Administration Fire Inspection	Provide Type 2 magazine for small arms ammunition (UFC 77.202, 77.204)	Ken Sebrell not aware of this item until receipt of the report from the Division Office. To date a supplier has not been located that has a container meeting the UFC cited. 9/28 - checking with ammunition manufacturers 10/26 - Sebrell unable to locate a small arms magazine source. Purchasing being contacted for help to locate a magazine that meets the UFC.	

BUILDING: 90C

101	Administration Electrical	1/5/90	No id on power panel. No Schedule.	post	Yes November 2, 1990 Scudero, R.
102	Administration Electrical	1/5/90	Seismic tie down: bookshelf, water dispenser	Sheet Metal notified	Yes December 12, 1990
103	Administration Electrical	1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
104	Administration OSHA	6/18/90	MATERIAL STORED ON FLOOR SURFACE	remove	Yes November 13, 1990 Scudero, R.
105	Administration OSHA	6/13/90	UNSECURED HOUSEPLANTS	secure	Yes November 13, 1990 Scudero, R.
105	Administration OSHA	6/13/90	TOP OF STAIRWAY NOT MARKED APPROPRIATELY	mark	Yes November 27, 1990 Scudero, R.
105	Administration OSHA	6/13/90	WET SURFACES NOT COVERED WITH NON-SLIP MATERIALS	resurface	
				12/12/90- debris removal maintenance plan in place	
105	Administration OSHA	6/13/90	WALKING SURFACES NOT SAFE	resurface	
				12/12/90- debris removal maintenance plan in place	
105	Administration OSHA	6/18/90	STAIRWAYS MAY NEED TRAFFIC BARRIER	In Process	
105	Administration OSHA	6/13/90	EMPLOYEES ARE NOT PROHIBITED FROM EATING AROUND HAZARDOUS CH	In process	
105	Administration OSHA	6/13/90	NO PERSONAL PROTECTIVE EQUIPMENT PROVIDED	evaluate	Yes November 28, 1990 Scudero, R.
105	Administration OSHA	6/13/90	HAZARDOUS SUBSTANCES MAY NOT BE LABELED CORRECTLY	In process	
105	Administration OSHA	6/13/90	CPR TRAINING NOT GIVEN TO Project Managers	NOT REQUIRED: PER _____? Voluntary for staff other than electrical engineers	Yes December 12, 1990
105	Administration OSHA	6/13/90	ALL EMPLOYEES ARE NOT INSTRUCTED: WORKING W/ ELEC. EQUIPMENT	In process	
105	Administration OSHA	6/13/90	NO ONGOING PREVENTIVE HEALTH PROGRAM	In process	
105	Administration OSHA	6/13/90	MISSING EVACUATION AREA MAPS	post	Yes November 13, 1990 Scudero, R.
105	Administration OSHA	6/13/90	CURRENT EMERGENCY PLAN IS OUTDATED	revise	Yes November 27, 1990 Scudero, R.
105	Administration OSHA	6/13/90	NO EMPLOYEE EMERGENCY INSTRUCTION	In process	
105	Administration OSHA	6/13/90	NO EMPLOYEE TRAINING ON PARTICIPATION IN EMERGENCY RESPONSES	train	Yes November 27, 1990 Scudero, R.

BUILDING: 90C

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
106	Administration OSHA 6/18/90	MATERIALS ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
106	Administration Electrical 1/5/90	Old Waber	replace	Yes November 13, 1990 Scudero, R.
106	Administration Electrical 1/5/90	Housekeeping	clean	Yes November 13, 1990 Scudero, R.
106	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 13, 1990 Scudero, R.
107	Administration Electrical 1/5/90	Old Waber	replace	Yes November 13, 1990 Scudero, R.
106	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 13, 1990 Scudero, R.
none	Administration Putkey Inspection 12/5/90	Self-assessment program is not being developed using Tiger Team criteria for internal appraisals.	After self-assessment report is complete, have personnel not directly responsible for performance of activity make appraisals.	

BUILDING: 90D

102	Administration Electrical 1/5/90	Obstructed & No schedule for power panel	NOT PLANT ENGINEERING Transfer to who? _____
102	Administration Electrical 1/5/90	Seismic tie down: bookshelf, water dispenser	NOT PLANT ENGINEERING TRANSFER VIOLATION TO: _____?

BUILDING: 90E

102	Administration Electrical 1/5/90	No schedule for power panel	NOT PLANT ENGINEERING Transfer to who? _____
102	Administration Electrical 1/5/90	Seismic tie down: bookshelf	NOT PLANT ENGINEERING TRANSFER VIOLATION TO: _____?

BUILDING: 90F

100	Administration Electrical 1/5/90	Seismic tie down: 3 file cabinet	secure	Yes November 13, 1990 Scudero, R.
101	Administration Electrical 1/5/90	Seismic tie down: 3 bookshelf	secure	Yes November 13, 1990 Scudero, R.
103	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 13, 1990 Scudero, R.
106	Administration OSHA 6/18/90	MATERIALS STORED ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
107	Administration OSHA 6/18/90	UNSECURED BOOKS IN BOOKCASE (LIPS)	secure	Yes November 14, 1990 Scudero, R.
107	Administration Electrical 1/5/90	Seismic tie down: 2 file cabinet	secure	Yes November 13, 1990 Scudero, R.
109	Administration Electrical 1/5/90	2 old waber strip	replace	Yes November 14, 1990 Scudero, R.
110	Administration Electrical 1/5/90	Seismic tie down: file cabinet (office unoccupied)	secure	Yes November 13, 1990 Scudero, R.
111	Administration Electrical 1/5/90	Old Waber. Taped to Table Leg	replace	Yes November 14, 1990 Scudero, R.

BUILDING: 90F

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
111	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 13, 1990 Scudero, R.
112	Administration Electrical 1/5/90	Seismic tie down: file cabinet, shelf unit	secure	Yes November 13, 1990 Scudero, R.
113	Administration Electrical 1/5/90	Seismic tie down: drawing cabinet, bookshelf	secure	Yes November 13, 1990 Scudero, R.
115	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 13, 1990 Scudero, R.
119	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 13, 1990 Scudero, R.
119	Administration Electrical 1/5/90	No schedule for power panels outdoors, N.end of Building: 232A3B	In Process - Holders not provided until 12/11/90	
119	Administration Electrical 1/5/90	2 unblanked, missing breakers, 232A4B	In Process- Holders not provided until 12/11/90	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Standard equipment and construction specifications are not up-to-date.	"Provide the resources to complete the standare specification program, using the SPECTEXT format."	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Directories for electrical circuit breaker panels are not updated and installed in a timely manner.	Conduct a site wide survey of all panelboards and bring all panel directories up to date.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There is no electrical safety training program.	Institute a regular electrical safety training program for C&M electricians and Plant electrical engineers.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There is no high-voltage operational training program.	Institute a regular high-votage training program for C&M electricians and Plant electrical engineers.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Record drawings are not stored in a fireproof vault.	Provide a suitable drawing storage vault and drawing control procedures.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	As-built drawings of underground utilities are not being maintained up-to-date.	Update as-bults on a routine basis.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Standards for the use of CAD have not been established.	Develop CAD drawing standards and procedures	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There is no independent inspection and QA program for in-house constructed projects.	Institute a construction inspection program for all in-house projects.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	The use of flame-retardant electrical cable is not controlled at LBL.	Issue and implement the proposed LBL Policy and Procedure.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There is no site utility Document Control plan.	Establish central responsibility for maintaining, updating and filing all Plant utility records.	

BUILDING: 90G

101	Administration OSHA 6/18/90	MATERIALS ON TOP OF FILE CABINETS AND BOOKCASES	remove	Yes November 13, 1990 Scudero, R.
101	Administration OSHA 6/18/90	MICROWAVE OVEN NOT ATTACHED TO REFRIGERATOR (SEISMIC RESTRA)	secure	Yes November 13, 1990 Scudero, R.
101	Administration OSHA 6/18/90	REFRIGERATOR IS NOT RESTRAINED	Sheet Metal Notified	Yes December 12, 1990
101	Administration Electrical 1/5/90	Seismic tie down: Wang Printer	In process	
103	Administration Electrical 1/5/90	Seismic tie down: refrigerator	In process	Yes December 12, 1990
105	Administration Electrical 1/5/90	Seismic tie down: file cabinet	Sheet Metal Notified	Yes December 12, 1990
107	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 28, 1990 Scudero, R.
109	Administration OSHA 6/18/90	MATERIALS ON TOP OF FILES	remove	Yes November 28, 1990 Scudero, R.

BUILDING: 90G

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
109	Administration OSHA 6/18/90	MATERIAL STORED ON FLOOR	remove	Yes November 28, 1990 Scudero, R.
109	Administration OSHA 6/18/90	UNSECURED HOUSEPLANT	secure	Yes November 13, 1990 Scudero, R.
109	Administration OSHA 6/18/90	MATERIALS ON TOP OF FILE NOT RESTRAINED	In process	Yes December 12, 1990
109	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 28, 1990 Scudero, R.
113	Administration OSHA 6/18/90	UNSECURED MATERIALS ON TOP OF FILE CABINETS & BOOKCASE	In Process	Yes December 12, 1990
113	Administration Electrical 1/5/90	Seismic tie down: 3 file cabinets, bookshelf	In process	Yes December 12, 1990
115	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf	secure	Yes November 28, 1990 Scudero, R.
116	Administration OSHA 6/18/90	OBSTRUCTION IN PASSAGE WAY CREATED BY INVERTED CHALK BOARD	evaluate	Yes November 13, 1990 Scudero, R.
116	Administration Electrical 1/5/90	Housekeeping	clean	Yes November 28, 1990 Scudero, R.
100	Administration Electrical 1/5/90	Seismic tie down: bookshelf, water dispenser	secure	Yes December 12, 1990
NONE	Administration OSHA 6/18/90	MATERIALS STORED ON TOP OF FILE CABINET & ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
OUTSIDE	Administration Electrical 1/5/90	2 unblanked, missing breakers, no schedule for power panels outdoors, N. End of Bldg. 232A16A	In process- Holders not provided until 12/11/90	
OUTSIDE	Administration Electrical 1/5/90	2 unblanked, missing breakers, for power panel 232A9B	In process- Holders not provided until 12/11/90	

BUILDING: 90J

1	Administration OSHA 6/18/90	MATERIALS ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
100	Administration Electrical 1/5/90	Seismic tie down: Bookshelf	secure	Yes November 13, 1990 Scudero, R.
101	Administration OSHA 6/18/90	MATERIALS ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
101	Administration OSHA 6/18/90	UNRESTAINED 2 DRAWER FILE CABINET NEAR EXIT	secure	Yes November 13, 1990 Scudero, R.
103	Administration Electrical 1/5/90	Seismic tie down: 2 Bookshelf	Sheet Metal Notified	
103	Administration Electrical 1/5/90	Damaged Eraser Cord at Eraser	rewire	Yes November 2, 1990 Scudero, R.
103	Administration Office Safety Insp 11/15/90	Seismic: tie down bookcase @ exit replace plastic trash bin	secure	
104	Administration Electrical 1/5/90	Key Plan for this room shows door in wrong place. Otherwise OK.	In process	Yes December 12, 1990
105	Administration OSHA 6/18/90	STORAGE ON TOP OF FILE	remove	Yes November 28, 1990 Scudero, R.
105	Administration Electrical 1/5/90	Seismic tie down: bookshelf, file cabinet	Sheet metal Notified	Yes December 12, 1990
106	Administration OSHA 6/18/90	MATERIALS ON TOP OF CABINET	remove	Yes November 13, 1990 Scudero, R.

BUILDING: 90J

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
106	Administration OSHA 6/18/90	MATERIALS UNDER TABLE	remove	Yes November 13, 1990 Scudero, R.
106	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 13, 1990 Scudero, R.
107	Administration OSHA 6/18/90	UNSTRAINED MATERIALS ON TOP OF CABINET & BOOKCASE	remove	Yes November 13, 1990 Scudero, R.
107	Administration Electrical 1/5/90	Seismic tie down: file cabinet, bookshelf, table	Sheet Metal Notified	Yes December 12, 1990
107	Administration Office Safety Insp 11/15/90	Seismic: secure wood bookshelf incl. wood worksurface	secure	Yes December 12, 1990
109	Administration OSHA 6/18/90	MATERIALS ON FILES	remove	Yes November 13, 1990 Scudero, R.
109	Administration OSHA 6/18/90	UNRESTAINED BOOKS ON SHELF OVER DESK (LIPS)	secure	Yes November 13, 1990 Scudero, R.
109	Administration Electrical 1/5/90	2 file cabinet	secure	Yes November 13, 1990 Scudero, R.
111	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
111	Administration Electrical 1/5/90	Seismic tie down: bookshelf, 2 file cabinet	Sheet Metal Notified	Yes December 12, 1990
111	Administration Office Safety Insp 11/15/90	Eliminate Daisy Chain	remove	Yes December 12, 1990
113	Administration Electrical 1/5/90	Housekeeping	clean	Yes November 13, 1990 Scudero, R.
113	Administration Electrical 1/5/90	Seismic tie down: flat file	secure	Yes November 13, 1990 Scudero, R.
113	Administration Office Safety Insp 11/15/90	Eliminate Daisy Chain	remove	Yes December 12, 1990
114	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 27, 1990 Scudero, R.
115	Administration Electrical 1/5/90	Seismic tie down: Bookshelf	secure	Yes November 13, 1990 Scudero, R.
117	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
117	Administration Office Safety Insp 11/15/90	Locate heater away from combustibles	relocate	Yes December 12, 1990
119	Administration Electrical 1/5/90	Housekeeping	In Process	Yes December 12, 1990
119	Administration Electrical 1/5/90	Seismic tie down: bookshelf, file cabinet	secure	Yes November 13, 1990 Scudero, R.
120A	Administration Electrical 1/5/90	Seismic tie down: 5 file cabinets	Sheet Metal Notified	
121	Administration Electrical 1/5/90	Seismic tie down: bookshelf	secure	Yes November 13, 1990 Scudero, R.
123	Administration OSHA 6/18/90	UNRESTAINED WATER COOLER	secure	Yes November 13, 1990 Scudero, R.
123	Administration Electrical 1/5/90	Seismic tie down: 4 file cabinet, water dispenser	secure	Yes November 13, 1990 Scudero, R.

BUILDING: 90J

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
125	Administration Electrical 1/5/90	Housekeeping	Sheet Metal Notified	Yes December 12, 1990
125	Administration Electrical 1/5/90	Seismic tie down: Bookshelf	secure	Yes November 27, 1990 Scudero, R.
125	Administration Office Safety Insp 11/15/90	Replace Waber @ Drafting table w/ appr. type	replace	Yes December 12, 1990
127	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
127	Administration Office Safety Insp 11/15/90	Seismic: secure bookshelf at entry	secure	
129	Administration Electrical 1/5/90	Seismic tie down: bookshelf, file cabinet	Sheet Metal Notified	
131	Administration Electrical 1/5/90	Seismic tie down: 2 bookshelf, file cabinet	secure	Yes November 13, 1990 Scudero, R.
131	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
131	Administration Electrical 1/5/90	Housekeeping	Sheet Metal Notified	Yes December 12, 1990
131	Administration Office Safety Insp 11/15/90	Remove combustibles, also combustibles near outlets	remove	
none	Administration Office Safety Insp 11/15/90	Trash cans	replace	Yes December 12, 1990

BUILDING: 90K

101	Administration OSHA 6/18/90	MATERIALS UNDER TABLE AND ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
103	Administration Electrical 1/5/90	Seismic tie down: water dispenser, 2 bookshelf	secure	Yes November 13, 1990 Scudero, R.
107	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.
107	Administration Electrical 1/5/90	Seismic tie down: file cabinet, Bookshelf	secure	Yes November 13, 1990 Scudero, R.
109	Administration Electrical 1/5/90	Seismic tie down: 2 bookshelf	secure	Yes November 13, 1990 Scudero, R.
110	Administration Electrical 1/5/90	Seismic tie down: 4 file cabinet	secure	Yes November 13, 1990 Scudero, R.
111	Administration Electrical 1/5/90	Seismic tie down: file cabinet	Sheet Metal Notified	Yes December 12, 1990
113	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 13, 1990 Scudero, R.
117	Administration Electrical 1/5/90	Seismic tie down: file cabinet	Sheet Metal Notified	Yes December 12, 1990
119	Administration OSHA 6/18/90	BOOKS ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
119	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 13, 1990 Scudero, R.
120	Administration Electrical 1/5/90	Seismic tie down: 6 file cabinet	secure	Yes November 13, 1990 Scudero, R.
123	Administration Electrical 1/5/90	Old Waber Strip	replace	Yes November 13, 1990 Scudero, R.

BUILDING: 90K

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
123	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 13, 1990 Scudero, R.
125	Administration Electrical 1/5/90	Housekeeping	clean	Yes November 13, 1990 Scudero, R.
126	Administration Electrical 1/5/90	Seismic tie down: 2 bookshelf	Sheet Metal Notified	Yes December 12, 1990
127	Administration OSHA 6/18/90	MATERIALS ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
127	Administration Electrical 1/5/90	Heater Plugged Into OK Waber Strapp. Unable to Mitigate	Sheet Metal Notified	Yes December 12, 1990
127	Administration Office Safety Insp 11/15/90	Eliminate Delay Chain	remove	Yes December 12, 1990
128	Administration OSHA 6/18/90	MATERIALS ON FLOOR	remove	Yes November 13, 1990 Scudero, R.
128	Administration Electrical 1/5/90	Housekeeping	clean	Yes November 13, 1990 Scudero, R.
128	Administration Electrical 1/5/90	Seismic tie down: file cabinet	secure	Yes November 13, 1990 Scudero, R.
none	Administration Office Safety Insp 11/15/90	Trash Cans	replace	Yes December 12, 1990
none	Administration Office Safety Insp 11/15/90	Maintain Min 3' - 8" exit corridor	relocate	Yes December 12, 1990
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Environmental evaluations including National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) are not documented for all improvement projects within the Lab.	Assign primary responsibility to one group for initiating and tracking environmental evaluations throughout project life cycle. Implement computer database and document control system.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Need additional supervisor QA training	Training Seminar	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Need training in unusual occurrence reporting	Training Seminar	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Lack document control system for vital records	Establish system and procedures	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Lack training records and provisions for monitoring of training	Establish formal, verifiable training program for all employees	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Inadequate budget and staff to support full compliance operation	Identify needs and request funding	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Formal procedures for research projects requiring the use of hazardous gases & materials & which define authorities & responsibilities for accomplishing space allocation, facility programming, design, construction, & equipment installation do not exist.	Implement Procedures for: a. code compliant allocation of research space; b. oversight & certification of scientific equipment; & conventional facilities. Clearly define responsibilities & authorities for each activity.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	A/E firms, doing work for LBL are not required to have a QA plan with an independent QA audit.	Assure A/E firms develop & implement a QA plan for LBL work.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	The Design Management Procedures Manual does not include procedures for "in-house" project design and for issuing job orders to LBL C&M Dept. ES&H review & fire protection engineering review for these projects is not assured under the current operating practices.	The Design Management Procedures Manual should be expanded to include procedures for "in-house" project design & C&M job order preparation. ES&H design reviews & fire prot. engineering reviews must be mandated by the procedures.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	A formal document control system which assures that Plant Engineering personnel receives the most recent issues of pertinent documents (design criteria, DOE Orders, SAN MD's, Codes & Regulations) pertaining to design, construction & operation of the dept., is not in place.	Establish a central library in Plant Engineering in which all documents applicable to Plant Engineering's operation are available for use & maintained at the latest issue level. Periodically distribute to PE personnel a listing of applicable codes, orders & regulations showing the latest issue dates & revision levels.	

BUILDING: 90K

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL Plant Ops-Self 12/6/90	Plant Engineering has no formal procedures in place governing Records Management (DOE 1324.5) & Records Disposition (DOE 1324.2A) for records relating to department operations & the design & construction of physical facilities.	A plan to bring the Dept. in compliance w/DOE Order 1324.5 & 1324.2A has been developed. A position for a departmental records manager was posted. Upon filling of the posted position proceed w/implementation of the plan.	
none	INSTITUTIONAL Plant Ops-Self 12/6/90	A formal quality verification program as required by DOE Order 5700.8, addressing safety & personnel protection related functions including operational, technical & administrative functions, is not in place.	Establish a departmental quality verification program in accordance w/ the requirements stated in DOE Order 5700.6B. The quality verification program must be performed by appropriately trained personnel outside & independent of Plt. Eng. line responsibilities.	
none	INSTITUTIONAL Plant Ops-Self 11/29/90	Quality Assurance (QA) program is inadequate in division and in Department	Develop procedures to verify that QA program of Division and Department being followed	
none	INSTITUTIONAL Plant Ops-Self 11/29/90	DM Group not following procedures in sec. 8 of Procedures Manual	Schedule training sessions and enforce compliance	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Need library of all pertinent orders, policies & procedures	Establish library	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Need book of job descriptions - incorporate environmental responsibility.	Assemble; put in library; hard copy and distribute to employees	
none	Administration Putkey Inspection 11/29/90	"No Design Management Procedures for C&M work - design, work orders"	Develop attachment to Design Management Procedures Manual	
none	Administration Putkey Inspection 11/29/90	Delegations of authority to PE or within PE are not known.	Place in office procedures manual (see no. 6)	
none	Administration Putkey Inspection 11/29/90	Lines of responsibility between groups in PE are missing or vague	Have DM Group and PM Group coordinate their procedures manuals.	
none	Administration Putkey Inspection 11/29/90	"Responsibilities between PE and other departments, Divisions and outside units are not defined."	Develop responsibilities and place in PE Procedures Manual (see no. 6).	
none	Administration Putkey Inspection 11/29/90	PE Department does not have a Procedures Manual.	Develop PE Procedures manual.	
none	Administration Putkey Inspection 11/29/90	The Master Emergency Plan needs updating. The Emergency Plan booklet is difficult to use.	Develop Emergency Plan booklet similar to the LBL Health & Safety Handbook.	
none	Administration Putkey Inspection 11/29/90	PE personnel have no instructions on safety procedures when visiting construction jobsites	Place procedures in PE Procedures Manual. In the Health & Safety Manual include PE personnel in the definition of visitors.	
none	Administration Putkey Inspection 11/29/90	Responsibility for monitoring construction jobsite safety is divided between ES&H and Plant Engineering.	Develop monitoring responsibilities with ES&H and place in PE Procedures Manual, Project Management Policy Manual, Project Management Procedures Manual, and Health and Safety Manual.	
none	Administration Putkey Inspection 11/29/90	Codes specified by designers and used by PM are not available	"Develop and maintain a complete library of codes, ect. required by DOE"	
none	Administration Putkey Inspection 11/29/90	PM Group Procedures Manual lacks construction safety procedures for PMs	Add an item to the construction phase in the PM Procedures Manual.	
none	Administration Putkey Inspection 12/7/90	Management gives directives to staff bypassing staff's supervisors.	Establish and enforce procedures that require staff to report management directives to supervisors.	

BUILDING: 90P

100	Information and Computing Sciences Electrical Inspection 1-5-90	Items not seismically secured: 2 file cabinets, 21 bookshelves, refrigerator, and 2 card catalog cabinets

BUILDING: 934

	Information and Computing Sciences ICSD M&O Self Assessment 11/30/90	Building is located in an unsafe, high-crime area. There are no building guards, and the perimeter alarm has been inoperative "for years".
I	CMB TTP-90 9/25/90	Secure file cabinet.
I	CMB TTP-90 9/25/90	Secure 3-drawer file located near stair.
I	CMB TTP-90 9/25/90	Boxes stored underneath computer table.
II	CMB TTP-90 9/25/90	Illegal outlet box under microscope table.

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
11	CMB TTP-90 9/25/90	Improper storage on top of shelves, refrigerator.		
11	CMB TTP-90 9/25/90	Boxes stored underneath tables.		
11	CMB TTP-90 9/25/90	Gas cylinders not properly secured.		
11	CMB TTP-90 9/25/90	Log needed for radioisotope usage.		
11	CMB TTP-90 9/25/90	Chemical cabinet needs lips on shelves.		
11	CMB TTP-90 9/25/90	Obstruction over vent under microscope table.		
11	CMB TTP-90 9/25/90	Chemical bottles on floor in front of chemical cabinet.		
11	CMB TTP-90 9/25/90	Bottles of acids not properly stored to contain spills.		
11	CMB TTP-90 9/25/90	"Blanket curtain" not very fire-retardant.		
12	CMB TTP-90 9/25/90	Secure bookcase near doorway to wall.		
12	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.		
13	CMB TTP-90 9/25/90	Secure bookcase next to door to the wall.		
14	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.		
14	CMB TTP-90 9/25/90	Secure file cabinet to wall.		
14	CMB TTP-90 9/25/90	Secure bookcase to wall.		
16A	CMB TTP-90 9/25/90	Secure file cabinet to wall.		
19	CMB TTP-90 9/25/90	Secure water purifier tank with second chain or strap.		
19	CMB TTP-90 9/25/90	Need 3-foot clearance in front of electrical panels.		
19	CMB TTP-90 9/25/90	Improper storage of cardboard boxes.		
19	CMB TTP-90 9/25/90	Irregular safety inspection of autoclave.		
19	CMB TTP-90 9/25/90	Electrical receptacle too close to autoclave?		
2	CMB TTP-90 9/25/90	Secure file cabinet to wall.		
2	CMB TTP-90 9/25/90	Secure 2 bookcases to wall.		
2	CMB TTP-90 9/25/90	Combustible items stored underneath table.		
27	CMB TTP-90 9/25/90	Secure bookcases to wall.		
27	CMB TTP-90 9/25/90	Shelves too close to ceiling and have no lips.		
28	CMB TTP-90 9/25/90	EXIT sign is not lit.		
30	CMB TTP-90 9/25/90	Secure bookcase located near door.		
31	CMB TTP-90 9/25/90	Lips needed on shelves.		
31	CMB TTP-90 9/25/90	Top shelf stacked too high?		
31	CMB TTP-90 9/25/90	Uncovered light socket on ceiling.		
32	CMB TTP-90 9/25/90	Secure glass-front storage cabinet.		

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
32	CMB TTP-90 9/25/90	Secure bookcase next to door.		
32	CMB TTP-90 9/25/90	Boxes stored under incubator counter and table.		
33	CMB TTP-90 9/25/90	Boxes stored in front of extinguisher and under counter.		
33	CMB TTP-90 9/25/90	Secure refrigerator.		
33	CMB TTP-90 9/25/90	Secure bulletin board to wall.		
34	CMB TTP-90 9/25/90	Secure incubators.		
34	CMB TTP-90 9/25/90	Gas cylinders need a second strap.		
34	CMB TTP-90 9/25/90	Daisy-chained extension cords.		
34	CMB TTP-90 9/25/90	Glass doors to cabinets not kept closed.		
34	CMB TTP-90 9/25/90	Light switch to room poorly located.		
35	CMB TTP-90 9/25/90	Boxes under table and on top of shelves.		
35	CMB TTP-90 9/25/90	Old junction box and non-working UV light system.		
35	CMB TTP-90 9/25/90	Outlet box needs circuit breaker switch.		
35	CMB TTP-90 9/25/90	Extension cord junction too close to sink.		
36	CMB TTP-90 9/25/90	Lips needed on bookshelves.		
36	CMB TTP-90 9/25/90	Gas cylinder needs two chains to be secured.		
36	CMB TTP-90 9/25/90	Secure incubators and refrigerator to wall.		
36	CMB TTP-90 9/25/90	Secure UV box.		
36	CMB TTP-90 9/25/90	Number of empty boxes in corner.		
36	CMB TTP-90 9/25/90	Cardboard stored underneath benches.		
36	CMB TTP-90 9/25/90	Items stored on top of shelves.		
37A	CMB TTP-90 9/25/90	Entrance-way to room not cleared.		
37A	CMB TTP-90 9/25/90	Secure bookcase near doorway.		
37A	CMB TTP-90 9/25/90	Boxes, etc., under table and on top of shelves.		
37A	CMB TTP-90 9/25/90	Lips needed on shelves.		
37A	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.		
37B	CMB TTP-90 9/25/90	Boxes stored underneath table.		
37B	CMB TTP-90 9/25/90	Gas cylinders not double-chained.		
37B	CMB TTP-90 9/25/90	Biohazard can in doorway.		
37B	CMB TTP-90 9/25/90	Glass panels stored on floor.		
38	CMB TTP-90 9/25/90	Secure processor.		
38	CMB TTP-90 9/25/90	Secure the enlarger?		

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
38	CMB TTP-90 9/25/90	Improper storage of boxes on top of shelves.		
38	CMB TTP-90 9/25/90	UV warning sign needed over UV box.		
38	CMB TTP-90 9/25/90	Shelves unit too close to ceiling.	Done.	Yes December 4, 1990
38	CMB TTP-90 9/25/90	Lips needed on shelves.	Done.	Yes December 4, 1990
38	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.	Action in progress.	
38	CMB TTP-90 9/25/90	Wheels on freezer unit not locked.	Action in progress.	
38	CMB TTP-90 9/25/90	Water drains into bucket adjacent to electrical outlet.	Done.	Yes December 4, 1990
38	CMB TTP-90 12/4/90	Boxes stored on top of cabinet.		
40	CMB TTP-90 9/25/90	Secure refrigerator to wall.		
40	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.	Done.	Yes December 4, 1990
40	CMB TTP-90 9/25/90	Paper stored underneath bench.	Done.	Yes December 4, 1990
40	CMB TTP-90 12/4/90	Bottles stored under counter.		
41	CMB TTP-90 9/25/90	Lips needed on wall shelves and cupboard.		
41	CMB TTP-90 9/25/90	Secure refrigerator to wall.		
41	CMB TTP-90 9/25/90	Cardboard boxes improperly stored.		
41	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.		
41	CMB TTP-90 9/25/90	Area around eyewash not cleared.		
42	CMB TTP-90 9/25/90	Entrance to lab not cleared.		
42	CMB TTP-90 9/25/90	Secure hood, fridge, incubator to wall.		
42	CMB TTP-90 9/25/90	Items on top of refrigerator and underneath sink.		
42	CMB TTP-90 9/25/90	Incubator base unstable.		
43	CMB TTP-90 9/25/90	Secure refrigerator and file cabinet to wall.		
43	CMB TTP-90 9/25/90	Boxes stored underneath table.		
44	CMB TTP-90 9/25/90	Boxes stored underneath table.		
44	CMB TTP-90 9/25/90	Secure bulletin board to wall.		
44	CMB TTP-90 9/25/90	Glass doors on cupboard not kept closed.		
44	CMB TTP-90 9/25/90	Laundry basket in doorway.		
45	CMB TTP-90 9/25/90	Gas cylinder has only one strap.		
45	CMB TTP-90 9/25/90	Excess flammable liquids stored in cabinet under hood.		
45	CMB TTP-90 9/25/90	Gas cylinders have only one strap.		
45	CMB TTP-90 9/25/90	Secure bookcase.		
45	CMB TTP-90 9/25/90	Improper storage of boxes on top of cabinets.		

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
46	CMB TTP-90 9/25/90	Styrofoam boxes stored underneath table.		
46	CMB TTP-90 9/25/90	Cabinets lacking lip or doors.		
46	CMB TTP-90 9/25/90	Non-functioning gas line pipe located over door.		
47A	CMB TTP-90 9/25/90	Secure 3 file cabinets to wall.		
47B	CMB TTP-90 9/25/90	Secure file cabinets to wall.		
47B	CMB TTP-90 9/25/90	Improper use of 2-prong plug.		
48	CMB TTP-90 9/25/90	Secure file cabinet to wall.		
50	CMB TTP-90 9/25/90	Storage of books, etc. on top of shelves.		
50	CMB TTP-90 9/25/90	Secure 2 filing cabinets to wall.		
50	CMB TTP-90 9/25/90	Cord for utility box too short.		
50	CMB TTP-90 9/25/90	Glass panels stored behind entry door		
55	CMB TTP-90 9/25/90	Improper use of 2-prong plug.		
55	CMB TTP-90 9/25/90	Outlet box lacking circuit breaker switch.		
56B	Information and Computing Sciences DFS/TPH Visit 11/30/90	Freezer lacks Food/No Food label	Provide label if required for freezers	
56B	Information and Computing Sciences DFS/TPH Visit 11/30/90	Combustibles (boxes and other material) stored on floor	Remove or provide for proper storage	
57	Information and Computing Sciences DFS/TPH Visit 11/30/90	External label designating location of First Aid Kit lacking for kit inside cabinet	Provide label	
57	Information and Computing Sciences DFS/TPH Visit 11/30/90	The lids on two disposal cans for wiping rags were stuck open (Hekdelberg and center multitith)	Repair so they close automatically	
57	Information and Computing Sciences DFS/TPH Visit 11/30/90	Questionable personal toaster in use with ungrounded cord may not be UL approved.	Determine if UL approved and, if not, remove	
57	Information and Computing Sciences DFS/TPH Visit 11/30/90	Bottle inside cabinet for deionized water is unlabeled	Provide label	
57	Information and Computing Sciences DFS/TPH Visit 11/30/90	Annual LBL Fire Inspection not conducted per Print Plant Manager	Determine if required for off-site buildings. If not, provide for alternate inspectors	
57	Information and Computing Sciences KCSO M&O Self Assessment 11/30/90	Door to Print Plant has a cardkey lock that is taped open.	Remove the cardkey lock or use it.	
57	Information and Computing Sciences KCSO M&O Self Assessment 11/30/90	There is no formal dress code for those operating the presses and other potentially dangerous equipment.		
57	Information and Computing Sciences KCSO M&O Self Assessment 11/30/90	No written procedures exist for handling spills, etc.		
57	Information and Computing Sciences KCSO M&O Self Assessment 11/30/90	Per discussion with one printer, not everyone wears goggles when recommended.		

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
57	Information and Computing Sciences KSD M&O Self Assessment 11/30/90	At least one printer did not realize that all employees have the authority to stop unsafe work activity		
57	Information and Computing Sciences KSD M&O Self Assessment 11/30/90	Coordination with on-Hill people is difficult, and sometimes leads to misunderstandings about print jobs.		
57	Information and Computing Sciences KSD M&O Self Assessment 11/30/90	No formal safety or hazardous material training, and little help is available from EHS.		
57	Information and Computing Sciences KSD M&O Self Assessment 11/30/90	Emergency procedures do not adequately address the needs of handicapped employees		
59	Information and Computing Sciences DFS/TPH Visit 11/30/90	Access to fire extinguisher in southwest corner is restricted. Carts were in front of extinguisher and ladders were stored next to it.	Relocate or improve access	
59	Information and Computing Sciences DFS/TPH Visit 11/30/90	Metal tops or lids are stored loosely on top of pallet rack in southeast corner and are not seismically secured.	Remove or secure	
59	Information and Computing Sciences DFS/TPH Visit 11/30/90	Storage in center rack could be less than 18" from sprinkler head	Check, and if so, lower boxes	
6	CMB TTP-90 9/25/90	Boxes and TV underneath table.		
6	CMB TTP-90 9/25/90	Box stored underneath desk.		
6	CMB TTP-90 9/25/90	Computer rests on styrofoam box.		
62A	CMB TTP-90 9/25/90	Secure refrigerator and 2 file cabinets.		
62A	CMB TTP-90 9/25/90	Secure shelf and add lip to shelf.		
62A	CMB TTP-90 9/25/90	Glass panes stored over door.		
62B	CMB TTP-90 9/25/90	Remove box from top of AA analyzer.		
62B	CMB TTP-90 9/25/90	Remove motor oil drum.		
62B	CMB TTP-90 9/25/90	Motor oil bottles should be discarded.		
63	CMB TTP-90 9/25/90	Secure fridge and fermenters that could tip over in quake.		
63	CMB TTP-90 9/25/90	Wheels on fermenter control panel not locked.		
63	CMB TTP-90 9/25/90	Autoclave instructions not poster on or near it.		
63	CMB TTP-90 9/25/90	Electrical panel boxes don't have 3-ft. clearance.		
63	CMB TTP-90 9/25/90	Boxes stored underneath table.		
63	CMB TTP-90 9/25/90	Boxes in center of room not stored well.		
63	CMB TTP-90 9/25/90	Room not adequately ventilated.		
67	CMB TTP-90 9/25/90	Outlet box may need circuit breaker switch.		
67	CMB TTP-90 9/25/90	Secure file cabinets.		
7	CMB TTP-90 9/25/90	Boxes stored underneath table.		
7	CMB TTP-90 9/25/90	Boxes stored on top of cabinet.		
70	CMB TTP-90 9/25/90	Secure refrigerator.		

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
73	CMB TTP-90 9/25/90	Access to fire extinguisher blocked.		
73	CMB TTP-90 9/25/90	Glass-front cabinet located on floor.		
73	CMB TTP-90 9/25/90	Biohazard bag w/radioactive label on top of shelf.		
73	CMB TTP-90 9/25/90	Need log for radioisotope use and monitoring.		
78	CMB TTP-90 9/25/90	Open junction box near door.		
78	CMB TTP-90 9/25/90	Paint peeling from ceiling.		
78	CMB TTP-90 9/25/90	Room not adequately ventilated.		
8	CMB TTP-90 9/25/90	Secure 3 file cabinets to wall.	Files wedged in; may not have to be tied down to wall.	Yes December 4, 1990
8	CMB TTP-90 9/25/90	Boxes stored underneath table.	Done.	Yes December 4, 1990
8	CMB TTP-90 9/25/90	Items stored on top of shelves.	Done.	Yes December 4, 1990
81	CMB TTP-90 9/25/90	Boxes stored underneath tables and on top of shelves.		
81	CMB TTP-90 9/25/90	Access to eyewash blocked.		
81	CMB TTP-90 9/25/90	Secure refrigerator.		
81	CMB TTP-90 9/25/90	Outlet box on counter not mounted.		
82	CMB TTP-90 9/25/90	Secure bookcases in hallway and in lab.		
82	CMB TTP-90 9/25/90	Secure refrigerator.		
82	CMB TTP-90 9/25/90	Wheels on freezer not locked.		
82	CMB TTP-90 9/25/90	Need CAUTION label on ethidium bromide.		
82	CMB TTP-90 9/25/90	CAUTION label needed on UV lamp.		
82	CMB TTP-90 9/25/90	Can needed for hazardous waste.		
82	CMB TTP-90 9/25/90	Remove old electrical junction boxes.		
83	CMB TTP-90 9/25/90	Secure refrigerator.		
83	CMB TTP-90 9/25/90	Improper storage of items on top of fridge and cabinet.		
83	CMB TTP-90 9/25/90	Lab coats hung on shower pipe.		
84	CMB TTP-90 9/25/90	Secure aquarium located near entrance to lab.		
84	CMB TTP-90 9/25/90	Items stored in front of fire extinguisher.		
84	CMB TTP-90 9/25/90	Secure refrigerators and incubators.		
84	CMB TTP-90 9/25/90	Secure bookcase on top of desk to the desk.		
84	CMB TTP-90 9/25/90	Remove glass panes stored next to wall.		
84	CMB TTP-90 9/25/90	Oxidants stored with organics.		
84	CMB TTP-90 9/25/90	Relocate environmental incubator shaker so that drain lines are more secure.		
9	CMB TTP-90 9/25/90	Improper storage of boxes on top of file cabinets.		

BUILDING: 934

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
9	CMB TTP-90 9/25/90	Secure bookcase at top of staircase.		
Dock A	CMB TTP-90 9/25/90	Secure tanks w/2 chains.		
Dock A	CMB TTP-90 9/25/90	Secure metal sheet behind LN tank.		
Dock A	CMB TTP-90 9/25/90	Wheel locks on freezer must be set.		
Dock A	CMB TTP-90 9/25/90	LN tank not labeled w/appropriate labels.		
Dock A	CMB TTP-90 9/25/90	LN tank unsecured.		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Soap container unlabelled.		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Shop-fabricated extension cord to shrink wrap machine needs to be replaced.		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Processor, silver recovery, and developer tanks need drip trays.		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Coverplate on electrical box on ceiling in camera room lacking		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Razor blades and Xacto knives must be protected (styrofoam).		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Unmounted doors in camera room need securing.		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Equipment needs operating guards.		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Food/No Food label missing on refrigerator		
Printing	Information and Computing Sciences LLNL Assessment 11/14/90	Not all flashlights operate		J

BUILDING: 936

101	Administration Office Safety Insp 11/15/90	Eliminate flammables at exit passageway	remove The correct room # is 102 as their is no 101, item has been corrected	Yes November 16, 1990
103	Administration Office Safety Insp 11/15/90	Seismic: tie down refrigerator	secure Request made on 11/16/90 to C&M but C&M is overloaded and will get to us ASAP	
103	Administration Office Safety Insp 11/15/90	remove boxes behind door	remove	Yes November 16, 1990
100	Administration Office Safety Insp 11/15/90	Electrical Daisy Chain	remove The daisy chain cord was disconnected and attached to an approved multiplug cord	Yes November 16, 1990
115A	Administration Office Safety Insp 11/15/90	elim. coat rack at rear exit door [This is not an OSRA Office, it is BUDGET and PLANNING RESOURCES]	TRANSFER OF VIOLATION TO CFO -APPROVED by _____	Yes December 12, 1990
119	Administration Office Safety Insp 11/15/90	Electrical daisy chain [This is not an OSRA Office, it is BUDGET and PLANNING RESOURCES]	TRANSFER OF VIOLATION TO CFO -APPROVED by _____	Yes December 12, 1990
2	Administration Office Safety Insp 11/15/90	Remove trashbins & replace with approved type	replace Order placed 12/12/90	
200	Administration Office Safety Insp 11/15/90	Fire extinguisher appears not inspected	inspect & tag Purchasing notified 12/6/90	
203	Administration Office Safety Insp 11/15/90	Seismic: 2 low cabinets & watercooler	tie down Job order will be written by 12/14/90	
203	Administration Office Safety Insp 11/15/90	Remove paper stored Near Electrical Outlets	remove	Yes December 4, 1990
203	Administration Office Safety Insp 11/15/90	Remove Flammables	remove	Yes December 4, 1990

BUILDING: 936

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
209	Administration Office Safety Insp 11/15/90	Eliminate electrical daisy chain	remove	Yes December 4, 1990
212	Administration Office Safety Insp 11/15/90	Eliminate Rolling file at entry	remove will be done 12/14/90	
219B	Administration Office Safety Insp 11/15/90	Seismic: Bookcase not secured	secure Job Order will be written by 12/14/90	
219E	Administration Office Safety Insp 11/15/90	Seismic: File cabinet outside door not secured	secure Job Order will be written by 12/14/90	
221	Administration Office Safety Insp 11/15/90	Bolt panels to wall	bolt Job Order will be written by 12/14/90	
224	Administration Office Safety Insp 11/15/90	Seismic: Tie down metal cabinet	secure Job Order will be written by 12/14/90	
244	Administration Office Safety Insp 11/15/90	Seismic: Anchor copier	secure Job Order will be written by 12/14/90	
263	Administration Office Safety Insp 11/15/90	Eliminate daisy chain	remove/rewire	Yes December 4, 1990
NONE	Administration OSHA 5/22/90	FIRE ALARMS CANNOT BE HEARD IN MANY AREAS OF 2ND FLOOR	A power line has been run to the alarms. It still needs to be connected.	Yes November 27, 1990 Courcy, Charles

BUILDING: 983

275	Applied Science Pre-Tiger Self-Assessment 11/30/90	no emergency telephone numbers posted		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	paints & lacquer thinner stored in lockable metal cabinet need to be inventoried, no MSDS available		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	no first aid kit beside band-aids		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	mount & label fire extinguisher permanently		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	employees not periodically instructed (instruction by whom?)		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	no general lighting besides simulator lighting system; need general lighting system w/switch near door		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	materials stored in passageways		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	no chains to protect unused entrance		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	model platform tracks are not mounted permanently & do not have end-stops		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	12 ft ladder needs non-slip feet		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	sec 1.3		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	non-approved power strips in use		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	lighting system wiring violated electrical codes, but will be replaced during major overhaul		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	models & equipment are stored along the simulator perimeter in an unsafe manner		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	metal cabinets not bolted down; dome & wall structure need inspection, evaluation; possibly not well enough reinforced		Cairns, E.J.
275	Applied Science Pre-Tiger Self-Assessment 11/30/90	lead bricks placed on cabinet top		Cairns, E.J.

BUILDING: 983

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
278	Applied Science Pre-Tiger Self-Assessment 11/30/90	see 33.3-33.23, especially unclear circuit breaker identification in panel box		Cairns, E.J.

BUILDING: 983

278	Applied Science Pre-Tiger Self-Assessment 11/30/90	no OSHA poster displayed		Cairns, E.J.

BUILDING: Accelerators

	EPH&S Self Assessment 11/21/90	The NESHAPS computation for short-lived air activation products has not been performed for the LBL accelerators save the ALS injector.	Perform computations	Schletmer, G.

BUILDING: ALL

	Information and Computing Sciences ICSRRC Walkthrough 12/4/90	Laboratory does not inspect work done by C&M staff.		
	Information and Computing Sciences Random Observation 12/5/90	Most stairwells are lacking standard signs identifying floor and specifying the nature of top and bottom exits.		
	Information and Computing Sciences Random Observation 12/5/90	Laboratory doesn't have standard signs for hazard warnings on doors or for "no exit" notices.	Fred Goosen is developing signs that are gaining acceptance as <i>de facto</i> standards for hazard warning. Formal adoption should be considered. Further, Laboratory should carry stock standard "not-an-exit" signs.	
	Directorate LBL M & O checklist 12/10/90	no organization charts to working level	to be extended	A.G. Tressler
	Directorate LBL M & O checklist 12/10/90	safety responsibilities not on existing chart	to be added	A.G. Tressler
	Directorate LBL M & O checklist 12/10/90	QA responsibilities not on chart	to be added	A.G. Tressler
	Directorate LBL M & O checklist 12/10/90	job titles not on existing chart	to be added	A.G. Tressler
	Directorate LBL M & O checklist 12/10/90	job descriptions out of date and inaccurate	to be updated	A.G. Tressler
	Directorate LBL M & O checklist 12/10/90	job descriptions do not include ES&H responsibilities	to be included	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	job descriptions not in computer-readable form	to be entered	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	ES&H responsibilities not noted in performance appraisals	to be included	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	supervisors not trained in QA	to be trained	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	ES&H not in QA plan	to be included	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	QA plan out of date	to be updated	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	division does not have a training plan	to be developed	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	responsibility for training not identified	responsibility to be identified	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	safety committee does not have a charter	charter to be drawn up	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	no system for communicating lessons learned	system to be set up	A.G. Tressler
	Directorate LBL M&O checklist 12/10/90	discussions of ES&H issues at group meetings not recorded	records will be kept	A.G. Tressler
none	INSTITUTIONAL PE/Kaiser 1 11/26/90	Detailed instructions for hazard ranking by staff performing self-assessment is unclear and ambiguous which will tend to skew deficiencies into higher hazard categories than justified.	Provide explanation of ranking and examples of various hazards in all categories.	
none	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Personnel in this department are not trained to identify OSHA/CAL-OSHA/NFPA deficiencies, and as a result are not able to identify problems."	Develop training program or provide ES&H department personnel to escort staff on formal walk-through of each area.	

BUILDING: All

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL PE/Kaiser 1 11/26/90	Health & Safety Manual (Pub-3000) was recently issued without detailed explanation and instructions and implementation procedures to ensure it is reviewed at the worker level. Manual is not generally available to workers.	"A comprehensive plan should be developed to distribute, educate, and train workers to applicable sections of this manual. ESH Dept. should provide this direction and training."	
none	INSTITUTIONAL PE/Kaiser 1 11/26/90	"The Emergency Plan posted in buildings, Pub-519.15 dated 1983 is not up to date and hasn't been reviewed in over 5 years. Personnel have changed; phone nos. changed; and evacuation routes blocked."	Revise and update emergency action plan. Assign current staff to tasks needed and revise annually to reflect building and personnel changes.	
none	INSTITUTIONAL Plant Ops-Self 12/5/90	Provide fire rated assemblies for occupancy separation as the result of change in use from original bldg design	Conduct full scale fire protection survey; provide fire rated wall & floor/ceiling assemblies.	
none	INSTITUTIONAL Plant Ops-Self 12/5/90	Retrofit exit doors with proper hardware such as panic hardware, locks which do not require the use of a key, tool, special knowledge or effort for operation from the inside of the space.	Conduct fire protection survey; replace with approved hardware.	
none	INSTITUTIONAL Plant Ops-Self 12/5/90	Repair & replace fire rated assemblies which include fire rated doors, fire/smoke dampers, fire stopping thru wall penetrations & patching of unused openings in the wall & floor to provide integrity of fire rated barriers.	Conduct full scale fire protection survey; provide firestopping systems, fire dampers, fire rated door & window assemblies.	

BUILDING: ALSEPH&S
Self Assessment

Continuing to address ALS shielding issues as they arise including additional beam dump shielding for the LINAC, air-conditioning retrofit penetrations for the SR, temporary BR beam dump, BR/SR transition region shielding, and SR injection region additional shielding. This work tends to pile up so that there is a slow turn-around time.

Add manpower

McCaslin, J.

BUILDING: B10A

none	INSTITUTIONAL Plant Ops-Self 11/30/90	Records shall be kept of all generator tests and maintenance (NFPA-70 §700-4).	On project's contract punch list.

BUILDING: B10B

100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	(1) Lack of master control disconnect switch at exit for use by fire department; (2) transfer switches not identified for emergency use; (3) some boxes and enclosures for emergency circuits not marked accordingly; (4) equipment rooms lacked permanent signs indicating type and location of on-site emergency power sources.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Formal lockout/tagout procedures are lacking. Review needed to determine if they are necessary.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Many labels are of improper material, improperly affixed, and indicate improper equipment designations. This pertains to ancillary equipment such as A/C controls and thermostats as well as for primary equipment.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	An electrical single line drawing should be on file showing the only power route through all protective devices from the node to a 2KV breaker. It should show the applicable emergency generator and transfer switches along with physical locations of all protective devices.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Circuit breakers should have an appropriate device to prevent casual, accidental operation and they should be physically identified as part of the ICS System.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Each battery (DC) system should have on file a single line drawing indicating all protective devices and their physical locations.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Accountability should be assigned for maintaining and updating this drawing.	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Loose ground connection	
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No telephone installed next to Halon switch	

BUILDING: B10B

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No written record of generator testing and maintenance was evident		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Unterminated cable in fire alarm control cabinet		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Unterminated wire hanging from ceiling near door		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Ground wire in cable tray		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	A/C external cutoff switches are unprotected; one is subject to accidental trip from pallet storage		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	A/C top-mounted grill is unprotected; eucalyptus leaves and other debris is accumulating inside.		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Inadequate clearance for electrical meter; there is evidence of past damage		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No emergency lighting		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Replacement of fluorescent lamps is awkward and possibly hazardous		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Door security is inadequate; can be easily forced		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No Laboratory P.A. speaker		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Caution notices are flimsy and impermanently mounted		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Slide panels on generator are unlocked		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Sign indicates to "Turn off alarms before servicing A/C units" but no formal procedure is provided.		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Temporary "sticky-paper" LBLnet labels are falling off		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	List of personnel and phone numbers to be notified in case of trouble not posted		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Labels on A/C controls don't match equipment designations		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Wire reels are suspended in passageway at head/eye level; possible hazard		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Floor plates covering the cable tray are inadequate (could fall in)		

BUILDING: B10B

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	There is a sign on exterior door to identify facility as part of the LBL telephone system.		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	Top on IM cabinet is partially open		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	Chain for Brintec hex-nut tool has been left dangling after tool was removed		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	Broken ceiling tile	Repair	
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	Access to node building is difficult because of debris and clutter		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	Interduct for fibreoptic cable is broken		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	Unmounted, loose equipment panels about--one on floor, one on meter box		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	ICS feeder breaker in Building 10 Hibay is padlocked. If padlock is needed, installation design should be reviewed to eliminate the need for padlock.		
100	Information and Computing Sciences KCSRRC Walkthrough 10-25-90	(1) Lack of master control disconnect switch at exit for use by fire department; (2) transfer switches not identified for emergency use; (3) some boxes and enclosures for emergency circuits not marked accordingly; (4) equipment rooms lacked permanent signs indicating type and location of on-site emergency power sources.		

BUILDING: B18

Applied Science Pre-Tiger Self-Assessment	11/16/90	Improve exit I.D.		Cairns, E.J.

BUILDING: B26

EPH&S Self Assessment	11/20/90	SPCC plan needs more detail added.	Plan to be reviewed and upgraded.	Pauer, R.

BUILDING: B29c

Applied Science Pre-Tiger Self-Assessment	11/21/90	no OSHA poster		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	no "room capacity" or "floor loading" signs		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	no first aid kits in vicinity		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	no program in place for the periodic instruction on fire extinguisher use		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	no provision for cleaning of worksite apart from emptying of trash bins		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	overhead fluorescent lighting insufficient for detailed office work		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	no fire doors within trailer		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	extension cords are not clamped down		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/21/90	seismic tie-down of bookcases, file cabinets & coat racks		Cairns, E.J.

BUILDING: B29c

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100-102/ 107	Applied Science Pre-Tiger Self-Assessment 11/21/90	books stored on shelves higher than 6 feet		Cairns, E.J.
100-104	Applied Science Pre-Tiger Self-Assessment 11/21/90	plies of papers/boxes on top of filecabinets/bookshelves		Cairns, E.J.
100,101	Applied Science Pre-Tiger Self-Assessment 11/21/90	lack of 3' clearance in front of circuit breakers		Cairns, E.J.
100,106	Applied Science Pre-Tiger Self-Assessment 11/21/90	heavy objects above 3' not secured		Cairns, E.J.
100,107	Applied Science Pre-Tiger Self-Assessment 11/21/90	material on elevated surfaces not tied down		Cairns, E.J.
101-108	Applied Science Pre-Tiger Self-Assessment 11/21/90	combustible material (i.e., printer paper) stored underneath tables		Cairns, E.J.
101,108	Applied Science Pre-Tiger Self-Assessment 11/21/90	computer output boxes stored under tables		Cairns, E.J.
102	Applied Science Pre-Tiger Self-Assessment 11/20/90	document training		Cairns, E.J.
102	Applied Science Pre-Tiger Self-Assessment 11/20/90	first aid kit		Cairns, E.J.
102	Applied Science Pre-Tiger Self-Assessment 11/20/90	improve worksite		Cairns, E.J.
102	Applied Science Pre-Tiger Self-Assessment 11/20/90	clips on bookcase		Cairns, E.J.
102	Applied Science Pre-Tiger Self-Assessment 11/20/90	fix houseplant		Cairns, E.J.
102	Applied Science Pre-Tiger Self-Assessment 11/21/90	refrigerator attached via an extension cord		Cairns, E.J.
103	Applied Science Pre-Tiger Self-Assessment 11/21/90	houseplant not secured		Cairns, E.J.
107	Applied Science Pre-Tiger Self-Assessment 11/21/90	books/journals stored too close to ceiling		Cairns, E.J.
107	Applied Science Pre-Tiger Self-Assessment 11/21/90	old electrical outlet box not yet replaced		Cairns, E.J.
107	Applied Science Pre-Tiger Self-Assessment 11/21/90	buildup of static electricity on terminal screen		Cairns, E.J.

BUILDING: B44

101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	need exit sign on door		Cairns, E.J.
101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	need additional housekeeping		Cairns, E.J.
101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	are fluorescent lamp restraints needed?		Cairns, E.J.
101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	need additional lips on bookshelves		Cairns, E.J.
101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	need additional lips on bookshelves		Cairns, E.J.
101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	need 'Not An Exit' sign for bathroom		Cairns, E.J.
101A	Applied Science Pre-Tiger Self-Assessment 11/26/90	tie-down computer-P.C.		Cairns, E.J.

BUILDING: B44

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
103	Applied Science Pre-Tiger Self-Assessment 11/26/90	need toner disposal can?		Cairns, E.J.
104	Applied Science Pre-Tiger Self-Assessment 11/26/90	secure houseplant		Cairns, E.J.
All	Applied Science Pre-Tiger Self-Assessment 11/26/90	need co MSDS		Cairns, E.J.
All	Applied Science Pre-Tiger Self-Assessment 11/26/90	provide for fire extinguisher training		Cairns, E.J.
All	Applied Science Pre-Tiger Self-Assessment 11/26/90	improve housecleaning		Cairns, E.J.
All	Applied Science Pre-Tiger Self-Assessment 11/26/90	post 'No Smoking' sign		Cairns, E.J.
All	Applied Science Pre-Tiger Self-Assessment 11/26/90	need additional bookshelve lips		Cairns, E.J.
outside	Applied Science Pre-Tiger Self-Assessment 11/26/90	replace outside sprinkler head		Cairns, E.J.

BUILDING: B44B

101	Applied Science Pre-Tiger Self-Assessment 11/29/90	bolt tool boxes to work bench		Cairns, E.J.
101	Applied Science Pre-Tiger Self-Assessment 11/29/90	detach extension cord from west work bench		Cairns, E.J.
101	Applied Science Pre-Tiger Self-Assessment 11/29/90	add lips to work bench		Cairns, E.J.
101-108	Applied Science Pre-Tiger Self-Assessment 11/29/90	add emergency exit signs		Cairns, E.J.
104	Applied Science Pre-Tiger Self-Assessment 11/29/90	new plug for toaster		Cairns, E.J.
104	Applied Science Pre-Tiger Self-Assessment 11/29/90	new AC cover plate		Cairns, E.J.
106	Applied Science Pre-Tiger Self-Assessment 11/29/90	need overhead lamp cover		Cairns, E.J.
108	Applied Science Pre-Tiger Self-Assessment 11/29/90	need 'Food Only' label on ice box		Cairns, E.J.
107,108	Applied Science Pre-Tiger Self-Assessment 11/29/90	need panel schedule for breaker box		Cairns, E.J.
hall	Applied Science Pre-Tiger Self-Assessment 11/29/90	need GFI receptacle near watercooler		Cairns, E.J.

BUILDING: B48A

EPH&S		Air pressure guage		Rhoades
OSHA	6/25/90			
EPH&S		Gas cylinder storage		Rhoades
OSHA	6/25/90			

BUILDING: B55A

Int	RMRB WT-90	CLEAN UP CLUTTER IN EAST ROOM	INFORMED	
Int	RMRB WT-90	BLACK BOOKSHELF AND SMALLER BOOKSHELF BY EAST DOOR	DONE	No
Int	RMRB WT-90	"DO NOT STORE STUFF ON TOP OF BOOKSHELF OR FILE CABINETS UNLESS 3" LIP ON TOP"	DONE	No
Int	RMRB WT-90	GREEN AND BEIGE FILE CABINETS NEXT TO GELMAN'S DESK	TO DO	

BUILDING: B55A

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
Int	RMRB WT-90	SMALL BOOKSHELVES NEAR GELMAN DESK	TO DO	
Int	RMRB WT-90	STORAGE CABINET IN WEST SIDE	TO DO	
Int	RMRB WT-90	FILE CABINET (EBERLING AREA)	TO DO	
Int	RMRB WT-90	FILE CABINETS OUTSIDE OF BATHROOM		
Tlr	RMRB SC-90	Needs PA speaker		

BUILDING: B62B

100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	(1) Lack of master control disconnect switch at exit for use by fire department; (2) transfer switches not identified for emergency use; (3) some boxes and enclosures for emergency circuits not marked accordingly; (4) equipment rooms lacked permanent signs indicating type and location of on-site emergency power sources.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Formal lockout/tagout procedures are lacking. Review needed to determine if they are necessary.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	An electrical single line drawing should be on file showing the only power route through all protective devices from the node to a 2KV breaker. It should show the applicable emergency generator and transfer switches along with physical locations of all protective devices.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Many labels are of improper material, improperly affixed, and indicate improper equipment designations. This pertains to ancillary equipment such as A/C controls and thermostats as well as for primary equipment.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Circuit breakers should have an appropriate device to prevent casual, accidental operation and they should be physically identified as part of the ICS System.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Each battery (DC) system should have on file a single line drawing indicating all protective devices and their physical locations. Accountability should be assigned for maintaining and updating this drawing.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Cardkey installation is stapled and not in conduit	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Fibre optic conduit has no fireblocking	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	The ground to the IM cabinet appears to be inadequate	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Loose ground to battery	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Principal groundwire not bonded to conduit	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Terminals not seismically secured	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Room light switch is located on entry side of doorway instead of handle side.	
100	Information and Computing Sciences ICSRRC Walkthrough	10-25-90	Alarm switches are located on handle side of entry doorway	

BUILDING: B62B

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Unused bolts protrude from floor in NE corner		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Table top space is too small for workstation		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	LBLnet equipment is stacked six high with no seismic tiedown		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No cover over battery bus		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Debris should be removed from top of meter cabinet and on floor		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Spare cable is not secured		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No telephone installed next to Halon switch		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No written record of generator testing and maintenance was evident		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Ground wire in cable tray		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	A/C top-mounted grill is unprotected; pine needles and other debris is accumulating inside.		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No emergency lighting		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Replacement of fluorescent lamps is awkward and possibly hazardous		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Door security is inadequate; can be easily forced		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	No Laboratory P.A. speaker service.		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Caution notices are flimsy and impermenently mounted.		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Side panels on generator are unlocked		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Sign indicates to "Turn off alarms before servicing A/C units" but no formal procedure is provided.		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	Temporary "sticky-paper" LBLnet labels are falling off		
100	Information and Computing Sciences ICSRRC Walkthrough 10-25-90	List of personnel and phone numbers to be notified in case of trouble not posted.		

BUILDING: B62B

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Labels on A/C controls don't match equipment designations		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Wire reels are suspended in passageway at head/eye level; possible hazard		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	There is a sign on exterior door to identify facility as part of the LBL telephone system.		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Chain for BRIntec hex-nut tool has been left dangling after tool was removed		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Broken ceiling tile		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Orange linderduct is broken and loose		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Unmounted, loose equipment panel stored against south wall		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	Open top on IM Cabinet		
100	Information and Computing Sciences ICSRRRC Walkthrough 10-25-90	(1) Lack of master control disconnect switch at exit for use by fire department; (2) transfer switches not identified for emergency use; (3) some boxes and enclosures for emergency circuits not marked accordingly; (4) equipment rooms lacked permanent signs indicating type and location of on-site emergency power sources.		

BUILDING: B67c

Applied Science Pre-Tiger Self-Assessment	11/9/90	"no smoking" signs to be posted		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/9/90	"Hazardous waste dumping in sink not allowed" sign needed		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/9/90	OSHA poster needed		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/9/90	emergency phone numbers sign needed		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/9/90	spring on exit door needs to be reattached for "fire door"		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/9/90	notice of location of MSDS to be posted on solvent cabinet		Cairns, E.J.
Applied Science Pre-Tiger Self-Assessment	11/9/90	general cleanup "housekeeping"		Cairns, E.J.

BUILDING: B75

EPH&S Self Assessment	11/21/90	Inappropriate media is used and measurement/sampling efficiencies have not been established for a number of non-compliance stacks/workplaces.	Perform evaluations	Schletmer, G.
EPH&S Self Assessment	11/21/90	Action levels have not been established for all environmental sample types.	Finish plan	Schletmer, G.
EPH&S Self Assessment	11/21/90	Insufficient formal review of environmental and efficient data - monthly reports are not written and distributed.	Reinstitute reviews	Schletmer, G.

BUILDING: B75

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EPH&S Self Assessment	11/21/90	Computer codes for sample data management are somewhat ad hoc, minimally documented, have not been independently reviewed and contain no current provision for accepting radiochemical assay data for specific nuclides other than Tritium and radioiodine of Carbon-14.	Develop plan/write and document codes	Schletmer, G.
EPH&S Self Assessment	11/21/90	Environmental workplace and efficient monitoring data is not archived/stored in accordance with DOE Order 1324.2A	Develop plan and institute activity	Schletmer, G.
EPH&S DOE/SAN LBL-Transport &	??	LBL should document evaluation of commercial hazardous waste facilities for compliance with regulations and best management practices.	LBL will obtain formal documentation from other DOE contractors, or will evaluate and document new facilities.	Aune, R.
EPH&S Self Assessment	11/12/90	Job Task Analysis for all EH&S personnel not done (Note: of special importance is the Health & Safety Technicians). This means that necessary training has not been completely identified, and, therefore, has not been completed.	Analyze safety aspects of job tasks. Identify necessary training. Provide training and retraining.	Bernstein, M.
EPH&S Self Assessment	11/12/90	Training plans for EH&S Training Programs are incomplete. These include formal programs necessary for laser safety, hearing conservation, respirator training, confined space entry, lock out/tag out, biohazards, and waste minimization/pollution control.	Develop formal training plans for new and existing EH&S training programs.	Bernstein, M.
EPH&S Self Assessment	11/12/90	Training for the emergency response duties of EH&S personnel is insufficient.	Analyze emergency response duties and compare with capabilities. Identify necessary training and implement.	Bernstein, M.
EPH&S Self Assessment	11/5/90	No formal program to provide retraining over 2 years for radiation protection technicians (DOE Order 5480.11). Last retraining was 1988. Some retraining was provided in Jan. 1990 in instrumentation, but this was not part of a formal on-going program.	Develop retraining program for radiation protection technicians.	Bernstein, M.
EPH&S Self Assessment	11/12/90	At this time, NO clear plans in replacing the retiring personnel in EH&S: Haley, Aune, Jelonek, etc.	Make plans for retirement of EH&S personnel	Haley, J.
EPH&S Self Assessment	11/12/90	No coverage of Rad material areas when safety reps are sick or on vacation. Operations lack depth in its staff. No back-up Rad-Material trainer.	Hire additional staff to fill in as needed	Haley, J.
EPH&S Self Assessment	11/12/90	Health Phy. Radiation Protection courses for LBL personnel must be developed: 1) 2 year retraining 2) Occupational worker 3) Formal glove box course.	Develop and conduct training courses	Haley, J.
EPH&S Self Assessment	11/12/90	Health Physics: E&SHC Operations has missed three months of radiation surveys this year because of waste disposal pick-ups, monitoring duties, and sickness.	Waste pickup has been contracted to outside firm. This should allow Operations personnel to catch up with normal routines.	Haley, J.
EPH&S Self Assessment		Analysis and write-up of reports on previous measurements and experiments for characterization of neutron fields. Cost: MI (Multiple Items).	Provide manpower to carry out analysis and writings.	McCaslin, J.
EPH&S Self Assessment		Measurement capabilities of HP Group have deteriorated due to lack of manpower.	New staff is required to continue to take measurements with present equipment, and to develop new techniques. Requires technician of high caliber.	McCaslin, J.
EPH&S Self Assessment		Importation and development of large radiation transport codes for shielding purposes needs to be done.	Provide manpower	McCaslin, J.
EPH&S Self Assessment		Development of personal dosimetry for evaluation of neutron dose assessment is lacking	Provide manpower to develop system. Immediate need for another technician.	Greenhouse, A.
EPH&S Self Assessment	11/9/90	PDO slide show for issuing personal dosimeters needs updating to include new TLD's.	Create new training video for issuing personal dosimeters	Greenhouse, A.
EPH&S Self Assessment	11/9/90	Training of staff in new procedure, QA of data.	Training, write QA plans	Greenhouse, A.
EPH&S Self Assessment	11/9/90	Backup required for dosimeter data.	Put data into VAX machine	Greenhouse, A.
EPH&S Self Assessment	11/9/90	Development work to produce better dosimeter for neutrons in high energy accelerator environment is lagging behind.	More effort on R&D required.	Greenhouse, A.
EPH&S Self Assessment	11/9/90	Procedures for new TLD program have not been developed. Needed for DOE LAP certification.	Contractor to assist with writing new procedures.	Greenhouse, A.
EPH&S Self Assessment	11/20/90	QA program for instrument calibration is deficient.	Additional staff is needed to implement this program.	McCaslin, J.

BUILDING: B75

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment 12/7/90	Formal programs for E&SHC staff development, training, and certification in EPH&S are inadequate	Develop formal programs	Young, J.

BUILDING: B75 HWHF

	EPH&S Self Assessment 11/90	Written procedures needed for waste streams: collection segregation, packaging & transportation	Write procedures as required	Aune, R.
	EPH&S Self Assessment 11/90	Training needed with EH&S and FD personnel for hazmat response. Should include FD, Earthquake and Ind. Safety concerns.	Carry out training as needed.	Aune, R.
	EPH&S Self Assessment 11/90	Training required for EH&S personnel for chemical, safety, regs transportation, SCBA, First aid, and emergency response.	Carry out training as needed	Aune, R.
	EPH&S Self Assessment 11/90	Training needed for personnel re: Generators: large generators, small generators.	Training currently underway	Aune, R.
	EPH&S Self Assessment 11/90	Helpers/laborers require training	Provide training as needed	Aune, R.
	EPH&S Self Assessment 11/90	Radiation Protection training should be provided for Reggie & James.	Train as needed	Aune, R.
	EPH&S Self Assessment 11/90	Trace waste-stream from generator to end point.	Keep records as needed	Aune, R.
	EPH&S Self Assessment 11/911/900	No daily record of activities for each person	Keep records as needed	Aune, R.
	EPH&S Self Assessment 11/90	Need weekly safety inspections of facility and drum integrity.	Provide records as needed	Aune, R.
	EPH&S Self Assessment 11/90	Need specific reports for spill safety, integrity of safety equipment, area safety.	Provide records as needed	Aune, R.
	EPH&S Self Assessment 11/90	Need specific written procedures for EH&S personnel in handling waste for each waste stream.	Write procedures as required	Aune, R.
	EPH&S Self Assessment 11/90	Lack written instructions as to when to analyze waste: (1) for Quality Assurance, and (2) mandatory for disposal.	Write procedures as needed	Aune, R.
	EPH&S Self Assessment 11/90	Require written procedure for unknowns at generator site including how to ID or analyze, if required.	Write procedures as needed	Aune, R.
	EPH&S Self Assessment 11/90	Require emergency spill and accident procedure for specific waste streams.	Write procedures as needed	Aune, R.
	EPH&S Self Assessment 11/90	Require procedure for filling out manifest	Write procedures as needed	Aune, R.
	EPH&S Self Assessment 11/90	Work out procedures for each waste stream.	Write procedures as needed	Aune, R.
	EPH&S Self Assessment 11/90	Need to check contractor activities and vehicles.	Monitor transportation of waste	Aune, R.
	EPH&S Self Assessment 11/90	Check chemical inventory; not to exceed certain limits.	Provide Quality Assurance as needed	Aune, R.
	EPH&S Self Assessment 11/90	Manifesting transportation of waste	Provide QA as needed	Aune, R.
	EPH&S Self Assessment 11/90	Transportation of waste: on-site drum transportation	Provide written procedures, QA.	Aune, R.
	EPH&S Self Assessment 11/90	Need additional work area, cover, berm for run-on control.	Upgrade facility	Aune, R.
	EPH&S Self Assessment 11/90	Need PCB area to be created in B75A	Upgrade facility as needed	Aune, R.
	EPH&S Self Assessment 11/12/90	Two current hazardous waste technicians have received no formal radiation safety training (James & Reggie).	Provide radiation safety training on-site or send personnel off-site. If training is given off-site, include on-the-job training component.	Bernstein, M.
	EPH&S Self Assessment 11/12/90	No radiation emergency training exercise for the HWHF or radiation protection personnel during this last year	Conduct training exercise	Haley, J.
	EPH&S Self Assessment 11/12/90	Waste Disposal: HWHF needs a safety assessment for allowable amounts of rad-materials.	Develop safety assessment	Haley, J.
	EPH&S Self Assessment 11/12/90	Health Physics: to perform formal reviews of LBL Radioactive Material Laboratory. Checks are needed on ventilation (room hoods, glove boxes), air sample placement, procedures, training, personnel dosimetry, signs, housekeeping.	Conduct formal reviews; additional manpower required	Haley, J.

BUILDING: B75 HWHF

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment 11/12/90	Waste Disposal: Need Health & Safety Technician to assist with hazardous and radiological waste disposal.	Position was opened and advertised 10/90	Haley, J.

BUILDING: B75A

	EPH&S Self Assessment 11/90	Mixed wastes and TRU are not disposed of in a timely manner.	Pending resolution of problem by DOE	Aune, R.

BUILDING: B75B

	EPH&S DHS Assessment 12/7/90	LBL is not in compliance with all requirements of its Part B Permit with the State of California.	Labeling, segregation of wastes, training of employees, physical barriers to isolate hazardous waste areas, secondary containment, storage > 90 days, storage over approved capacity limits will be addressed as expeditiously as possible.	Young, J.
	EPH&S Self Assessment 11/90	The number of operational safety procedures has increased while staff has not. As a result, issues and reviews are not always properly addressed nor always addressed in a thorough manner.	Allocate additional time and resources for proper review.	Bringham, P.
	EPH&S Self Assessment 11/90	Insufficient training for Program staff on OSHA type deficiencies and conduct of operations.	Allocate more time and resources for training.	Bringham, P.
	EPH&S Self Assessment 11/91	Incident Trend Analysis requires more effort. As a preventive measure, more time is necessary to become fully effective in aiding groups to identify and correct their problem areas. Insufficient resources.	Allocate more time and resources for analysis. Develop group safety awareness and acceptable methods of risk control.	Bringham, P.
	EPH&S Self Assessment 11/91	Individual Occurrence Reports need more time in follow-up. Increasing workload in this area.	Allocate more time and resources in this area. Develop group safety awareness.	Bringham, P.
	EPH&S Self Assessment 11/91	Health & Safety Manual requires periodic revisions	Staff to oversee and provide timely revisions.	Bringham, P.
	EPH&S Self Assessment 11/91	Understaffed for current demands.	Hire additional staff.	Bringham, P.
	EPH&S Self Assessment 11/20/90	Improper posting of radiation signs and delineation of areas.	Identification of radiological areas of non-compliance is underway. Controlled area signs will be posted in appropriate areas.	McCaslin, J.
	EPH&S Self Assessment 12/3/90	E&SHC files are not readily accessible	More effort required. 5 yr staffing plan to be reviewed.	Young, J.
	EPH&S Self Assessment 12/5/90	Personal incentives do not ensure the site manager is fully supportive of LBL ES&HC policy.	Set up personal incentive program	Young, J.
	EPH&S Self Assessment 12/7/90	A performance measurement system is not used by E&SHC managers to plan, budget, authorize, monitor and control ES&H activities on a day-to-day basis.	Create a system to accomplish this.	Young, J.
	EPH&S Self Assessment 12/7/90	The E&SHC Department does not meet all the requirements of DOE Order 5480.19, Conduct of Operations at DOE Facilities.	Plans will be formulated to come into compliance	Young, J.

BUILDING: B75E

	EPH&S OSHA 6/25/90	Exit route needs modification	Referred to PE	Hernandez

BUILDING: B76

	EPH&S Self Assessment 11/21/90	Not all radioactive standards are NBS traceable or of the same media/form as the samples counted.	Purchase standards/expand QA plan	Schleimer, G.

BUILDING: B76E

none	Administration Fire Inspection	Install the proper exit hardware that permits exiting from inside	install	

BUILDING: B76F

none	Administration Fire Inspection	Store oil drums adjacent to protected exit walls	relocate	

BUILDING: B7A

	ENGINEERING OSHA SELF 06/15/90	Do you have an active safety and health program in operation? OSHA Checklist #1.1		Yes November 27, 1990

BUILDING: Big C

none	INSTITUTIONAL Plant Ops-Self 11/30/90	Pad needs housekeeping, remove old 12kV cable & potheads	Provide custodial help to keep substations clean.	

BUILDING: Big C

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL Plant Ops-Self 11/30/90	PA speaker not permanently wired.	Permanently install all wiring.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Screws missing from cover plates by RV-6-C.	Replace all missing screws.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Station phone & cabinet no longer used, should be removed.	Remove old phone.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	No barriers to prevent cars from parking in area that is to be kept clear for access.	Install barriers and approved warning signs.	

BUILDING: Bio-Med

EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: radiation dose for workers in this area is primarily to the hands with a magnitude on the order of 10 mrem per preparation of radio-pharmaceutical dose.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: hand dose rate in the glove box can be as much as 5 R/hr with some procedures.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: although Finger ring dosimeters are used occasionally, they are not used routinely.	Kloepping, R.

BUILDING: Bio-Med and Nuclear

EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: there is no Laboratory specific safety training conducted or documented for participating guests at the Bio-Med or Nuclear Chemistry facilities.	Kloepping, R.

BUILDING: Bio-Med and Nuclear Science

EPH&S Self Assessment - MC 12/11/90	CONCERN (radiological protection procedures and posting): Bio-Med and Nuclear Science laboratories have not been provided with DOE Order requirements of standards and controls traceable to policy, to procedure, and for periodic review.	Kloepping, R.

BUILDING: Bio-Med Lab

EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: neither procedure nor other formal Safety Requirements document establish limits for radioactivity in the Bio-Med laboratory.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no radiological safety analysis performed on the Bio-Med operation, either on-site or off-site.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no safety assessment exists for handling of radio-nuclides in the Bio-Med lab.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no specific limit on the amount of radio-isotopes that can be brought into the Laboratory. There is a practical limit of about 50 mCi I-125 or up to one Ci of F-18 because of the radiation dose rate to hands.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: work with radioactivity is conducted on the bench top in the lab, primarily the radio-assay of doses of radio-pharmaceutical, which are typically 50 to 100 uCi of material.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no analysis has been performed on the Bio-Med glove box to determine the requirements and limitations for the glove boxes and hoods, nor does a procedure exist that implements the Pub 3000 requirements specifically for the Bio-Med laboratories.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	CONCERN (radiological protection procedures and posting): the protective measures employed for contamination controls are judgment based and do not have a recognizable or formal technical basis.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: a radioactive shipment box on a bench in the Bio-Med lab measured several mr/hr at the surface of the box indicating it still contained the radioactive shipment. The DOT radioactive shipment labels had been completely obliterated with marking pen and there were no other radioactive labels on the exterior of the box.	Kloepping, R.

BUILDING: Bio-Med Lab

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: hand dose in the Bio-Med lab glove boxes are on the order of 200 to 500 mrem/month.		Kloeppling, R.
	EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: dose to the body is on the order of 10 uR/hr while working in the lab.		Kloeppling, R.
	EPH&S Self Assessment - MC 12/11/90	CONCERN (External Radiation Dosimetry): extremity dosimetry devices are not being worn as required in DOE Order 5480.11 in all cases when performing work where extremity doses have a potential to exceed 5 rem in one year.		Kloeppling, R.
	EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: it is the opinion of the Bio-Med lab manager that HEPA filtering is needed on glove box used for loading generators.		Kloeppling, R.
	EPH&S Self Assessment - MC 12/11/90	CONCERN (External Radiation Dosimetry): no verification exists to prove the required HEPA filtration on the glove box exhaust is effective.		Kloeppling, R.
Life Science area	EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: the date of installation of glove box filters at the Life Science area could not be found, nor was there evidence of recent DOP penetration tests at that or any other HEPA filter.		Kloeppling, R.

BUILDING: Bldg 25

	EPH&S DHS Inspection 11/29/90	Tank storing hazardous waste must be labeled hazardous waste as well as building exterior.	Label tank and outside of building. Ruling includes tanks that store hazardous wastes even for neutralization purposes.	Yes December 5, 1990 Carr, C.
Wastewater Pretreatment Unit	EPH&S Self Assessment - Field Inspection 11/29/90	Incompatibles improperly stored.	DHS to check.	Pauer, R.
Wastewater Pretreatment Unit	EPH&S Self Assessment - Field Inspection 11/29/90	Rinsewater holding tanks need hazardous waste labels.	DHS to check.	Pauer, R.
Wastewater Pretreatment Unit	EPH&S Self Assessment - Field Inspection 11/29/90	PBR (Permit by Rule) requirements will be mentioned.	PBR requirements are currently being proposed, but not approved as of this date.	Pauer, R.

BUILDING: Bldg 25 - yard

	EPH&S DHS Inspection 11/29/90	Storage of incompatibles on-site.	Remove and/or correct position of incompatibles. Separate by secondary containment - space or berm.	Yes December 4, 1990 Carr, C.

BUILDING: Bldg 42

	EPH&S DHS Inspection 11/29/90	Hazardous waste stored in unlabeled drums with no accumulation date. E&SHC believed them to be exempt (per previous DOE inspector) as they were entering the recycle loop. New definition of "recycle" by DHS directs full hazardous waste treatment of these items. Examples: Magnesium chips and silver emulsion which are both recycled off-site.	Label, handle and store as hazardous waste.	Yes December 5, 1990 Marshall, P.

BUILDING: Bldg 42 Salvage

	EPH&S Self Assessment - Field Inspection 11/29/90	Date not completed on waste oil label.	Correctly label.	Pauer, R.
	EPH&S Self Assessment - Field Inspection 11/29/90	Magnesium chips need to be managed as a hazardous waste.	DHS to check.	Pauer, R.
	EPH&S Self Assessment - Field Inspection 11/29/90	PCB capacitor storage drum with (oil) rags markings.	Correct markings.	Pauer, R.
	EPH&S Self Assessment - Field Inspection 11/29/90	Batteries not capped.	Cap batteries.	Pauer, R.
	EPH&S Self Assessment - Field Inspection 11/29/90	No hazardous waste labels on photo solution containers.	Apply proper labels.	Pauer, R.

BUILDING: Bldg 42 Salvage

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment - Field Inspection	11/29/90	Photo solutions containers not properly capped.	Properly cap solution containers. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Blue residue on top of photo solution container.	 Pauer, R.

BUILDING: Bldg 51/64 - Waste

	EPH&S Self Assessment - Field Inspection	11/29/90	No issues noted.	 Pauer, R.

BUILDING: Bldg 53 - Waste Accumulation

	EPH&S Self Assessment - Field Inspection	11/29/90	Hazardous waste label missing on 5-gal. container.	Install proper label on container. Pauer, R.

BUILDING: Bldg 69

	EPH&S DHS Inspection	11/29/90	Bldg 69 is authorized for 50 55-gallon drums of organic solvents. Currently have 54 55-gallon drums.	Remove excess drums. Yes December 5, 1990 Aune, R.
	EPH&S DHS Inspection	11/29/90	DHS suggests that aisle space may be inadequate.	Under review by DHS.

BUILDING: Bldg 69 Drum Rack

	EPH&S Self Assessment - Field Inspection	11/29/90	Cracks in concrete containment.	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/19/90	Berm not high enough to prevent releases.	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Inadequate separation between drums.	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Inadequate security (fence needed).	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Drum storage in excess of permit limit.	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Water in holding tank (not seen by DHS)	 Pauer, R.

BUILDING: Bldg 69 - outside

	EPH&S DHS Inspection	11/29/90	Cracks in containment area.	Plans to remedy condition are already in the works. Aune, R.
	EPH&S DHS Inspection	11/29/90	Oil storage at Bldg 69 is not in permit; therefore, storage falls under the terms applied for generator areas.	Oil must be disposed of in a timely manner to comply with the 90-day allowable storage time for generator areas.
	EPH&S DHS Inspection	11/29/90	Oil tank storage has no label.	Label "Hazardous Waste." Yes December 5, 1990 Young, J.

BUILDING: Bldg 69 Waste Oil Tank

	EPH&S Self Assessment - Field Inspection	11/29/90	No hazardous waste label on tank.	Install hazardous waste label. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Waste Oil Tank not in permit.	 Pauer, R.

BUILDING: Bldg. 75 - Hazardous Waste

	EPH&S Self Assessment - Field Inspection	11/29/90	Liquid scintillation crushing operation is not in the existing (1983) permit.	Obtain proper permit. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Asbestos waste is not stored in drums as required in permit.	Correct storage. DHS to check. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	All waste stored in yard area must be in containment/storage sheds.	DHS to check. Correct storage problem. Pauer, R.

BUILDING: Bldg 75 - Hazardous Waste

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment - Field Inspection	11/29/90	Hazardous waste drum found covered with only the plastic cover protector.	Install proper cover on drum. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Hazardous waste drum found with extremely corroded top.	Install proper lid for drum. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Quantities of waste exceed permit limits.	DHS to check. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Sodium bicarbonate drum is labelled with hazardous waste label.	Label correctly. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Improper storage of incompatible wastes.	Store correctly. Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Improper separation of hazardous wastes.	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Hazardous waste labels missing on containers (especially lab packs).	 Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Lab pack containers not in permit.	DHS to check Pauer, R.

BUILDING: Bldg 75, Room 131

	EPH&S DHS Inspection	11/29/90	Storage of reactive waste is not a permitted procedure in Room 131 which has 15 25-gallon drums, 1 50-gallon drum, and several 12" x 29" containers and 5 gallon buckets.	Remove all reactive waste from USPCI Lab Pack processing room; reduce inventory by shipping waste to disposal site.	Aune, R.
	EPH&S DHS Inspection	11/29/90	Lab Pack containers are not correctly labeled.	Provide labeling as required.	Yes December 5, 1990 Aune, R.

BUILDING: Bldg 76 - Motor Pool

	EPH&S DHS Inspection	11/29/90	Unpermitted treatment unit is active. This falls under PBR, so will be cited but no enforcement enacted.	Include treatment unit in next permit. As this falls under PBR, operation will be permitted.	Maxon, C.

BUILDING: Bldg 76 Motor Pool Waste

	EPH&S Self Assessment - Field Inspection	11/29/90	Improper storage of incompatible wastes.	DHS to check.	Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	Oil/Waste separator sludge box and holding tanks need hazardous waste labels.	DHS to check.	Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	PBR requirements will be mentioned.	Permit by Rule requirements still being proposed - not approved at this time.	Pauer, R.

BUILDING: Bldg 77

	EPH&S DHS Inspection	11/29/90	One waste oil drum without Date of Accumulation on label. Required in order to be able to comply with storage time limitations.	Correct label.	Dutcher, C.
	EPH&S DHS Inspection	11/29/90	Lead bricks stored on the ground. This could create problems if bricks leach contaminant.	Correct storage to prevent future problems.	Dutcher, C.
	EPH&S DHS Inspection	11/29/90	Illegal storage of drums with dates showing drums held over 90-days.	Remove drums.	Yes December 5, 1990 Dutcher, C.
	EPH&S DHS Inspection	11/29/90	Unlabeled drums.	Label correctly.	Dutcher, C.

BUILDING: Bldg 77 Waste Accumulation

	EPH&S Self Assessment - Field Inspection	11/29/90	4 drums exceed 90-day storage limit.		Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	2 drums missing hazardous waste labels.		Pauer, R.
	EPH&S Self Assessment - Field Inspection	11/29/90	1 drum with "unknown" accumulation date.		Pauer, R.

BUILDING: Bldg 77 Wastewater

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier

BUILDING: Bldg 77 Wastewater

EPH&S Self Assessment - Field Inspection	11/29/90	No issues noted.		Pauer, R.

BUILDING: Bldg 77 - Wastge Coolant

EPH&S Self Assessment - Field Inspection	11/29/90	No issues noted.		Pauer, R.

BUILDING: Bkberry

none	INSTITUTIONAL Plant Ops-Self	11/30/90	Pad needs fire extinguisher.	Install a fire extinguisher.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Insufficient working clearance for circuit breakers feeding B55 & Blackberry trailers.	Provide approved clearance or relocate breakers.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	No fence & gate to restrict access from road or canyon.	Install a new approved fence with a lockable gate.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Pad needs fire extinguisher.	Install a fire extinguisher.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Phone line passes over HV switch to fence and down to extension phone.	Permanently install the phone line.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Cover to Bldg 55 main missing screws.	Replace all missing screws.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Bolts missing from ADF-3-BC back cover.	Replace all missing bolts.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Station phone & cabinet no longer used, should be removed.	Remove the old phone.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Misc. trench covers need to be removed.	Remove unused covers to salvage.
none	INSTITUTIONAL Plant Ops-Self	11/30/90	Pad needs housekeeping.	Provide custodial help to keep substations clean.

BUILDING: CDF

EPH&S Self Assessment		Possible re-design of CDF bulk shielding now that a specific site has been chosen which affords additional earth shielding.	Redesign shielding	McCaslin, J.

BUILDING: Cyclotron Facilities

EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: a shielded glove box used by the Bio-Med group to prepare short lived radioactive materials from the cyclotron is adjacent to a passage route. The passage is exposed to radiation from the unshielded back side access of the box.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: there is no procedure or check sheet used to provide for blocking or barricading the passageway for the short time the box contains radioactive material (several times each month).		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	CONCERN (radiological protection procedures and posting): a radiation barrier or ribbon is not being placed to inhibit employees from unknowingly entering the radiation fields occasionally emanating from the unshielded side of the glove box.		Kloepping, R.

BUILDING: Decontamination Lab

EPH&S Self Assessment - MC	12/11/90	Organization and administration: material with radioactive labels were found in a hood labeled "No radioactivity in this hood." This procedure should be monitored by management.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Organization and administration: a sign on a hood door in the Decontamination Laboratory stated the door should be closed when not in use. The door was open and no one was using the hood. Procedures should be monitored by management.		Kloepping, R.

BUILDING: Decontamination Lab

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: improper treatment: about 200 ml of an unknown liquid material in a stoppered glass container labeled "0.998 uCi Ra" was observed residing in an open cardboard box labeled "Swipe Test" on an open bench in the Decontamination laboratory.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: items to be disposed of were sitting on a Decontamination facility laboratory bench. The tags were not completed and the origin of the items and composition of the radio nuclides were not recorded.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	CONCERN (radiological protection procedures and posting): source and characteristics of the emitter of radioactivity are not being completely identified.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Internal radiation exposure control program: neither the HEPA filters on the glove boxes nor the filter on the compactor are tested.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	External Radiation Dosimetry: the hood was not marked to where the sash can be opened and still maintain 100 foot per minute opening limit.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Fixed and portable instrumentation: an instrument with a dead battery was found in service in the Decontamination Lab operating on AC power.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Air monitoring: an air monitor sampler hose exterior on the east end of the Decontamination Lab was observed to be badly deteriorated and may be leaking air.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Radiation monitoring/contamination control: all obsolete glove boxes awaiting disposal in this lab are not labeled "to be disposed of" or otherwise identified as not in service.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Radiation monitoring/contamination control: an open face glove box in this area contains a large amount of trash which appears may contain some radioactively contaminated material.		Kloepping, R.

BUILDING: Decontamination laboratory

EPH&S Self Assessment - MC	12/11/90	CONCERN (radiological protection procedures and posting): monitoring procedure for exhaust ducts from the waste compactor and storage cabinet does not provide assurance that airborne activity released during compaction will be measured and documented.		Kloepping, R.

BUILDING: E&SHC - Record Viewing

EPH&S DHS Inspection	11/29/90	Contingency Plan needs updating.	Update and keep current.	Aune, R.
EPH&S DHS Inspection	11/29/90	Manifests: Incompletely filled out, a few missing the State Generator No.	Fill in completely and accurately, including State Generator ID No.	
EPH&S DHS Inspection	11/29/90	Some Manifests have been returned unsigned for receipt of goods. LBL is still technically responsible for those items until signed off by receiver as having been successfully delivered.	An Exception Report must be filed with DHS in the event a manifest receipt is returned unsigned.	Aune, R.

BUILDING: FD.

EPH&S TSA	July, 89			R. Rhoades
EPH&S TSA	July, 89			R. Rhoades

BUILDING: Generator area - 75 yard

EPH&S DHS Inspection	11/29/90	Greatly exceed permit allowances for the storage of drums allowed on site. Original permit specified the number allowed, but they were of a different size.	Calculate storage capacity based upon original concept of 55 gal/drum.	Aune, R.
EPH&S DHS Inspection	11/29/90	PCB transformers not all stored under cover. Some are too large to fit into existing shed area. There is no other undercover area to store large PCB transformers; therefore, they must be disposed of within the 90-day period.	Store PCB transformers under cover. Unless stored in PCB shed (permitted area - 1 year storage), all storage of transformers must comply with 90-day time limitation within generator area.	Aune, R.

BUILDING: Generator areas

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier

BUILDING: Generator areas

EPH&S DHS Inspection	11/29/90	Items stored in "generator" area (yard) exceed permitted condition of maximum 90-day storage allowance.	Remove all items stored in excess of permitted 90-day period.	Aune, R.

BUILDING: Generator - storage areas

EPH&S DHS Inspection	11/29/90	Some unlabeled and incompletely labeled containers and drums within all storage and generator areas.	Check each and every label on every container for correctness; complete information is required. Note: Date of Accumulation is vital to enable compliance with time parameters cited in permit, and visibility of label is vital to facilitate weekly inspections. This will bring site into compliance with original permit dated 11/7/83.	Aune, R.

EPH&S DHS Inspection	11/29/90	Personnel responsible for inspections and storage of hazardous waste in the generator areas and storage areas are not aware of full contents of existing permit.	Provide effective on-the-job training which includes contents of the current permit.	Aune, R.

EPH&S DHS Inspection	11/29/90	Currently out of compliance with existing permit in several areas which are listed in E&SHC's self-assessment reports and reports of DHS Inspection (included). ITEM: DHS must be notified of non-compliance items; otherwise, we are in violation of permit.	Notify DHS immediately if out of compliance.	Aune, R.

EPH&S DHS Inspection	11/29/90	Hazardous waste intended for recycling is labeled and stored incorrectly.	Treat all hazardous waste that is to be recycled as normal hazardous waste. Immediately designate it as TSDF, label and handle as hazardous waste. Criteria: if it goes off-site, it is treated as a hazardous waste. Exempt: hazardous waste which is to be recycled on-site and re-enter our loop of usage.	Yes December 5, 1990 Aune, R.

BUILDING: Generator - storage areas (75)

EPH&S DHS Inspection	11/29/90	Incompatibles stored together in violation of permit. Example: acids stored next to bases.	Immediately segregate incompatibles based on the criteria of chemical compatibility; ship material for disposal.	Aune, R.

BUILDING: Grizzly

none Plant Ops-Self	11/30/90	EMH 118 not labeled.	Install a Manhole Number Tag.
none Plant Ops-Self	11/30/90	Pad area lighting selector switch not labeled.	Install an Equipment Number Label.
none Plant Ops-Self	11/30/90	Covers to SCADA terminal not installed.	Install proper covers.
none Plant Ops-Self	11/30/90	SCADA RTU cabinet not labeled.	Install an Equipment Number Label.
none Plant Ops-Self	11/30/90	Stubbed up conduit at N end of pad needs tape removed & cap installed.	Install a conduit cap.
none Plant Ops-Self	11/30/90	Space around PA conduit not sealed.	Seal with approved fire sating.
none Plant Ops-Self	11/30/90	Hole to S end of cable vault not sealed.	Install a conduit cap.
none Plant Ops-Self	11/30/90	Switchgear exhaust fans not labeled.	Install an Equipment Number Label.
none Plant Ops-Self	11/30/90	Switchgear needs housekeeping.	Provide custodial help to keep substations clean.

BUILDING: Heavy Element Lab

EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: graduate and undergraduate students working in the Heavy Element labs may not have had radio chemistry lab safety procedures instruction nor instruction safety procedures specific for the Heavy Element group lab facilities. It is not clear that the basic radio chemistry lab course they have taken covers these items.	Kloepping, R.

BUILDING: Heavy Elements Lab

EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: procedures do not clearly outline the operational safety responsibilities for the Heavy Elements group laboratories.	Kloepping, R.

BUILDING: Hill wide

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier

BUILDING: Hill wide

EPH&S Self Assessment	11/21/90	Sampling program and Quality Assurance reviews are informal and either not documented or poorly documented.	Develop plan and institute activity	Schletmer, G.

BUILDING: HMB

332	ESD EH&S elect	12/5/90	bookcase on top of lab bench is not secured	
332	ESD EH&S elect	12/5/90	much housekeeping needed	
332	ESD EH&S elect	12/5/90	staff needs elect. safety training.	
340A	ESD EH&S elect	12/5/90	exposed wiring in Unistrut	
340A	ESD EH&S elect	12/5/90	poorly secured wire tray	
340A	ESD EH&S elect	12/5/90	extension cords daisy chained	
340A	ESD EH&S elect	12/5/90	laboratory oven daisy chained	
340A	ESD EH&S elect	12/5/90	broken beaker sitting on table	
340A	ESD EH&S elect	12/5/90	large heating coil on table has no outer jacket	
340A	ESD EH&S elect	12/5/90	small heater on south wall is improperly connected	
340A	ESD EH&S elect	12/5/90	insufficient clearance in front of 440V is disconnected and not clearly labeled	
340A	ESD EH&S elect	12/5/90	power cord to heater tape on blue hydraulic press is spliced incorrectly	
340A	ESD EH&S elect	12/5/90	bottle of freon 13 laying in metal oil catch basin under pump	
340A	ESD EH&S elect	12/5/90	no exit signs over doors	
340A	ESD EH&S elect	12/5/90	one exit door is blocked from outside	
340A	ESD EH&S elect	12/5/90	many extension cords tied to conduits	
340A	ESD EH&S elect	12/5/90	need new Waber strip mounted in rack	
340A	ESD EH&S elect	12/5/90	insulation on power cord to motion controller is exposed	
340A	ESD EH&S elect	12/5/90	racks fed by flexible cord which are daisy chained	
340A	ESD EH&S elect	12/5/90	defective insulation on grey power cord.	
340A	ESD EH&S elect	12/5/90	old style Waber strip on floor in small computer room	
340A	ESD EH&S elect	12/5/90	insufficient clear work space	
340A	ESD EH&S elect	12/5/90	poor storage of combustible materials	
340A	ESD EH&S OSHA	12/5/90	sink outlets need GFI	
340A	ESD EH&S OSHA	12/5/90	heat tape on nitrogen dewar illegally spliced	
340A	ESD EH&S OSHA	12/5/90	portable vacuum pump needs belt guard	
340A	ESD EH&S OSHA	12/5/90	plug strip cable too small with non dead front plug	
340A	ESD EH&S OSHA	12/5/90	oil on floor in front of rack	
340A	ESD EH&S OSHA	12/5/90	nitrogen bottle blocks 2nd exit	
340A	ESD EH&S OSHA	12/5/90	2 wire metal lamp	

BUILDING: HMB

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
340A	ESD EH&S OSHA 12/5/90	need HV signs and guard on experiment		
340A	ESD EH&S OSHA 12/5/90	unguarded belts on test frame		
340A	ESD EH&S OSHA 12/5/90	split plug heat tape		

BUILDING: Industrial Hygiene

EPH&S Self Assessment 11/5/90	Not all confined spaces have been classified as to "procedure required" and "permit required" per ANSI Z117.1 - 1987	Approximately 0.3 FTE additional needed by EH&S	Buerer, A.

BUILDING: LAB WIDE

Information and Computing Sciences Random Observation 11/29/90	There is little attempt to do or encourage the recycling of solid waste.	Effective 12-5-90 Construction and Maintenance Dept revised waste collection and recycling practice to address the deficiency.
Information and Computing Sciences Random Observation 12/5/90	The Key Plan maps are not updated to reflect building modifications. There is no procedure to coordinate building drawing changes with the need to update the Key Plans.	
Information and Computing Sciences Random Observation 12/6/90	There is no integrated Laboratory database for maintaining up-to-date personnel information and making it available to applications that can use it. As a result important systems are not current, e.g., Account Authorization Manual, Property Master (PMAS) File, Building Manager Lists, etc.	
Information and Computing Sciences Random Observation 12/10/90	The grammar and spelling appearing in Laboratory written documents is often sloppy and text is ambiguous and unclear.	
Information and Computing Sciences Random Observation 12/13/90	The problem of the removal of old cables is complicated by the fact that some of them are in use...and the Laboratory has no record of which.	
Information and Computing Sciences Random Observation 12/13/90	"Current" drawings do not accurately reflect the actual LBL underground plant.	
Information and Computing Sciences	Ref the Tiger Team Preparation Manual for Supervisors. Training in Unusual Occurrence reporting has not yet been implemented (see p3).	Create and implement an appropriate training plan.
Information and Computing Sciences	Ref the Tiger Team Preparation Manual for Supervisors. Training in QA application to many ICSD operations do not exist (see p3).	Create and implement an appropriate training plan.

BUILDING: Lewis

303 Applied Science Pre-Tiger Self-Assessment 11/9/90	exit signs on door	Cairns, E.J.
303 Applied Science Pre-Tiger Self-Assessment 11/9/90	OSHA poster	Cairns, E.J.
303 Applied Science Pre-Tiger Self-Assessment 11/9/90	respirator fits	Cairns, E.J.
303 Applied Science Pre-Tiger Self-Assessment 11/9/90	industrial hygienist inspection	Cairns, E.J.
303 Applied Science Pre-Tiger Self-Assessment 11/9/90	GFI's installed near sinks by electrician (+general inspection)	Cairns, E.J.
303 Applied Science Pre-Tiger Self-Assessment 11/9/90	sprinkler system installed	Cairns, E.J.
307 Applied Science Pre-Tiger Self-Assessment 11/9/90	exit signs on doors	Cairns, E.J.
307 Applied Science Pre-Tiger Self-Assessment 11/9/90	OSHA poster	Cairns, E.J.
307 Applied Science Pre-Tiger Self-Assessment 11/9/90	safety showers not tested	Cairns, E.J.

BUILDING: Lewis

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
307	Applied Science Pre-Tiger Self-Assessment 11/9/90	no signs on sinks		Cairns, E.J.
307	Applied Science Pre-Tiger Self-Assessment 11/9/90	respirator fit test		Cairns, E.J.
307	Applied Science Pre-Tiger Self-Assessment 11/9/90	floors not vacuumed		Cairns, E.J.
307	Applied Science Pre-Tiger Self-Assessment 11/9/90	unable to properly evaluate elec. safety w/o inspector - GFI needed near sink		Cairns, E.J.
307	Applied Science Pre-Tiger Self-Assessment 11/9/90	houseplants not secured		Cairns, E.J.
307	Applied Science Pre-Tiger Self-Assessment 11/9/90	sprinkler system installed		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	electrical safety inspection		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	Industrial hygiene inspection		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	no sprinkler system		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	need OSHA poster		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	exit signs		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	non-potable water signs		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	GFI		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	power strips used permanently		Cairns, E.J.
311	Applied Science Pre-Tiger Self-Assessment 11/9/90	temperature oven power strip		Cairns, E.J.

BUILDING: Many

Information and Computing Sciences ISC Divisional Walkthrough 12-3-90	PacBell old cabling remaining in hallways is not approved for an exit corridor.	Remove
Information and Computing Sciences ISC Divisional Walkthrough 12-3-90	Penetrations from rooms and laboratories into corridors have no fire blocking	Provide

BUILDING: n53

013	AFRD AFRD 12/10/90	remove restraints from cords to ceiling fluorescent lamps

BUILDING: NA

EPH&S TSA July, '89	No independent review of Emerg. Prep. program since 1986.	Program to be reviewed in 1991	Sealy
EPH&S TSA July, '89	Master Emergency Plan not updated since 1987	Updated draft distributed for review November, '90.	Sealy

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
BUILDING: none				
none	Administration SAN	Inspection Program for electrical receptacles	This issue routine- regular, repetitive testing of all electrical convenience outlets - was not an LBL/DOE TSA finding. C&M Managers became aware of the fact that Tiger Teams had made this finding at two other labs and initiated an exploration of actions that might be required to satisfy a Tiger Team inquiry. Plant Engineering and the LBL Electrical Safety Committee will be asked to evaluate and define the actual code requirements for such a program, the frequencies, etc... An annual inspection of all electrical receptacles, if required, would involve more than one FTE. It is overly generous to characterize what we now have as an inspection program. C&M has one test instrument which has been assigned to the electrician	
none	Administration SAN	Plastic trash cans	We do not agree with the implications of this writeup that all LBL trash baskets must be metal. We have exchanged all of those in the B76 shop areas in accordance with our understanding of the code and the inspectors verbal presentation during his inspection.	
none	Administration SAN	Guards for fluorescent & incandescent lamps	C&M has some fixtures on it's mezzanines which could be a problem. A job order has been formulated to correct the condition. It is scheduled for completion in October. 10/4/90 - Job order activated (#111032); estimated cost \$300; estimated completion 10/19/90.	
none	Administration SAN	Equipment grounding program for all electrical hand tools not double insulated	The actual requirements for and of such a program are being explored by C&M. We have found a ground fault interrupting device that can be incorporated in the cord cap of now double insulated tools and may make regular performance testing unnecessary. We expect to know enough to establish a solid plan by mid-November. 10/4/90 - No new info.	
none	Administration SAN	Missing hook mousing devices on lifting devices	C&M is discussing this with Plant Engineering's Mitch Mikula and EH&S's Pete Bringham to define actual requirements. Mikula is ordering samples of devices that may be appropriate to add to hooks, expect to define plan in October and implement appropriate correction in Nov/Dec.	
none	Administration SAN	Crane inspection, testing, and maintenance program	C&M believes that LBL should respond in disagreement. The inspector acknowledged LBL crane inspection, testing, and maintenance program meets code minimum requirements. The codes are established to control production high use facilities. The existing program is probably overkill considering typical LBL usage in most facilities.	
none	Administration TSA	Fitness for duty policy for visitors	Revise P.O. & T&C, 12/3/90 Issue P&P memo, 12/31/90 Revise RPM, 12/31/90	
none	Administration TSA	Maintenance management program	DAC reviews & approves Maint Policy Draft, 12/31/90	
none	Administration TSA	Real property deterioration	Incorporate non prog RP needs into Budget submission, 9/30/91 Continue review of RP improv. & maint needs, 9/30/92	
none	Administration TSA	Preventive maintenance program	See MA I-1	
none	Administration TSA	Job order system	See MA I-1 & Eng Div	
none	Administration TSA	Tech info & procedures for control of maint.	Retain temp FTEs, 3/31/91 Develop overall Retention System & train personnel, 9/30/91	
none	Administration TSA	Control & documentation of design reviews & documents retention	Compl printing of manual, 12/31/90	
none	Administration TSA	Packaging & Transportation Management appraisal program	Approve revised Div. QAPP, 12/31/90	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration TSA	Badging & access control program	Comm. report to DAC, Mar, 1991	
none	Administration TSA	AML UBC code compl. for hazardous Labs	Continue fire stopping improvements	
none	Administration TSA	Fire loss self-insp. reviews & appraisals	Contingent on FPE Survey, 3/31/90	
none	Administration TSA	Conformance w/NFPA 101 life safety code	Begin FPE Survey, Jan, 1991 Complete FPE Survey, 9/30/91	
none	Administration TSA	Program interruption by fire	Contingent on FPE Survey, 9/30/91	
none	Administration TSA	Fire hazards analysis, fire risk assessment	Contingent on FPE Survey, 9/30/91	
none	Administration TSA	Max credible & possible fire loss values	Contingent on FPE Survey, 9/30/91	
none	Administration TSA	Fire property loss documentation	Contingent on FPE Survey, 9/30/91	
none	Administration TSA	Controlled use of ordinary lumber	Issue memo from C&M, 12/31/90 Survey existing use (FPE Survey), 9/30/91	
none	Administration TSA	Auto sprinkler protection not provided	Contingent on FPE Survey, 9/30/91	
none	Administration TSA	Use & handling of flammable liquids	Rec. remaining 4 Fork Lifts on order by 1/31/91	
none	Administration TSA	Controlled use of combustible elect. cables	Issue P&P memo, 12/31/90 Revision of PUB 3000 (ESRC), 9/30/91 Survey existing use (FPE Survey), 9/30/91	
none	Administration Fire Inspection	Identify the chemicals & materials being used to determine if a ventilated fume hood is req.	evaluate	
none	Administration M&O	11/18/90 Training Plan	Get sample - develop OSRA Training Plan	
none	Administration M&O	11/18/90 Org Chart: Chart of Safety responsibilities	establish	Yes November 30, 1990
none	Administration M&O	11/18/90 Org Chart: QA Resp. on chart	establish	Yes November 30, 1990
none	Administration M&O	11/18/90 Org chart: Job titles on chart	establish	Yes November 30, 1990
none	Administration M&O	11/18/90 Job Disc: up to date	establish	
none	Administration M&O	11/18/90 Job Disc: up to date	establish	
none	Administration M&O	11/18/90 Job Disc: ES&H Resp & authority	establish	
none	Administration M&O	11/18/90 Job Disc: ES&H Resp & authority	establish	
none	Administration M&O	11/18/90 Job Disc: ES&H Resp & authority	establish	
none	Administration M&O	11/18/90 Job Disc: ES&H Resp & authority	establish	
none	Administration M&O	11/18/90 Job Disc: in computer readable form	establish	
none	Administration M&O	11/18/90 Job Disc: in computer readable form	establish	
none	Administration M&O	11/18/90 Job Disc: in computer readable form	establish	
none	Administration M&O	11/18/90 Position Desc: avail to empl.	establish	
none	Administration M&O	11/18/90 Position Desc: avail to empl.	establish	
none	Administration M&O	11/18/90 Position Desc: avail to empl.	establish	
none	Administration M&O	11/18/90 Position Desc: avail to empl.	establish	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration M&O 11/18/90	Perf. App: done for 1990	do	
none	Administration M&O 11/18/90	Perf. App: done for 1990	do	
none	Administration M&O 11/18/90	Perf. App: done for 1990	do	
none	Administration M&O 11/18/90	Perf. App: done for 1990	do	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf App: was EH&S resp reflected	establish	
none	Administration M&O 11/18/90	Perf Appr: additional resp. (safety committee) incl.	establish	
none	Administration M&O 11/18/90	Perf Appr: additional resp. (safety committee) incl.	establish	
none	Administration M&O 11/18/90	Perf Appr: additional resp. (safety committee) incl.	establish	
none	Administration M&O 11/18/90	Perf Appr: additional resp. (safety committee) incl.	establish	
none	Administration M&O 11/18/90	Perf Appr: additional resp. (safety committee) incl.	establish	
none	Administration M&O 11/18/90	Perf Appr: additional resp. (safety committee) incl.	establish	
none	Administration M&O 11/18/90	QA: Supervisors trained	establish	
none	Administration M&O 11/18/90	QA: Supervisors trained	establish	
none	Administration M&O 11/18/90	QA: Supervisors trained	establish	
none	Administration M&O 11/18/90	QA: ES&H issues in Div/Dept QA plan	establish	
none	Administration M&O 11/18/90	Training Plan	establish	
none	Administration M&O 11/18/90	Training Plan Needed	establish	
none	Administration M&O 11/18/90	Training Plan	establish	
none	Administration M&O 11/18/90	Training Plan	establish	
none	Administration M&O 11/18/90	Training Plan	establish	
none	Administration M&O 11/18/90	Training Plan	establish	
none	Administration M&O 11/18/90	Training Plan	establish	
none	Administration M&O 11/18/90	Training: Div/Dept Responsibility	establish	
none	Administration M&O 11/18/90	Training: Div/Dept Responsibility	establish	
none	Administration M&O 11/18/90	Training: Div/Dept Responsibility	establish	
none	Administration M&O 11/18/90	Training: Div/Dept Responsibility	establish	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration M&O 11/18/90	Div Safety Comm	establish	
none	Administration M&O 11/18/90	Dept/Div Safety Comm Charter	Work with CFO to modify existing Charter	
none	Administration M&O 11/18/90	Dept/Div Safety Comm Charter	establish	
none	Administration M&O 11/18/90	Dept/Div Safety Comm Charter	establish	
none	Administration M&O 11/18/90	Safety Comm: authority & resp. communicated to emp.	establish	
none	Administration M&O 11/18/90	Lessons learned: cross checks	establish	
none	Administration M&O 11/18/90	Lessons learned: cross checks	establish	
none	Administration M&O 11/18/90	Lessons learned: cross checks	establish	
none	Administration M&O 11/18/90	Lessons: ES&H disc at group mtg	establish	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	CFO/OSRA Safety Comm will beg. minutes	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	establish	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	establish	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	establish	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	establish	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	establish	
none	Administration M&O 11/18/90	Lessons: minutes of discussions	establish	
none	Administration M&O 11/18/90	Lessons: policy on UOR's	establish	
none	Administration M&O 11/18/90	Lessons: policy on UOR's	establish	
none	Administration M&O 11/18/90	Lessons: policy on UOR's	establish	
none	Administration M&O 11/18/90	Lessons: policy on UOR's	establish	
none	Administration M&O 11/18/90	Lessons: policy on UOR's	establish	
none	Administration M&O 11/18/90	Space Mgmt: Safety personnel in each area	ACTUAL DATE COMPLETED _____? Completed per Dept Heads MO checklist.	Yes December 12, 1990
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	Get sample for and doc. staff mtgs	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	Yes November 15, 1990
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Communications: adequate doc of mtgs, etc	establish	
none	Administration M&O 11/18/90	Planning: HR plans	Get sample plan and develop OSRA HR Plan	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration M&O 11/18/90	Planning: HR plans	establish	
none	Administration M&O 11/18/90	Planning: HR plans	establish	
none	Administration M&O 11/18/90	Planning: HR plans	establish	
none	Administration M&O 11/18/90	Planning: HR plans	establish	
none	Administration Envir. Compl. 11/20/90	AQ: Refrig Units Monitered	establish	
none	Administration Envir. Compl. 11/20/90	AQ: Oper. Proc for air handling dev.	establish	
none	Administration Envir. Compl. 11/20/90	AQ: Laminar flow certification current	establish	
none	Administration Envir. Compl. 11/20/90	AQ: flow checked & dated	establish	
none	Administration Envir. Compl. 11/20/90	AQ: training on degreasers etc.	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	AQ: staff awareness	establish	
none	Administration Envir. Compl. 11/20/90	WQ: Monitoring systems	establish	
none	Administration Envir. Compl. 11/20/90	WQ: Back flow device	establish	
none	Administration Envir. Compl. 11/20/90	WQ: Back flow device	establish	
none	Administration Envir. Compl. 11/20/90	WQ: Ground spill control	establish	
none	Administration Envir. Compl. 11/20/90	WQ: evidence waste entry to environment	establish	
none	Administration Envir. Compl. 11/20/90	WQ: evidence waste entry to environment	establish	
none	Administration Envir. Compl. 11/20/90	WQ: evidence waste entry to environment	establish	
none	Administration Envir. Compl. 11/20/90	WQ: evidence waste entry to environment	establish	
none	Administration Envir. Compl. 11/20/90	WQ: evidence waste entry to environment	establish	

BUILDING: none

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Envir. Compl. 11/20/90	WG: leaks enter storm drains	establish	
none	Administration Envir. Compl. 11/20/90	WG: leaks enter storm drains	establish	
none	Administration Envir. Compl. 11/20/90	WG: leaks enter storm drains	establish	
none	Administration Envir. Compl. 11/20/90	WG: Permits/Regs in place	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	WG: Awareness by staff	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Proc to avoid release	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Containment procedures	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: spill kits/plan evident	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: spill kits/plan evident	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: spill kits/plan evident	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: spill kits/plan evident	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: spill kits/plan evident	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Phone # & plan for emerg. resp. avail.	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Phone # & plan for emerg. resp. avail.	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Phone # & plan for emerg. resp. avail.	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Phone # & plan for emerg. resp. avail.	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Phone # & plan for emerg. resp. avail.	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste Min. Plan	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste Min. Plan	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Inv. Available	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Storage OK	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Storage OK	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Storage OK	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Storage OK	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: up to date training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: up to date training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: up to date training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: up to date training	establish	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Envir. Compl. 11/20/90	Haz Chem: up to date training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: up to date training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: doc training prog	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS used	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS used	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS used	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS used	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS packaging	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS packaging	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS packaging	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS packaging	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: MSDS packaging	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste Accum Rules followed	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Grounded flammable waste drum	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: labeled & dated	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: 90 day time limit	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: Nearby spill equip	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: Access control	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: contingency plan/evacuation routes	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: documented training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: documented training	establish	
none	Administration Envir. Compl. 11/20/90	Haz Chem: Waste: documented inspections	establish	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: PCB's Asbestos in area	establish	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: PCB's Asbestos in area	remove	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	Administration Envir. Compl. 11/20/90	Toxic Sub: PCB's Asbestos in area	remove	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: PCB's Asbestos in area	remove	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: PCB's Asbestos in area	remove	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: containment prog	establish	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: PCB monitored	establish	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: Recent report posted	establish	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: Notices easily observed	post	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: Notices easily observed	post	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: Notices easily observed	post	
none	Administration Envir. Compl. 11/20/90	Toxic Sub: Staff awareness of dangers	training	
none	INSTITUTIONAL PE/Kaiser 1 11/28/90	"We observed an electrical vault on the "road side" of the CT-4 Cooling Tower. Vault was locked and entry was not possible. No confined space warning sign was in place."	"All confined spaces, e.g., underground vaults, pit, tanks, pressure vessels, etc. should have a caution sign indicating "Confined Space, Special Entry Safety Procedures Required." This warning would draw attention to the employee that life saving"	
none	INSTITUTIONAL PE/Kaiser 1 11/26/90	Safety inspection teams do not physically identify potential ES&H hazards with markings (stickers) for ease of location.	"For ease of locating and to show personnel of potential hazards, a physical marking system should be adopted to better identify hazards noted by LBL inspection personnel. Stickers could be color-coded to illustrate severity of the condition(s) noted."	
none	INSTITUTIONAL PE/Kaiser 1 11/28/90	"Excessive combustible bark and twigs have been allowed to build up around 30,000 gallon tank."	Institute program to maintain this area free of combustibles.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	"Blackberry Substation #2, Transformer 112 and 113 station has unrestricted entrance and no fence. Steps are covered with leaves."	Enclose substation with fencing and provide install locking gate at top of stairs. Clean Steps	
none	INSTITUTIONAL PE/Kaiser 1 11/26/90	Personnel designated to conduct ES&H facility inspection audits were not provided with training nor the inspection equipment needed to conduct this audit.	Personnel who conduct ES&H audits need to be trained and have some basic equipment to assist them conduct an effective inspection.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Blackberry Substation #2 main feeder to Bank #112-Bldg 55 is in restricted area; cannot be serviced.	Relocate feeder to more accessible area.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	"Blackberry Substation #1, Transformer Bank 105 & 106. Leaves and pine needles are covering equipment."	Remove leaves and clean station.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Blackberry Substation #1 telephone line draped over switchgear and not properly supported.	Properly re-install telephone cable.	
none	INSTITUTIONAL PE/Kaiser 2 11/28/90	Blackberry Substation #2 bolts missing from closure panels. No fire extinguisher in station.	Provide and install missing bolts. Provide fire extinguisher.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	All hand operated valves should be identified and have normal operating positions indicated.	Normal Operating Position.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	In general, all EG units should have an Operating Procedure at the unit.	Provide a location at each unit for the instructions.	
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Temporary stop signs are in concrete buckets. Walkway leads pedestrians into traffic lane.	Place signs in permanent installation. Relocate pedestrian walkway.	

BUILDING: none

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Safety analysis reviews (SARs) are not presently documented for all improvement projects within the Lab. Alterations occur w/o prior approval of Operational Safety Procedures (OSPs) & Safety Analysis Documents (SADs)	Assign primary responsibility to one group for initiating and tracking safety reviews and documentation. Implement computer database and document control system.	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	B37/Chicken Creek landslide would endanger B37 & environs if activated.	Monitor, cover during winter	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	B46 landslide endangers B51	FY90 funded project; engineering in progress	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	B54 landslide on site of future addition	Mitigate during design	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Landslide behind B69	Monitor, cover during winter	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	B71 landslide would endanger parking lot	Monitor & keep drainage paths open	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	B77 landslide would endanger B77	FY90 funded project; engineering in progress	
none	INSTITUTIONAL Plant Ops-Self 1/26/90	B90 landslide would endanger B90	Validate project. Awaiting FY91 funding to start engineering.	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Underdrain for B88 fill has been lost & can't be monitored. If the drain does not function, B88 fill can become unstable.	Locate with ground penetrating radar, excavate & monitor.	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Horseshoe bend of Cyclotron Rd is substandard with respect to width & turning radius.	Portion of FY93 proposed project will widen curve	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Cyclotron Rd "Y" at B71 is substandard with respect to sight-lines.	Portion of FY95 line item will realign intersection	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Road base deterioration sitewide due to poor design.	FY95 & FY98 proposed projects will rehab	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	B70 paved walkway on slope has no handrail and can be slippery in wet weather.	FY91 Non-cap project will install handrail	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Substandard walkway width and pedestrian protection; Cottonwood Cr to "Y"	FY91 Non-cap project will install rehab	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Grate over 55A storm inlet needs repair	Repair trash grate	
none	INSTITUTIONAL Plant Ops-Self 11/21/90	Landslide above B64 cooling towers would endanger cooling towers if activated.	Install slope indicator and monitor	
none	INSTITUTIONAL Plant Ops-Self 12/6/90	Bldg. Mgrs' functions & responsibilities are not adequately developed & personnel are not trained to recognize & resolve bldg. problems & needs.	Establish rigid position standards for bldg. mgrs. Insure that personnel meet these standards, then train them in procedures to coordinate bldg. needs with Fire Dept., ES&H, PE, C&M.	

BUILDING: Nuclear Chemistry & Heavy

EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no quantity limits are posted on hoods.	Kloepping, R.

BUILDING: Nuclear Chemistry Lab

EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: the X-Ray diffraction spectrometer procedure posted on the Nuclear Chemistry laboratory wall is 5 to 10 years old, still in use, and without evidence that it has been reviewed since it was issued.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: two packages of material listed as radioactive, but without the type and amount identified, were observed on a lab bench in Nuclear Chemistry.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: multiple signs were faded and hard to read in Nuclear Chemistry lab 2217.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: there are no postings of the maximum allowable quantities within this area.	Kloepping, R.
EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: limits and restrictions on what can be contained in glove boxes in this area are not identified.	Kloepping, R.

BUILDING: Nuclear Chemistry Lab

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment - MC 12/11/90	Air monitoring: air samplers in the Nuclear Chemistry lab appear to be installed about one for every 2 boxes, but the air pattern is not known and the placement of the air samplers is not known to be optimum.		Kloepping, R.
2211	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: two glove boxes operating with positive pressure as was indicated by gloves and pressure gauge. There is no operational safety procedure or safety assessment describing the hazards of operating with positive pressure or of providing limits of materials to be used in the box.		Kloepping, R.
Rm 2223	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: Radiation survey sticker in hood was dated 1985.		Kloepping, R.

BUILDING: Nuclear Science Facilities

	EPH&S Self Assessment - MC 12/11/90	Organization and administration: operational procedures do not include clear operational safety responsibilities within the Nuclear Science facilities.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no safety assessment has been performed for the Nuclear Science facilities and no Operational Safety Requirements have been identified. Some assessments specific to particular work may have been done, but no documentation could be produced.		Kloepping, R.

BUILDING: On grounds west of Bldg 42

NA	EPH&S LBL Self Assessment 10/31/90	30K gallon Propane Standby Storage Facility.	Fasten nitrogen comp. gas cylinder with 2 chains and not to anchor fence.	Hernandez, P.

BUILDING: Permitted areas

	EPH&S DHS Inspection 11/29/90	Non-hazardous waste items are being stored unlabeled in permitted hazardous waste areas. This creates confusion on the part of inspectors who believe it is unlabeled hazardous waste.	Label every item held in hazardous waste areas. Non-hazardous waste items must be either labeled or removed from the area.	Aune, R.

BUILDING: Permitted areas: 75 yard, 69,

	EPH&S DHS Inspection 11/29/90	Security is inadequate. Non-compliance with permit in area of restricted entry. Entry into permitted area is easily accessible to passers-by.	Bring areas into compliance. Permit mandates specific directions be followed and physical conditions (including separate fencing) be created to establish restricted entry.	Aune, R.

BUILDING: several

	Information and Computing Sciences ICS Review Walkthrough 10-25-90	In three instances (Building 10 Hibay, Node 3, and Node 4) some device or switch is located in the normal location for an entry-way light switch. (In the Building 10 instance, a circuit breaker occupies this position, necessitating that the breaker be locked)		

BUILDING: Sewer outfalls

	EPH&S Self Assessment 11/21/90	1) Sampling is not flow-proportional 2) Continuous PH measurements are much too labor intensive 3) Flow measuring flumes are oversized and constructed incorrectly.	Repair sewers/relit sampling stations	Schletmer, G.

BUILDING: SITE

none	INSTITUTIONAL Plant Ops-Self 11/30/90	EXISTING DRUM STORAGE RACKS OUT OF COMPLIANCE		
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Approx 4 bldgs on site have dedicated acid drain systems. Other areas follow administrative guidelines to avoid contaminating sanitary sewer system. Lack of compliance by bldg. staff has resulted in expensive repair, personal injury & EBMUD notification of contamination.	Intensify & reinforce the training of Lab staff using chemicals, acids & hazardous materials	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Main water supply backflow preventer is a non-approved unit and this causes the system to be non-certified.	Replace with approved valve & certify the system.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	LBL electrical Lock-Out and Tag-Out procedures are inadequate.	Revise and adopt the LLNL Procedure.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Sitewide underground natural gas piping leaks creating potential for Class II or III leaks. System deterioration is due to age and lack of upgrading components.	A plan has been developed and repairs scheduled.	

BUILDING: SITE

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Oil Filled Switches OD-1-50, OS-1-50A, OS-1-50B, OD-1-58, OD-1-74 & ROD-1-77 are not rated for switching while energized.	A switching procedure memorandum was issued on 7/27/88. All switches are scheduled for removal/replacement in FY91. Warning signs will be posted on all switches.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There is no approved Operational Safety Procedure for the 12kV power system.	A procedure has been prepared and submitted for approval.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Many outdoor parking and pedestrian walkway areas do not have safe lighting levels.	Design is completed for additional lighting. Waiting for a construction contract to be placed to install the lights.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There are no external FA bells for roof evacuation.	Install bells on all building roofs that require access by maintenance workers.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	FA bell levels need correction, in several buildings, due to changes in occupancy and furnishings.	Survey building bell sound levels and adjust bells as required.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	All smoke and fire doors do not have warning signs to prevent doors being blocked open.	Identify and install approved signs.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Halon systems lack warning signs, in accordance with NFPA 12A, paragraph A-1-6.1.2 (f).	Install approved warning signs at all entrances and at all klaxons.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Due to budget & lack of manpower, the LBL utility maps are not current, some areas haven't been updated in 5-8 yrs. The location of utilities is now done part-time & is not current in all areas.	Develop a plan to insure these dwgs are current & assign a fulltime engineer to this task.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Crane drawings are not up to date.	"Institute an "as-built" drawing Program."	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Some cranes do not have electrical drawings on file.	Provide a location on each crane for the drawings.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	There are no external FA bells at sprinkler risers.	Install bells at all riser locations.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Documentation of Fire Alarm System certification, in accordance with NFPA 72, does not exist.	A recertification, per Figure 2-2.2 of NFPA 72 of the LBL Fire Alarm System components should be performed as part of the normal periodic system testing procedure.	
none	INSTITUTIONAL Plant Ops-Self 12/10/90	Trucks at loading docks impair traffic flow. Where no dock exists, trucks block traffic flow.	Revise traffic plan.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Burned out Exit lights are not being replaced in a timely manner.	Add more maintenance people; replace all exit signs with L.E.D. type.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Yearly crane load tests are not witnessed by a qualified electrical engineer.	Revise the test procedure to include electrical tests certified by a qualified electrical engineer.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	The city water supply system is 40 yrs old in certain areas & the potential for leaks due to corrosion, improper backfill, ground movement, etc. creates possible infiltration of LBL water with contaminants in the ground.	Identify high risk areas & initiate systematic replacement.	
none	INSTITUTIONAL Plant Ops-Self 11/30/90	Confined space entry needs to be identified and access to areas enforced.	Develop access procedures. Assign prime responsibility to one group to control contractor access.	

BUILDING: Site wide

EPH&S Self Assessment	11/21/90	No NBS traceable devices to measure sample air flow @ moderate or high flow rates.	Purchase devices/Develop plan	Schletmer, G.
EPH&S Self Assessment	11/21/90	Assays for non-compliance radionuclides are semi-quantitative.	Formalize rationale	Schletmer, G.
EPH&S Self Assessment	11/21/90	Air sampling system does not comply with all requirements of DOE 5400.XY and 40 CFR 61 Subpart H.	Upgrade sampling system, Part of EHS Project	Schletmer, G.
EPH&S Self Assessment	11/9/90	Documented inspections are not performed weekly of waste accumulation areas.	Develop plan	Pauer, R.
EPH&S Self Assessment	12/07/90	Despite instructions on Purchase Orders, reminders, verbal and written, purchasing and/or materials management have consistently failed to notify this office of x-ray and x-ray related purchases as is required. X-ray machines are controlled items and notification to this department is mandatory.	Develop effective procedure for notification of x-ray and x-ray related purchases to X-Ray Safety Program manager.	deCastro, T.

BUILDING: Site wide

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EPH&S	Self Assessment 12/07/90	Both Property Management and Transportation have consistently failed to track the movement of x-ray equipment. As controlled items, the machines are not to be moved without an Equipment Movement Record. There has recently been considerable movement (bldgs 2, 6, 10, and 70A) without any notification or record to this office. Property numbers are clearly displayed. Transportation should not move without proper documentation.	Develop effective procedure for tracking movement of x-ray equipment. Transportation and Property Management not adhering to current procedural instructions.	deCastro, T.
EPH&S	Self Assessment 11/8/90	All OSP's are within the 5 yr. prescribed update interval but some have minor changes which are handwritten in and initiated by the X-Ray System Supervisor and x-ray Safety Officer.	Re-edit and re-issue.	deCastro, T.
EPH&S	Self Assessment 11/8/90	All machines have had their Systems Safety Analysis done and have been found to be in good shape - BUT - about 1/2 dozen reports have not been written up and submitted by Systems Safety Analysis personnel from the electronics support group. Most of these Systems Safety Analysis reports are from re-analysis which were required when the machines were moved to Bldg 2, but two are new machines.	Write-up reports	deCastro, T.
EPH&S	Self Assessment 11/8/90	Not all X-Ray Systems Supervisors are current on their 6 month interlock checks. A check of the historical records will show compliance gaps.	Inspect and document.	deCastro, T.
EPH&S	Self Assessment 11/8/90	Checking of the fixed Low Energy Radiation Monitors in place at each analytical and cabinet x-ray machine is in progress and should be completed soon. A check of the historical records will show compliance gaps.	Check monitors	Yes November 13, 1990 deCastro, T.
EPH&S	Self Assessment 11/8/90	Annual survey of x-ray machines by x-ray Safety Officer is behind. The users are reasonably caught up in doing their 6 month self surveys thus maintaining compliance with the ANSI requirements. A check of the historical records will show compliance gaps.	Do surveys	deCastro, T.
EPH&S	DHS Inspection 11/29/90	Personnel need to have a review to check their progress and correctness of procedures.	Do self-audits on a regular basis to keep up.	Aune, R.
EPH&S	Self Assessment - MC 12/11/90	CONCERN (organization and administration): the organizational responsibilities for radiological protection are not well defined for, or clearly understood by, the facility managers.	Organization and administration performance objective: to ensure effective implementation and control of radiological protection activities on the site/facility.	Kloepping, R.
EPH&S	Self Assessment - MC 12/11/90	Organization and administration: most buildings are shared by more than one working group. Although there is a building coordinator for emergency coordination, there is no formal assignment of general safety responsibility, or of general building maintenance, for an entire building.		Kloepping, R.
EPH&S	Self Assessment - MC 12/11/90	Organization and administration: a deputy director attending the Bio-Med group interview did not recognize total facility responsibilities philosophy coming from the DOE.		Kloepping, R.
EPH&S	Self Assessment - MC 12/11/90	Organization and administration: E&SHC has no system for feedback of survey and sampling data when results are very low or zero.		Kloepping, R.
EPH&S	Self Assessment - MC 12/11/90	Organization and administration: the effectiveness of the self-monitoring program has not been formally assessed.		Kloepping, R.
EPH&S	Self Assessment - MC 12/11/90	Organization and administration: there are no independent audits performed within the Laboratory.		Kloepping, R.
EPH&S	Self Assessment 12/7/90	There is no site wide program for staff recruitment to ensure the availability of ES&H staff.	Establish formal process for sitewide EH&S recruitment program.	Kerth, L.
EPH&S	Self Assessment 12/7/90	Human resource requirements for full implementation of sitewide ES&H programs have not been identified, prioritized, and no plans have been developed for implementation.	Optimize utilization of existing human resources.	Kerth, L.
EPH&S	Self Assessment 12/7/90	ES&H plans and programs are not an integral part of sitewide planning and budgeting process.	Institute procedure for analyzing ES&H risks and vulnerabilities of entire site on priority basis.	Kerth, L.
EPH&S	Self Assessment 12/7/90	Formal and informed channels of communication do not facilitate full implementation of ES&H programs.	Streamline flow of policy development and approval.	Kerth, L.

BUILDING: Site wide

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EPH&S	Self Assessment 12/7/90	Site managers and supervisors do not carry out the site mission in full compliance with DOE's ES&H initiatives.	Develop and implement site specific policies, goals, objectives; communicate to all levels; initiate incentive program.	Kerth, L
EPH&S	Self Assessment 12/7/90	The organizational structure does not provide clear understanding of functions, responsibilities, authorities and accountabilities of site organization.	Peview organizational structure of ES&H functions	Kerth, L

BUILDING: Site wide labs

EPH&S	Self Assessment - MC 12/11/90	External Radiation Dosimetry: there is no evidence that HEPA filters on glove boxes have been tested since they were installed, some as far back as 1971.		Kloeping, R.

BUILDING: site-wide

EPH&S	Self Assessment 11/9/90	Characterization of contaminated soil reported during removal of tank found at ALS project site has not been completed. Cost: MI (Multiple Items)	Develop plan, part of Environmental Monitoring Facilities Assessment	R. Pauer
EPH&S	Self Assessment 11/9/90	Characterization of contaminated soil found during leakage investigation of Bldg 58 tank has not been completed. Cost: MI (Multiple Items)	Develop plan, part of Environmental Monitoring Facilities Assessment	R. Pauer
EPH&S	Self Assessment 11/9/90	Characterization of contaminated soil reported as a result of the Bldg 76 underground tank leakage investigation has not been completed. Cost: MI (Multiple Items)	Develop plan, part of Environmental Monitoring Facilities Assessment.	R. Pauer
EPH&S	Self Assessment 11/9/90	Documented guidance is needed for filter pressure drop guages, which are used to filter air exhaust systems, regarding their use and monitoring requirements.	Develop plan	R. Pauer
EPH&S	Self Assessment 11/9/90	Inadequate containment of some transformer pads to contain oil spills.	Develop plan, implement	R. Pauer
EPH&S	Self Assessment 11/9/90	Contaminated groundwater reported in hillside above Bldg 51/84 has not been characterized. Cost: MI-1 (Multiple Items)	Develop plan, Environmental Monitoring Facilities Assessment	R. Pauer
EPH&S	Self Assessment 11/9/90	A comprehensive hydrogeological characterization of the site has not been performed. Cost: MI (Multiple Items)	Develop plan, part of Environmental Monitoring Facilities Assessment	R. Pauer
EPH&S	Self Assessment 11/9/90	No standard operating procedures for managing potential hazardous materials generated during drill operations such as purged groundwater, drill cuttings, core samples, and drilling muds. Cost: MI (multiple Items)	Develop plan, part of Environmental Monitoring Facilities Assessment	R.k Pauer

BUILDING: Site-wide/off-site

EPH&S	Self Assessment 11/21/90	Footing unstable at some environmental sampling locations	Develop Plan, implement	Schletmer, G.
EPH&S	Self Assessment 11/21/90	Footing unstable at some environmental sampling locations	Develop Plan, implement	Schletmer, G.

BUILDING: Sitewide

EPH&S	Self Assessment 11/21/90	No formal written procedure exists for setup/calibration of neutron/Gamma detectors in accelerators/monitoring stations.	Write procedure	Schletmer, G.
EPH&S	Self Assessment 11/9/90	There is no routine monitoring program of soil, groundwater, surface water, and vegetation for chemical (non-radiological) releases.	Develop plan	R. Pauer
EPH&S	Self Assessment 11/9/90	A comprehensive, documented groundwater protection program has not been prepared. Cost: MI (Multiple Items)	Develop plan, part of Environmental Monitoring Facilities Assessment	R. Pauer
EPH&S	Self Assessment 11/9/90	A comprehensive, documented groundwater protection program has not been prepared. Cost: MI (Multiple Items)	Develop plan, part of Environmental Monitoring Assessment	Pauer, R.
EPH&S	Self Assessment 11/9/90	Environmental Protection Group programs procedures are not well documented.	Develop plan	Pauer, R.
EPH&S	Self Assessment 11/9/90	Spill of PCB liquids (> 50 ppm) are not cleaned within 48 hours.	Develop plan	Pauer, R.
EPH&S	Self Assessment 11/9/90	A Laboratory-wide closeout procedure, to be implemented when individual experimenters leave or when labs and/or experiments are shut down, does not exist which results in an accumulation of unwanted hazardous materials.	Develop plan	Pauer, R.
EPH&S	Self Assessment 11/9/90	No secondary containment for some underground storage tanks.	EH&S Project item/ERWM	Pauer, R.

BUILDING: Sitewide

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment 11/9/90	An effective cost allocation system which promotes the minimization of hazardous waste does not exist.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Necessary environmental documentation has not been prepared for hazardous waste treatment, permit-by-rule, facilities including: notification statements, waste analysis plan, contingency plan, training plan, and closure plan (proposed regulations).	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Waste analysis should be performed for photodeveloping operations.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Waste analysis should be performed for small bright dipping operations.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Waste analysis should be performed for regeneration of ion exchange.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Materials containing asbestos have not been identified in all buildings; management program is incomplete.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Environmental Protection Group quality assurance program is inadequate.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Exhaust stack discharge volumes are not accurately known in order to quantify releases of contaminants to the atmosphere.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Air sampling pumps are not properly calibrated	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Spill Prevention Control and Countermeasure Plan is inadequate. Tank inventory, description of spill events and prevention measures needs work. Must be recertified and signed by LBL and DOE/SAN.	Develop plan	Pauer, R.
	EPH&S Self Assessment 11/9/90	Isokinetic sampling is not achieved for air streams potentially bearing particulate emissions.	Develop plan to evaluate problem.	Pauer, R.
	EPH&S Self Assessment 11/9/90	Inadequate secondary containment for 55 gallon drum storage areas.	EH&S Project	Pauer, R.
	EPH&S Self Assessment 11/9/90	Monitoring of liquid effluents to the sanitary sewer is inadequate to evaluate the effectiveness of control measures and to determine the source of discharge violations.	ERWM Project. Install on-line monitors.	Pauer, R.
	EPH&S Self Assessment 11/9/90	Contamination of tritium in the groundwater should be reported to the state and local regulatory agencies: SF Regional Quality Control Board, Department of Health Services, Office of Emergency Services, and City of Berkeley.	Prepare Report, check with DOE/SAN if needed.	Pauer, R.
	EPH&S Self Assessment 11/9/90	Integrity of the sanitary sewer system should be investigated and repairs should be made to minimize the potential for infiltration or exfiltration.	ERWM Project - Investigation phase	Pauer, R.
	EPH&S TSA 11/5/90	Traceability of calibrations for portable survey instruments not consistent with good practice.	Near term - NIST traceable Cs-137 irradiator received and installed. Midterm - Implement computerized recall	Kloepping, R.
	EPH&S Self Assessment 11/12/90	On-the-job training is informal and poorly documented.	Complete generic training checklists. Implement use of training checklist and revise as needed. Lab-wide training database that is accessible and user-friendly must be implemented	Bernstein, M.
	EPH&S Self Assessment 11/12/90	No formal evaluation of EH&S training programs. No evaluation of safety training given by line management.	Evaluate current training programs for compliance and effectiveness. Revise training programs as needed.	Bernstein, M.
	EPH&S Self Assessment 11/12/90	Hazard specific training is lacking or incomplete for most operations. This is a requirement of the Hazard Communication Standard.	Identify specific hazards. Provide training. Document training. Provide retraining and updates as needed.	Bernstein, M.
	EPH&S Self Assessment 11/5/90	There is no formal mechanism for ensuring that training requirements have been met. Required health and safety training is rarely tracked.	Implement system to track compliance with New Employee Orientation that includes follow-up. Develop database system to track compliance with all training requirements.	Bernstein, M.
	EPH&S Self Assessment 11/12/90	No monitoring of x-ray safety training. No retraining for x-ray users (required every 2 years) who are radiation workers (DOE order 5480.11). Little documentation of x-ray radiation safety training on training data base.	Develop and implement radiation safety retraining program for x-ray users. Document in training data base.	Bernstein, M.
	EPH&S Self Assessment 11/12/90	No overall training program for generators of hazardous waste. A start has been made - there are bits and pieces in place.	Develop and implement training program for generators of hazardous waste.	Bernstein, M.

BUILDING: Sitewide

Self-assessment Database—Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EPH&S	Self Assessment 11/12/90	Program for a radiation safety orientation for occupational workers has not yet been developed. This training for new employees is designed but not yet implemented. We have no plans to date to train current employees and participating guests.	Complete and implement revised new employee orientation. Develop and implement radiation safety orientation for current occupational workers.	Bernstein, M.
EPH&S	Self Assessment 11/5/90	All LBL employees and participating guests have not received general hazard communication training.	Supervisors to provide needed training or ensure compliance. Complete New Employee Orientation.	Bernstein, M.
EPH&S	Self Assessment 11/5/90	Supervisors are not given adequate training to help them comply with their health & safety responsibilities.	Develop & implement supervisors training program that focuses on providing skills.	Bernstein, M.
EPH&S	Self Assessment 11/5/90	Requirements of the OSHA HazWoper Standard (29CFR1910.120) have not been completely met. Training for First Response Awareness, First Response Operations, and Hazardous Materials Specialist have not been developed nor implemented. Certification for several EH&S personnel for HAZMAT technicians has not been completed. A retraining program has not been developed and implemented.	Develop, implement & track required training.	Bernstein, M.
EPH&S	Self Assessment 11/5/90	Requirements for radiation safety training for outside contractors when exposure to ionizing radiation is a possibility are not tracked. Training on emergency response procedure for outside contractors is not provided.	Plant Engineering to develop monitoring program for outside contractors regarding radiation safety training and emergency response training.	Bernstein, M.
EPH&S	Self Assessment 11/5/90	No program to retrain radiation workers every 2 years (required in DOE Order 5480.11). Many radiation workers are currently out-of-compliance with this training requirement.	Identify personnel needing retraining. Develop retraining program and implement.	Bernstein, M.
EPH&S	Self Assessment 11/5/90	Participating guests who are outside users of LBL's accelerators and the NTLF have not received radiation safety training as required for radiation workers per DOE Order 5480.11.	Implement proposed system using videotapes and written exams.	Bernstein, M.
EPH&S	Self Assessment 11/12/90	Not all local laboratory radiation safety procedures are formally in place. Researchers must take active responsibility for safety in their laboratories.	Develop procedure for each laboratory.	Haley, J.
EPH&S	Self Assessment 11/12/90	Rad Protection: Need a formal Radiation Safety Assessment to determine amounts and types of radioactive materials that can be allowed in hoods and glove boxes.	Develop safety assessment	Haley, J.
EPH&S	Self Assessment 11/12/90	Rad. Protection Pb 3000 states, "Radioisotope purchase orders are to be sent to EH&S for review and approval." This is not being done by the research groups.	Re-emphasize to research staff requirement of Pub 3000.	Haley, J.
EPH&S	Self Assessment 11/12/90	Health Phy: No radiation protection review by EH&S or a Radiation Safety committee on new or changed radioactive material operations (no rad permits have been issued).	Develop radiation work permit system	Haley, J.
EPH&S	Self Assessment 11/12/90	Radiation Protection: Radioisotope Glove Boxes at LBL are old and constructed with asbestos/plywood. A Glove Box replacement program is required throughout LBL.	Develop plan to replace glove boxes. Implement.	Haley, J.
EPH&S	Self Assessment 11/12/90	Health Phy: Ventilation - HEPA filters are not tested (TSA). Glove Boxes do not meet .3" wg or 125 fpm face velocity as required by DOE 6430.1A. No formal review of ventilation systems at this time except for Hoods.	Develop plan to evaluate glove boxes and filters. Requires 1 FTE technician.	Haley, J.
EPH&S	Self Assessment 11/12/90	Health Phy: EH&S cannot identify LBL personnel that have missed radiation protection courses.	Develop data base to match new personnel working with radioactive materials against training records.	Haley, J.
EPH&S	Self Assessment 11/12/90	Pub 3000 states, "Each use of hood and enclosure are to be formally reviewed." Currently, no requests for a review have been made.	Re-emphasize to research staff requirement of Pub 3000	Haley, J.
EPH&S	Self Assessment 11/90	Haworth partitions need reviewing for reliability of the electrical connectors and compliance with the National Electrical Code.	EH&S to inspect installations to ensure no 1500 watt heaters are being used. Notify bldg manager and division safety coordinators to assist with inspection. Plant Engineering will implement resolution of the electrical problems with the manufacturer.	Bringham, P.
EPH&S	Self Assessment 11/90	No procedures for compliance with new OSHA Standard for Safe Operation of Motor Vehicles.	Each Lab division will address compliance requirements based on type of driver and vehicle usage.	Bringham, P.

BUILDING: Sitewide

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
	EPH&S Self Assessment 11/90	Line Supervisors not thorough enough in accident investigation, or taking corrective action, believing "certain types of hazards are part of the job." Frequency and severity rates indicate there is not sufficient interest in lowering accident rates.	Training.	Brnigham, P.
	EPH&S Self Assessment 11/90	Strain and sprain type injuries cause the greatest number of lost work days.	Establish a pre-employment strength testing program for full time and temporary job applicants for selected job classifications.	Brnigham, P.
	EPH&S Self Assessment	Non-portable detection systems for quick neutron survey purposes are not adequately maintained.	Provide manpower to maintain systems and do measurements.	McCaslin, J.
	EPH&S Self Assessment	Optical Beam lines. Need time to learn to use the EGS code.	Add manpower	McCaslin, J.
	EPH&S Self Assessment	Noxious gas calculation for CDF. Completed for ALS LINAC.	Add manpower	McCaslin, J.
	EPH&S Self Assessment	ALS, CDF, etc. shielding, environmental calculations manuals should be written. Methods of review, approval and documentation need to be addressed.	Add manpower	McCaslin, J.
	EPH&S LBL Self Assessment 10/31/90	LBL Bicycle Traffic Safety.	Advise cyclists to obey speed limits at LBL. Speeding bicycles are silent.	Hernandez, P.
NA	EPH&S LBL Self Assessment 10/31/90	Division Safety, programs are administered unevenly.	Establish uniform safety compliance among all LBL divisions.	Hernandez, P.

BUILDING: Strawberry Sewer Outfall

	EPH&S Self Assessment 11/21/90	Location of sampling station & configuration of sewer lines does not allow a straightforward assessment of LBL outfall impact (LBL sewage mixed with U.C. Berkeley, et al sewage. Cost: MI (Multiple items)	Reroute sewers and move and re-equip sampling station	Schletmer, G.

BUILDING: Tritium Facilities

	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: of two vacuum pumps in parallel service in the tritium storage unit, one vacuum pump unit was labeled as containing tritium and the other was not.		Kloepping, R.

BUILDING: Tritium Facility

	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: job-specific, facility-specific safety training at the Tritium facility is performed informally but not documented. Training of personnel in the specific hazards of tritium is not documented.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: the Tritium Operating Procedure does not designate quantitative limits for the tritium facilities.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	Internal Radiation Dosimetry: a special assessment of possibly unusually long retention of compound bound tritium in the body is not made prior to conducting work involving many different and often very complex tritium labeled compounds prepared in the labs.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	Air monitoring: no air flow pattern analyses were made either prior to or for the placement of tritium air monitor.		Kloepping, R.

BUILDING: Tritium Lab

	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: no safety analysis has been performed on the Tritium Facility laboratory operation.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: two members of staff are trained to run the tritium manifold but their specific and on-the-job training is not documented. Neither check-off list nor discussion record of the training is kept.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	Radiological protection procedures and posting: there was no sign on either door leading into Tritium labs from outdoors stating that the labs are a radioactive materials area.		Kloepping, R.
	EPH&S Self Assessment - MC 12/11/90	External Radiation Dosimetry: the door between the two tritium labs is normally open, and the airflow was observed to be from the tritium manifold lab to the low level lab.		Kloepping, R.

BUILDING: Tritium Lab

Self-assessment Database-Records Submitted as of 5:00 pm 1/2/91

Room	Division/ Appraisal	Description	Corrective Action	Corrected?/ Verifier
EPH&S Self Assessment - MC	12/11/90	Internal Radiation Dosimetry: no requirement exists to report the specific radioactive material in use in the laboratory to medical. Bio-assay radio-analyses targets were not known to the lab manager.		Kloepping, R.

BUILDING: Tritium Manifold Lab

EPH&S Self Assessment - MC	12/11/90	External Radiation Dosimetry: the glove on north glove box in this area had a split at the cuff; gloves on the south glove box had small holes in the cuff; and the O rings used for glove retainers are badly deteriorated.		Kloepping, R.

BUILDING: Tritium Operation

EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: low levels of radioactivity was called out in the tritium operating procedure but low level was not defined. It was reported that only mCi amounts of tritium were processed in this laboratory.		Kloepping, R.

BUILDING: Waste Compaction Area

EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: one sampler is used for both the storage enclosure and compactor enclosure. Although compactor is used about once per month, the sampling head is changed from storage vent to compactor vent. When the compactor is in standby, sampling head is switched back to the storage enclosure vent. No check sheet or record is made of the change of sampling head from one place to the other.		Kloepping, R.

BUILDING: Waste Facility

EPH&S Self Assessment - MC	12/12/90	Organization and administration: the waste facility operated by the E&SHC Department indicates a need for one or two more people for vacation and sickness relief.	Increase present level of staffing of professional health physicist and health and safety technicians.	Kloepping, R.

BUILDING: Waste Handling Facility

EPH&S Self Assessment - MC	12/11/90	Air monitoring: air flow patterns are not assessed for this area.		Kloepping, R.

BUILDING: Waste Processing Facility

EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: no inventory exists of the items awaiting disposal in the waste processing facility.		Kloepping, R.
EPH&S Self Assessment - MC	12/11/90	Radiological protection procedures and posting: items awaiting disposal in the waste processing facility are not labeled with the radio nuclide identity or quantity.		Kloepping, R.

AAS203



LBL Libraries