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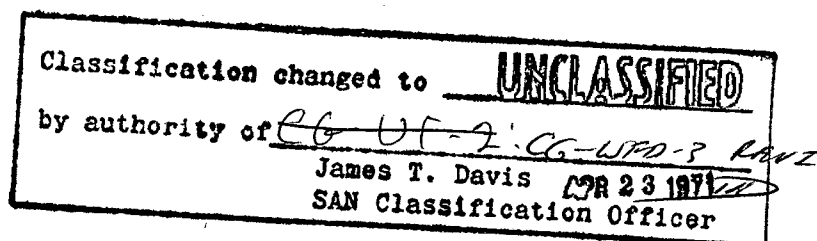
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Contract No. W-7405-eng-48



PROJECT WHITNEY ADMINISTRATIVE PROGRESS REPORT

For the Period Ending November 30, 1953

Special Review of Declassified Reports
December 18, 1953

Authorized by USDOE JK Bratton

Unclassified TWX P182206Z May 79

REPORT PROPERLY DECLASSIFIED

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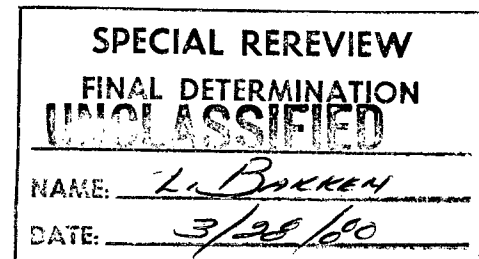
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UNIVERSITY OF CALIFORNIA RADIATION LABORATORY
PROJECT WHITNEY ADMINISTRATIVE PROGRESS REPORT

For the Period Ending November 30, 1953

December 18, 1953

INTRODUCTION

Operations

During November the direct labor charged against Project Whitney dropped approximately 10 percent from the peak reached in September and October. This can be accounted for by completion of the major portion of the build-up for the test program. Local overtime work has been reduced almost to zero, as it is now occasioned only by emergencies. The labor and labor dependent costs, called "hard-core" costs by UCRL, are following the Project Whitney budget predictions. In the next few months large cash payments and cost transfers amounting to well over \$2,000,000 will be made to supporting contractors for various services and materials obtained by PW for the test program.

The overall budget has been reviewed (mid-year review), and the Project Whitney portion (\$15,000,000), found adequate for the current program. However, the desire of the AEC to increase Dr. R. Post's work will require additional funds. A request therefore has been made to increase the budget by \$500,000 to support his program adequately.

Plant and Equipment

The current building program at Livermore involves beginning the construction of seven buildings in the near future.

The largest will be the 3D (Design and Diagnostic Development) Building. An architect-engineer has been selected and the preliminary planning is underway. This building of about 40,000 sq. ft., costing around \$900,000, is to be completed by January 1, 1955. As its name implies it will be used for weapons oriented experimental physics.

UCRL-PW expects to obtain by April 1, 1954 an IBM - 701-A, which requires that another computer building be constructed on an extremely short schedule. Construction will start in January and is to be completed by March 15, 1954.

The SAGA (Sub-Critical Assembly Group Area) Building construction will start in mid-December, with completion scheduled for June 1, 1954.

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The four other buildings (Additional wing to Fabrication and Assembly Bldg., Mechanical Shops Bldg., additional wing on Chemistry Bldg., and the Handling and Storage Bldg.,) are all in the design stage at present. All are scheduled for completion before January 1, 1955.

The first increment of the mechanical utilities for the Livermore site are presently being installed. The fence and flood lighting of the Livermore site is almost complete.

Possible locations for Site 300 are being investigated by the Corps of Engineers. After a location is decided on and procured, detailed planning will be undertaken on the facilities to be built.

COST INFORMATION

Summary

<u>Operations</u>	Labor	Material	Indirect	Total
November	306,397	411,310	415,700	1,133,407
FY-1954 Cuml. to November 30	1,559,003	2,024,310	1,912,135	5,495,448
<u>Plant</u>	UCRL Labor	Material and Out- Side Con- tracts	Total	Outstanding Commitments
November	20,565	318,308	338,873	139,211
FY-1954 Cuml. to November 30	68,308	884,876	953,184	
FY-1953 Total	132,699	2,286,574	2,419,273	
Total cost to date	201,007	3,171,450	3,372,457	139,211

PROJECT WHITNEY PERSONNEL REPORT 11/30/53

Department	BERKELEY			LIVERMORE			UCRL	CR&D	Total
	Oper.	P and E	Total	Oper	P and E	Total	Total		
ADMINISTRATIVE AND SERVICE									
Director's Office	-	-	-	2	-	2	2	-	2
Business Office	5	-	5	14	-	14	19	-	19
Reproducing Office	-	-	-	5	-	5	5	-	5
Controller's Office	6	-	6	1	-	1	7	1	7
Personnel Office	8	-	8	4	-	4	12	-	12
Patent Office	-	-	-	-	-	-	-	-	-
Information	2	-	2	15	-	15	17	-	17
Purchasing	15	-	15	3	-	3	18	-	18
Inventory	1	-	1	9	-	9	10	-	10
Stores	18	-	18	28	-	28	46	-	46
Transportation-Materials	4	-	4	5	-	5	9	-	9
Radiation Protection	1	-	1	3	-	3	4	-	4
Security	2	-	2	7	-	7	9	58	67
Transportation-Personnel	-	-	-	3	-	3	3	-	3
Custodians	-	-	-	-	-	-	-	12	12
Facilities	-	-	-	19	-	19	19	1	20
Nurses	-	-	-	4	-	4	4	-	4
Total	62	-	62	122	-	122	184	71	255
ENGINEERING AND SHOPS									
Plant Engineering	-	3	3	4	8	12	15	-	15
Laborers	-	-	-	-	-	-	-	11	11
Maint. Machinists	-	-	-	24	-	24	24	-	24
Constr. Crafts	5	1	6	-	-	-	6	31	37
Elec. Engr.	10	7	17	55	2	57	74	-	74
Electronic Shops	12	2	14	74	-	74	88	-	88
Mechanical Engineering	3	10	13	53	2	55	68	1	68
Mechanical Shops	53	9	62	45	-	45	107	-	107
Mechanical Equipment	8	3	11	95	2	97	108	-	108
Health Chem. Engr.	16	-	16	11	-	11	27	-	27
Total	107	35	142	361	14	375	517	42	559
RESEARCH									
Total	177	-	177	274	-	274	291	-	291
GRAND TOTAL	186	35	221	757	14	771	992	113	1,105

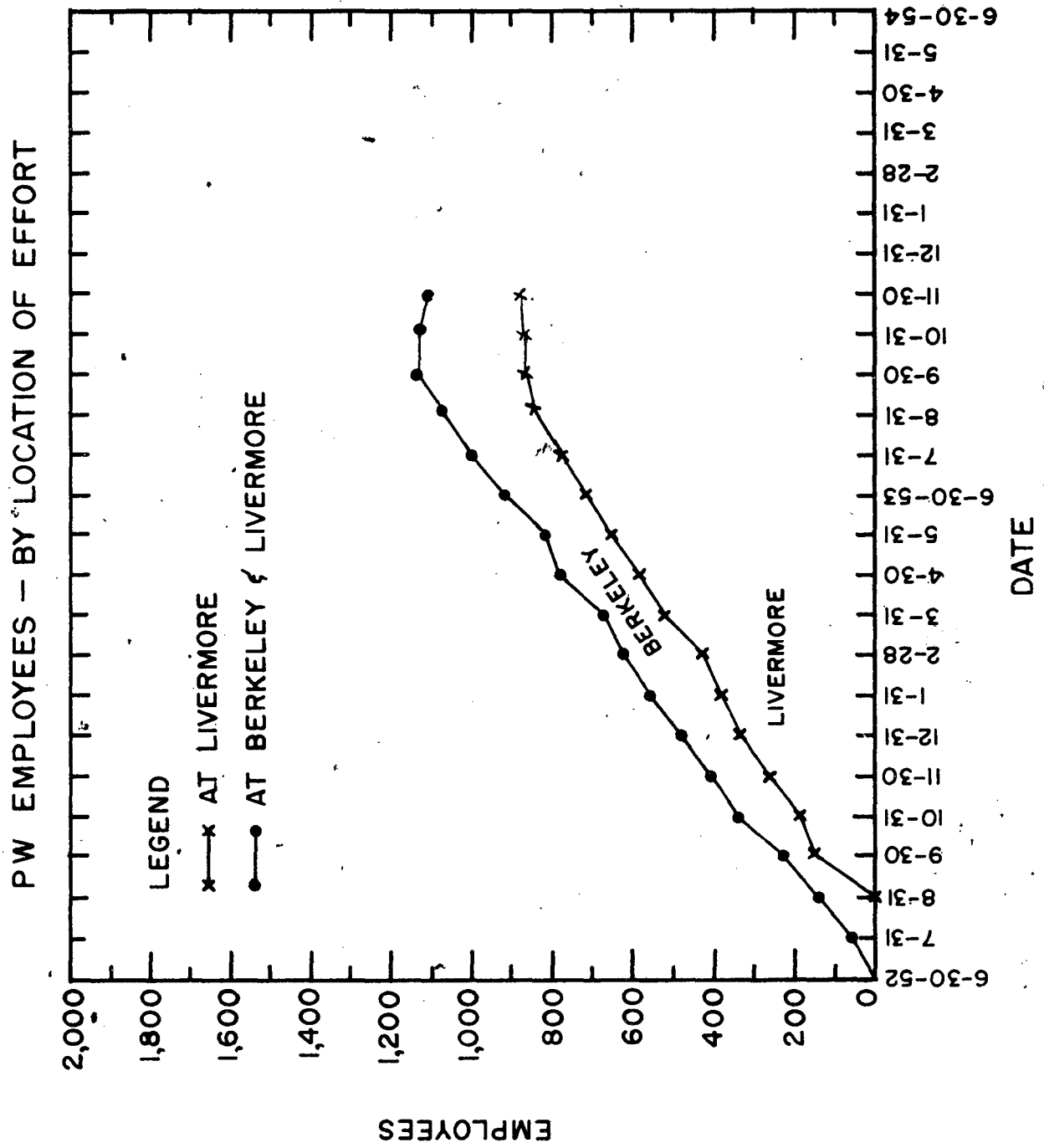


FIG. 1

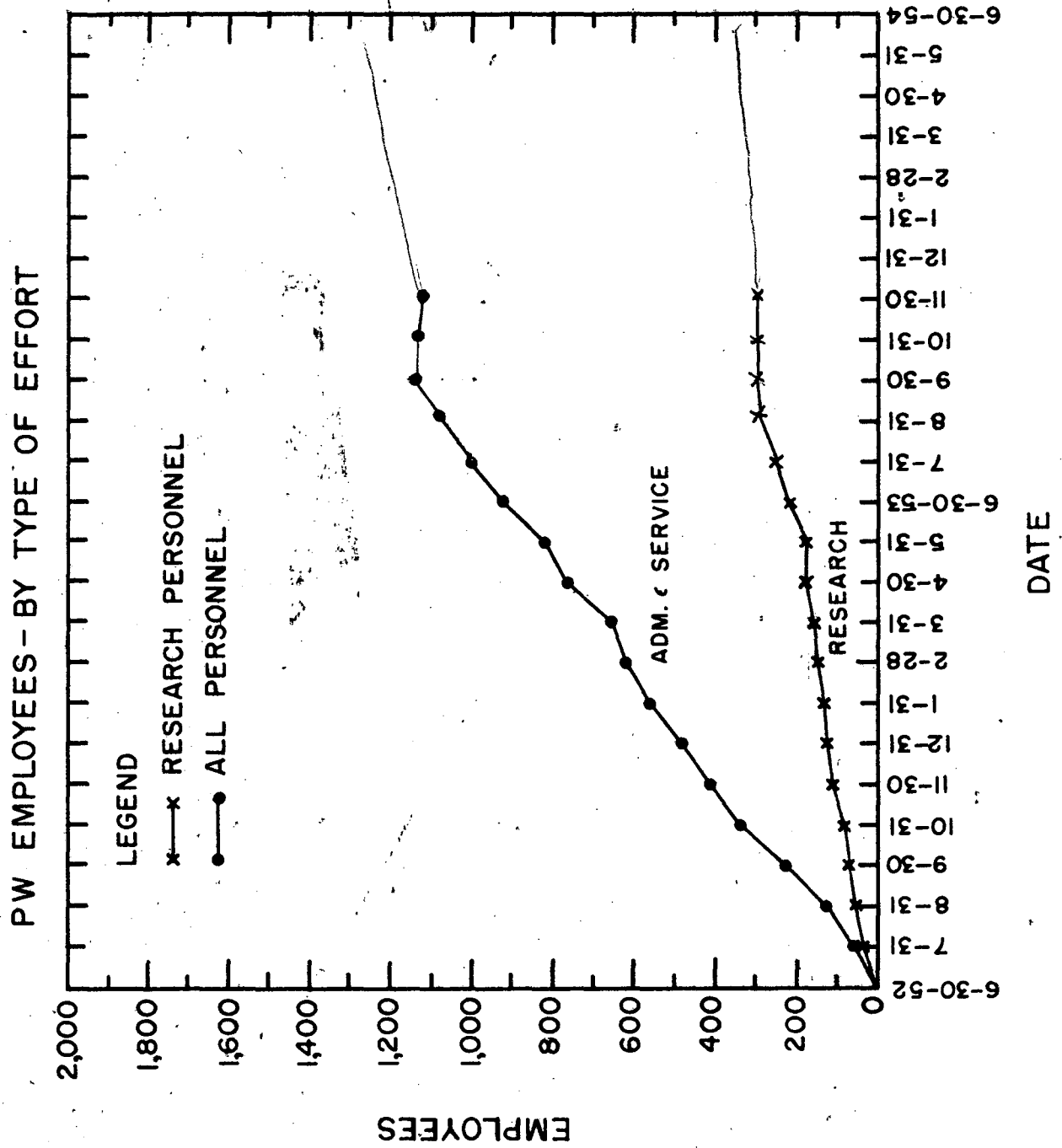


FIG. 2

CUMULATIVE OPERATING COSTS
PROGRAM 3000 FY 1954

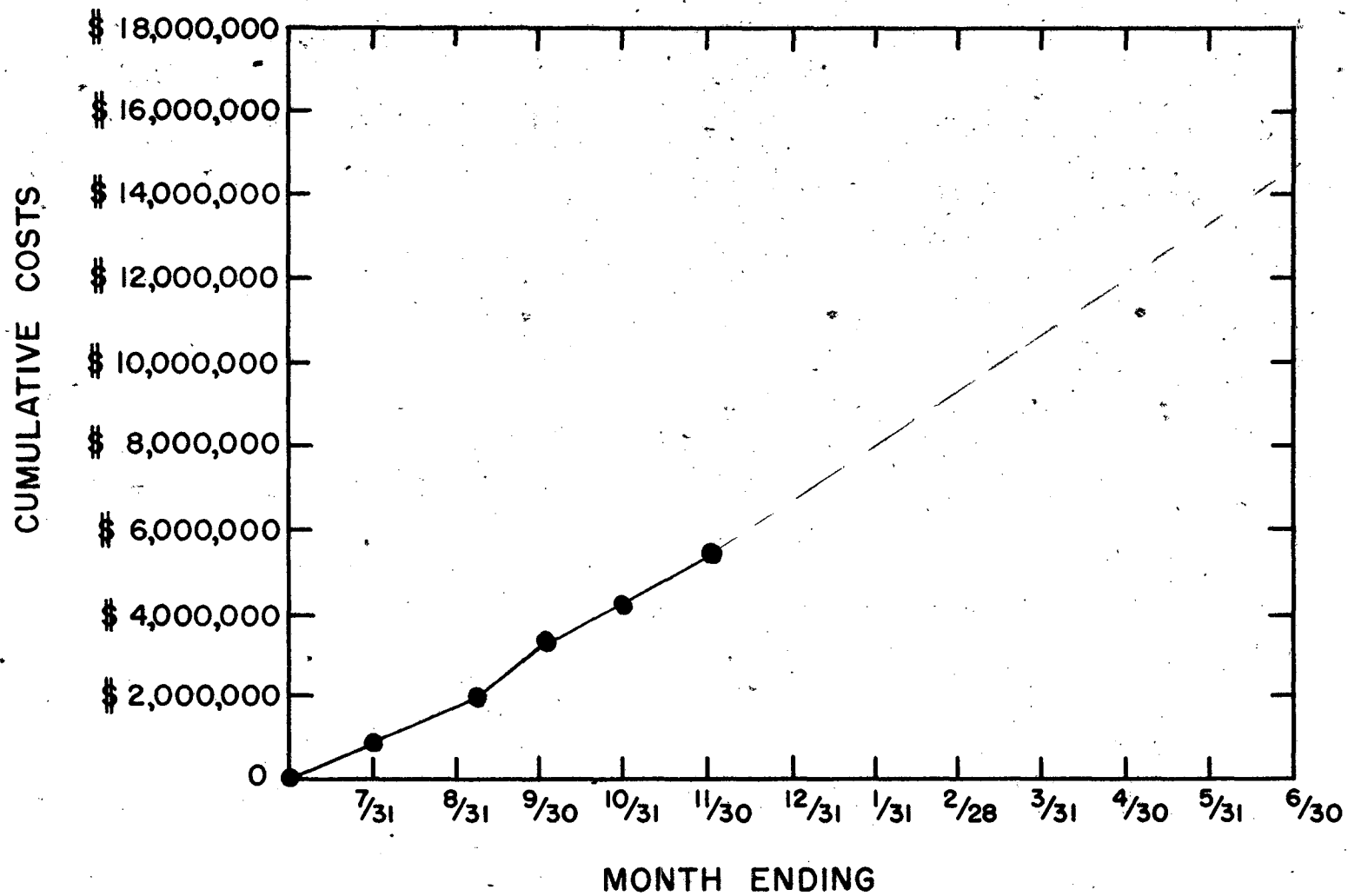


FIG.3

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