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LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED BY THE UCRL INFORMATION DIVISION DURING THE PERIOD OF JULY 16-31, 1957

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UNIVERSITY OF CALIFORNIA

Radiation Laboratory  
Berkeley, California

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LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED BY THE UCRL  
INFORMATION DIVISION DURING THE PERIOD OF JULY 16-31, 1957

August 1, 1957

LIST OF CODES FOR REPORT NUMBERS

ACCO	-American Cyanimid Company
AEP	-Monsanto Chemical Company
AERE	-Gt. Brit. Atomic Energy Research Establishment, Harwell, Berks. England
ALCO	-American Locomotive Company
AMF	-American Machine & Foundry Co.
ANL	-Argonne National Laboratory
ANP	-Aircraft Nuclear Propulsion Project
APEX	-General Electric Company, ANP Project
ASTIA	-Armed Services Technical Information Agency, Dayton, Ohio
BAW	-Babcock & Wilcox
BDX	-Bendix Aviation Corp., Detroit
BMI	-Battelle Memorial Institute
BNL	-Brookhaven National Lab.
BRB	-Bridgeport Brass Company
BSC	-Bethlehem Steel Company
CENP	-Combustion Engineering, Inc.
CERN	-European Organization of Nuclear Research, Geneva
COO	-Chicago Operations Office
CU	-Columbia University
DCDE	-Atomic Power Development Associates
DLWK	-Duquense Light Co-Walter Kidde
DOW	-Dow Chemical Company
DP	-E.I. duPont de Nemour & Co.
FWE	-Foreign Weapons Effects
GAT	-Goodyear Atomic Corporation
GEAP	-General Electric Company
GEL	-General Electric Co., General Engineering Laboratory
HEC	-Hooker Electrochemical Co.
HO	-Hanford Operations Office
HW	-Hanford Works, Richland
IDO	-Idaho Operations Office
ISC	-Iowa State College
K	-Carbide and Carbon Chemicals Co. (K-25 Plant)
KAPL	-Knolls Atomic Power Laboratory
KLX	-The Vitro Corporation of America
KLXS	-Vitro Corporation of America (Study Group)
KY	-Carbide and Carbon Chemicals Co. (C-31 Plant)
LA&LAMS	-Los Alamos Scientific Lab.
MCW	-Mallinckrodt Chemical Works
MIT	-Massachusetts Inst. of Tech.
MLM	-Mound Laboratory
NAA-SR	-North American Aviation, Inc.
NBL	-New Brunswick Laboratory
NBS	-National Bureau of Standards
NEA	-Foster Wheeler-Pioneer Service
NLCO	-National Lead Company of Ohio
NMI	-Nuclear Metals Inc.
NNSD	-Newport News Shipbuilding and Dry Dock Co.
NPG	-Commonwealth Edison Co. (Nuclear Power Group)
NRL	-Naval Research Laboratory, Washington D.C.
NYO	-New York Operations Office
ORINS	-Oak Ridge Institute of Nuclear Studies

ORNL	-Carbide & Carbon Chemicals Co. (ORNL)
ORO	-Oak Ridge Operations Office
PWAC	-Pratt & Whitney Aircraft Division of the United Aircraft Corp.
RFP	-Rocky Flats Plant
RME	-Grand Junction Operations Office
RMO	-Division of Raw Materials
SAN	-San Francisco Operations Office
SC	-Sandia Corporation
SEP	-Sylvania Electric Products, Inc.
SFO	-Santa Fe Operations Office
SRO	-Savannah River Operations Office
SO	-Schenectady Operations Office
TEI(M)	-U. S. Geological Survey Trace Elements Reports
TID	-Technical Information Service
TVA	-Tennessee Valley Authority
UCLA	-University of California Medical Research Laboratory
UCRL	-University of California Radiation Laboratory
UR	-University of Rochester
USNRDL	-U.S. Naval Radiological Lab., San Francisco, Calif.
UWFL	-University of Washington Applied Fisheries Laboratory
WAPD	-Westinghouse Electric Corp., Bettis Plant
WASH	-AEC, Washington
WEC	-Westinghouse Electric Company Industrial Atomic Power Group
WIN	-National Lead Co., Inc. Winchester
WT	-Weapon Test Reports
Y	-Carbide and Carbon Chemicals Company (Y-12 Plant)

Many prefixes used for research and development reports cover a number of installations. NP ("Non-Project") numbers are assigned by the Technical Information Service at Oak Ridge to those reports which it received from sources not under contract to the Atomic Energy Commission. The UCRL Information Division gives "Misc" numbers to any others received here that do not bear an identifying number. Many reports are grouped together under numbers corresponding to an AEC division or operations office. Some of these are as follows:

CO,COO	-Chicago Operations Office
IDO	-Idaho Operations Office
NYO,NYOO	-New York Operations Office
ORO	-Oak Ridge Operations Office
RMO	-Raw Materials Division
WASH	-Atomic Energy Commission, Washington

In our semimonthly "List of Reports Received" the originating installation will be placed in the author column whenever the report code number does not indicate a specific laboratory, or is obsolete or not given in the list.

Two series of translations are currently received, one sponsored by the AEC (AEC-tr), the other by the National Science Foundation (NSF-tr).

LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED BY THE UCRL INFORMATION DIVISION DURING THE PERIOD OF JULY 16-31, 1957

Radiation Laboratory  
University of California  
Berkeley, California

August 1, 1957

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*AFPRC-TN-57-19	Methods of Reduction of Psychological Stress Due to Radiation.	R. G. Smith, Jr., J. A. Cox, Jr. Personnel and Training Res. Center, Lackland AFB, Tex.	2-4-57
*AMRL-262	The Protective Effect of Sodium Diphenylhydantoin in the Hyperacute Radiation Syndrome.	R. D. Laird, R. L. Fonner Army Medical Res. Lab., Fort Knox, Ky.	8-22-56
ANL-5684	Environmental Radioactivity at Argonne National Laboratory. Report for the Year 1955.	J. Sedlet	2-57
ANL-5743	Gloves for Protective Enclosures.	D. A. Davis, J. E. Ayer R. M. Mayfield	5-57
*LMS-29061	Accountability, Security, and Health Physics Procedures for U235 in Exponential Studies	Calif. Res. and Dev., Co.	4-21-53
*NP-6281	Measurement of the Activity of Dusts in Suspension in Air. (In French)	R. Boulenger Brussels, Centre D'Etudes Pour Les Applications de l'Energie Nucleaire	7-6-56
*NP-6282	Standardization of the Measurements of Continuous Radioactive Background. (In French)	C. Godeau Same	6-22-56

BIOSCIENCES

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NYO-4714 Radiation Protection Within a Standard Housing Structure. R. T. Graveson 11-56

PB-121784 Radiological Health Handbook. Simon Kinsman, ed. 12-57  
Robert A. Taft  
Sanitary Eng. Center

SC-4109(TR) Program for Computing Probabilities of Fallout From a Large-Scale Thermonuclear Attack. W. W. Bledsoe 4-29-57

\*UCLA-111 Summary of the Radiological Findings in Animals From the Biological Surveys of 1947, 1948, and 1950 J. L. Leitch 2-7-51

UCLA-398 Effects of Bicarbonate and Other Anions on the Uptake of P32, Ca45, Fe59, Rb86, Sr90, Ru106, Cs137, and Ce144 by Bean and Barley Plants. J. A. Goss, E. M. Romney 6-28-57

UCLA-399 Semi-Annual Progress Report for the Period Ending June 30, 1957. W. W. Bledsoe 7-10-57

UR-488 Some Effects of Thickness of the Layer in Protection Against Flash Burns by Creams. F. W. Payne, J. R. Hinshaw 5-29-57

UR-489 Protection From Radiant Thermal Energy by Fabrics as a Shield. F. W. Payne, J. R. Hinshaw, H. E. Pearse 6-5-57

USWRDL-TR-142 The Comparative Response of Dogs to 250 KVP and 100 KVP X Rays. E. L. Alpen, D. M. Jones, H. H. Hechter, et al 1-14-57

UWFL-43 Radiobiological Resurvey of Rongelap and Ailinginae Atolls, Marshall Islands, October - November 1955. 12-30-55

WT-1180 The Effects of Noise in Blast Resistant Shelters. Project 33.2  
ICF Operations Report; Report to the Test Director. F. G. Hirsch, J. Longhurst, D. R. McGiboney, et al 4-25-57

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WT-1186 Measurement of Off-Site Fall-Out by Automatic Monitoring Stations. Project 30.1 [of] Operation Teapot; Report to the Test Director. H. D. Levine  
R. T. Graveson  
N. Y. Oper. Office

\*A-7-390.25 Calculation of Critical Conditions for Uranyl Fluoride Solutions. R. Murray  
Tem. Eastman Corp.

\*A-7-390.27 Critical Conditions in Pyrex Vessels. G. W. Schmidt,  
J. W. Morfitt  
Same [1947?]

CHEMISTRY

\*A-1049 Brown Oxide By-Product Recovery. [Part] IV. J. R. Ople,  
W. A. Oppold  
Mallinckrodt Chem. Works

\*A-2123 Pilot Plant Conversion of (CH<sub>3</sub>)<sub>2</sub>O.BF<sub>3</sub> to Crystalline B. C. A. Hutchison  
Columbia Univ.

\*A-2357 An Interpretation of the Isotopic Separation in the Distillation of Methyl Ether-Boron Fluoride Complex. D. A. McCauley  
Standard Oil Co.  
of Indiana, Chicago

\*A-3789 (Sect. 5) Clinton Laboratories Process Manual. Section 5. Metal Solution. W. E. Kirst  
Du Pont de Nemours  
(E. I.) & Co. [1943]

\*A-4003 The Manufacture of Uranium Hexafluoride. Operating Manual. G. C. Whitaker  
Harshaw Chem. Co.  
Cleveland

\*AEC-tr-2658 Inorganic Complexes, by A. E. Van Arkel. Trans. from Chemisch Weekblad 52, 193-7 (1956).

AEC-tr-2711 The Dielectric Constant of Barium Titanate, by I. P. Kozlobaev. Trans. from Zhurnal Tekhnicheskoi Fiziki 25, 387-8 (1955).

AEC-tr-2719 Some New Designs of Apparatus for Spectrum Analysis, by I. M. Ivanatov and K. P. Krylov. Trans. from Akademiia Nauk, SSSR, Seriya Fizicheskaja. Investija 5, 387-90 (1944).

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- AEC-tr-2755 The Modern State of the Theory of Electrical Breakdown of Solid Dielectrics, by B. A. Chuenkov. Trans. from Uspehi Fizicheskikh Nauk 54, 185-230 (1954)
- AEC-tr-2756 Method for Cleaning Glass and Metal Surfaces by Means of a Gas Discharge, by V. V. Karasev and G. I. Izmailova. Trans. from Zhurnal Tekhnicheskoi Fiziki 24, 871-4 (1954)
- AEC-tr-2760 New Methods of Using Multiplex Etalons in High Resolution Spectroscopy, by F. A. Korolev. Trans from Akademia Nauk, SSSR. Seria Fizicheskaja. Izvestia 19, 78-9 (1955)
- AEC-tr-2761 The Use of Pulse Discharges for Spectrum Analysis of Gas Mixtures, by O. P. Buchkova and E. Ia. Shreider. Trans. from Akademia Nauk, SSSR. Seria Fizicheskaja. Izvestia 19, 75-6 (1955)
- AEC-tr-2855 Statistical Theory of Phase Transitions, by B. T. Geilikman. Trans. of a book published by Gosudarstvennoe Izdatelstvo Tekhniko-Teoreticheskoi Literatury, Moscow, 1954.
- AEC-tr-2907 The Influence of Mechanical Pressure on Dielectric Properties of Ferroelectric Ceramics, by E. V. Sinyakov (I.e., Siniakov) and I. A. Izhak. Trans. from Akademia Nauk, SSSR. Doklady 100, 243-6 (1955)
- AEC-4239 Applications of Fluoride Volatility Processes to Feed Materials . R. K. Steunenber, 2-56  
R. C. Vogel, 2-56  
Argonne Nat'l. Lab.
- AERE-C/M-80 The Fluoride-Hydroxide Cycle in the Purification of Plutonium. J. K. Dawson, 8-50  
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- AERE-C/R-2120 The Application of Vacuum Ultra-Violet Techniques to the Continuous Monitoring of Trace Concentrations of Water in Several Gases. R. S. Garton, 12-56  
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AERE-CE/R-2016	A Contribution to the Theory of the Hydraulic Cyclone, and Data on the performance of Small Diameter Cyclones. Parts 1 and 2.	D. Bradley	
ANL-5743	Gloves for Protective Enclosures.	D. A. Davis, J. E. Ayer, R. M. Mayfield	5-57
*BNL-270	Determination of Rare Earths in Refined Uranium; Topical Report.	R. A. Ewing, A. E. Bearse	6-30-53
*BNL-1103	Differential Thermal Analysis of Uranium Tetrafluoride-Uranium Dioxide Mixtures.	R. A. Ewing, A. E. Bearse	6-28-56
*BNL-1811	Effects of Gamma Irradiation on Nitro Alkane Formation in the Purex and Redox Systems.	P. Colombo	4-20-54
*BNL-3201	The Spontaneous Neutron Yield of Natural Uranium. Serial Report No. 7 on Startup Experiments.	R. S. Margulies	9-4-51
*CF-49-1-239	Report for Month Ending January 15, 1949; Technical Division; Pilot Plant Section.	D. G. Reid Oak Ridge Nat'l. Lab.	1-25-49
*CF-49-4-141	Gamma Irradiation of Oils and Plastics.	R. N. Lyon Same	4-13-49
*CF-50-11-121	A Method for the Preliminary Analysis of Percolation Data.	S. H. Jury Same	11-20-50
*CF-51-7-110	Extraction Test in a Pulse Column Using a Slurry Feed Containing 20% Solids.	A. C. Jealous Same	7-24-51
*CF-51-8-120	Dry Processing. I. Chlorination. II. Hydrofluorination. Quarterly Report for Period May 10 to August 10, 1951.	B. L. Baker Same	8-10-51
*CF-51-10-71	Special Process Equipment.	E. R. Edmondson Amer. Cyanamid Co.	10-12-51
*CF-51-12-171	Production of Extremely Fine Particles of UO <sub>3</sub> by Spray Calcining of UNH	M. L. Feldman Oak Ridge Nat'l. Lab.	12-28-51

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*CF-52-2-215	Continuous Evaporation of the Purex Process ICU Stream in the ORNL Pilot Plant.	A. E. Wible Oak Ridge Nat'l. Lab.	2-27-52
*CF-52-5-113	Plutonium Extraction From K-25 Pot Residue. Quarterly Report for Period February 10, 1952-May 10, 1952.	J. R. Flanary Same	5-14-52
*CF-52-5-235	ISHR Gas Separator.	J. O. Bradfute Same	5-21-52
*CF-52-6-107	An Experimental Comparison of the Higgins Continuous Ion Exchanger With a Conventional Fixed-Bed Ion Exchange Column.	J. T. Roberts Same	6-18-52
*CF-52-6-162	Resolution of the Sodium Diuranate Precipitate in the W-7 Metal Waste Tank.	J. E. Savolainen Same	6-26-52
*CF-53-2-164	Design Study for Slug Handling and Charging for the Thorex Process Pilot Plant.	L. N. Howell, A. M. Tripp, F. Ring, Jr. Same	2-9-53
*CF-53-2-234	Summary of Experiments on the Inhibition of Corrosion by the Pertechmetate Ion.	G. H. Cartledge Same	2-24-53
*CF-53-3-208	Thorex Process: Continuous Dissolver Development Program. Quarterly Report for Period November 1, 1952 - February 1, 1953.	D. L. Foster Same	3-23-53
*CF-53-4-277	Recombination and Reactor-Irradiation Behavior of Uranyl Phosphate-Phosphoric Acid Solutions.	R. M. Bidwell, H. F. McDuffie Same	4-29-53
*CF-53-4-292	Use of Copper as an Internal Recombination Catalyst in the ISHR.	P. N. Haubenreich, M. Tobias, Same	4-30-53
*CF-53-5-20	Preliminary Investigations of a TBP Extraction Process for Recovering U <sup>233</sup> From the Thorex Process Cu Stream.	B. G. Ryle Same	5-4-53
*CF-53-6-105	Some Instrumentation Development for Thorex Pulse Columns.	T. M. Gayle Same	6-12-53

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*CF-53-6-166	Dibutyl and Monbutyl Phosphate Studies: The Determination of Micro-Quantities of Dibutyl Phosphate in Tributyl Phosphate-Amsco Solutions.	C. E. Pietri Oak Ridge Nat'l. Lab.	6-23-53
*CF-53-7-100	The Effect of Run Duration, Sampling Frequency, and Nickel Pickup on the Uncertainty in Observed HRE Corrosion Rates.	E. L. Compare Same	7-16-53
*CF-53-7-130	Ruthenium Distillation in Purex Acid Waste Evaporation.	J. R. Flanary, V. J. Reilly Same	7-20-53
*CF-53-7-183	Tentative Chemical Flowsheet for the Decontamination and Recovery of U-235 From Irradiated Uranium-Aluminum Alloys Using a 1.5% TBP System.	A. T. Gresky Same	7-24-53
*CF-53-8-146	Measurement of the Fast-Neutron Spectrum of the Bulk Shielding Reactor Using Nuclear Plates.	M. P. Haydon, E. B. Johnson, J. L. Meem Same	8-31-53
*CF-53-8-149	The Abrasive Properties of Thorium Oxide.	J. P. McBride Same	8-21-53
*CF-53-9-150	Physical Properties of Gas Mixture in ISHR High Pressure Gas System.	R. E. Aven Same	9-28-53
*CF-53-9-188	Recovery of 7500 Area Salvage Material.	C. Mann, J. E. Bigelow Same	9-24-53
*CF-53-11-191	Excer [Process]: Preliminary Investigation of Electrolytic Reduction and Precipitation of Uranium From a Nitrate System.	E. D. Arnold, E. O. Murni Same	11-20-53
*CF-53-12-187	Removal of Liquid From Circulating Slurry by Filtration.	L. C. Alexander Same	12-30-53
*CF-54-1-161	Physical Properties of Solutions in the HRT.	R. E. Aven Same	1-25-54

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*CF-54-2-130	Moving Bed-Excer Cost Comparison.	F. E. Harrington, 2-17-54 J. E. Moore, J. T. Roberts Oak Ridge Nat'l. Lab.
*CF-54-3-114	Analytical Schedule for Thorex Pilot Plant.	C. E. Lamb, 3-19-54 W. T. McDuffie, C. R. Wilson, et al Same
*CF-54-4-131	Preparation of Acid Deficient Aluminum Nitrate by Electrodialysis.	E. J. Parsi 4-14-54 Same
*CF-54-6-71	HR Processing Program: Study of Liquid-Solid Cyclones--Problem Statement.	M. E. Whatley 6-7-54 Same
*CF-54-9-171	Uranium Isotope Fractionation Factor in Batch Equilibration Between Resin and Versene Solution.	J. S. Drury, 9-29-54 A. C. Rutenberg, Same
*CF-54-11-117	Preliminary Study of "Cotton" and Thorium "Backgrounds" in the Thorex Process.	S. A. Reynolds 11-22-54 Same
*CF-54-11-162	Fractionation of Uranium Isotopes by Ion Exchange.	J. S. Drury, 11-23-54 A. C. Rutenberg Same
*CF-55-3-69	Homogeneous Reactor Test Chemical Processing Project--Applicability of Freeze Plugs, Problem Statement.	P. E. Novak 3-7-55 Same
*CF-55-4-149	25 Process Assistance for Period of April 4, 1955 to April 15, 1955.	F. L. Culler 4-26-55 Same
*CF-55-6-71	Comments on the Effect of Electrolytes on Thorium Oxide Slurrries.	D. G. Thomas 6-8-55 Same
*CF-55-7-49	Thorex Second Thorium Cycle.	R. P. Wischow 7-5-55 Same

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*CF-55-8-130	Preparation of Thorium Tetrachloride by Chlorination of Thorium Oxide or Thorium Oxalate.	J. M. Chandler Oak Ridge Nat'l. Lab.	8-24-55
*CF-56-6-100	Feed Materials Processing Status Report for June 1956.	R. E. Blanco, W. K. Elster Same	6-15-56
*CF-56-7-100	Feed Materials Processing Status Report for July 1956.	R. E. Blanco, W. K. Elster Same	7-15-56
*CF-56-12-128	Chemical Technology Division, Unit Operations Section Monthly Progress Report [for] December 1956.	J. C. Bresee, J. T. Long, E. O. Nurmi, et al Same	5-22-57
CRC-696	A Colorimetric Determination of Energy Deposition in the J-Rod Annulus of the NFX Reactor.	P. J. Dyne, W. Thurston Chalk River Project	4-57
*WPC-175	Digestion of Uranium Bearing Ores Using Dilute Nitric Acid.	A. B. Kreuzmann, E. R. Johnson Nat'l. Lead Co.	3-4-53
*ES-B-1029-A	Annotated Bibliography of the Analytical Chemistry of Niobium and Tantalum, January 1935-June 1953.	F. Cuttitta Geological Survey	1957
*HM-13262	Parian and Teflon in LA Redox Solutions.	W. W. Koenig	5-9-49
*HM-17226	Solubility Relationships of Acidified Stored Metal Wastes.	M. H. Curtis	3-24-50
*HM-18149	Sludge Acidification. Progress Report.	M. K. Harmon	6-23-50
*HM-18150	Terminal Report on the Radium Laboratory. II. Analytical Methods Research and Adaptation.	H. R. Schmidt, W. W. Marshall	6-50
*HM-27489	Factors Affecting the Concentration of TBP Plant Wastes.	D. F. Shepard	3-25-53

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*HM-30500	The Resistance of Various Bearing Materials to Chemical Attack by Nitric Acid and Uranyl Nitrate Hexahydrate.	M. D. Groves	3-11-54
*HM-30719	Artificial Graphite as a Nuclear Reactor Material.	L. P. Bupp	2-1-54
*HM-33479(Rev.)	Ruthenium in the Purex Process.	R. E. Tomlinson F. J. Leitz, Jr.	10-14-54
*HM-43096	Analysis of High Purity Water by Spectrochemistry.	J. L. Daniel, R. Ko	5-7-56
*HM-49195	The Turbulent Diffusion of River Contaminants.	H. T. Norton	3-25-57
HW-49718	Development of a Coincidence Spectrometer and a Method for Analysis of Cobalt-60.	H. R. Helmholz	4-22-57
*IDO-14226	Settling Rates of Particles in Dissolver Solution 3002 UM-1Fu.	G. K. Cederberg Amer. Cyanamid Co. Idaho Falls, Idaho	2-24-53
IDO-14407	Status Report on Studies of Uranium-Aluminum Alloy Dissolution to a Diban Dissolver Product.	R. L. Andelin, F. H. Tingey, C. M. Slansky Phillips Pet. Co.	6-17-57
ICR-IV/C-536	Alkali Metal-Gas Reactions, Part X: The Influence of Hydrogen on the Reaction of Sodium With Oxygen.	P. B. Longton Gt. Brit. Culcheth Labs., Culcheth, Lancs, England	4-57
ISC-834	Semi-Annual Summary Research Report in Chemistry for July - December, 1956.	Ames Lab.	3-15-57
K-1325	The Infrared Spectrum of Chromium Fluoride.	W. E. Hobbs Oak Ridge Gaseous Diffusion Plant	7-3-57
KAPL-1779	Pile-Induced Threshold Reactions in Stainless Steel.	R. P. Schuman, A. C. Mewharter	5-24-57

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*KIX-1207	Progress Report: September 1950. Job 23.	Kellex Corp; New York	10-9-50
*KIX-1209	Progress Report: November 1950; Job 23	Same	1-3-51
*KIX-1225	Project Summation Nitrate Recovery From Rafinates, (23-G) Job 23; October 1950-February 1952.		5-28-52
*KIX-1601	Progress Report [for] May 1952; Homogeneous Reactor Processing; Job 57.		6-16-52
*KIX-1602	Progress Report [for] June 1952 [on] Homogeneous Reactor Processing; Job 57.		7-7-52
LM/TAB-1	Liquid Metals Technology Abstract Bulletin for the Period July 1 to August 31, 1956.	Mine Safety Appl. Co., Callery, Penna.	9-7-56
LM/TAB-2	Liquid Metals Technology Abstract Bulletin for the Period September 1 to October 31, 1956.	Same	11-1-56
LM/TAB-3	Liquid Metals Technology Abstract Bulletin for the Period November 1 to December 31, 1956.	Same	1-8-57
LM/TAB-4	Liquid Metals Technology Abstract Bulletin for the Period January 1 to May 31, 1957.	Same	6-18-57
*MWS-29061	Accountability, Security, and Health Physics Procedures for U-235 in Exponential Studies.	Calif. Res. and Dev. Co.	4-21-53
M-12	Technical Data Sheets on Properties of Freons.	Kellex Corp., New York	
*MCW-17	The Distribution of Precious Metals in Various Residues Obtained in R. W. Shearer the Preparation of Uranyl Nitrate From Pitchblende.		4-1-46
*MCW-19	Development of Continuous Ether Extraction Process for Purification J. V. Opie of Uranium Derived Directly From Pitchblende Ore.		4-1-46

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*MCW-110	Beaker Experiment to Determine the Optimum Concentrations of $\text{Na}_2\text{CO}_3$ and $\text{NaHCO}_3$ in the Adjusted Liquors for the C-3 Process [Carbonate Leaching Process].	W. G. Weber	8-21-48
*MCW-121	Reaction Rate of the Fluorination of Uranium Dioxide at a Continuously Increasing Temperature.	C. W. Kuhlman	6-19-48
*MCW-144	Fluorination of Uranium Trioxide-Rate and "Apparent Equilibrium" Studies.	C. W. Kuhlman, Jr.	10-19-48
*MCW-209	Progress Report of Pilor Plant Work on $\text{UF}_4$ Production by Continuous E. K. Teter Methods; Period June 19, 1949 to July 13, 1949.	E. K. Teter	7-29-49
*MCW-217	Reduction of Uranium Trioxide to Uranium Dioxide With Anhydrous Ammonia.	C. W. Kuhlman, Jr.	9-8-49
MISC-1957-156	Absolute ( $d, g$ ) Reaction Cross Sections and Excitation Functions. (Thesis?)	O. U. Anders Michigan Univ.	4-57
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H. C. Ott 1-14-48  
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