

C
G

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 4/8/68

FROM : John Enders, H-1

SUBJECT: Solid Radioactive Waste Disposal Report for the first quarter of 1968

SYMBOL :

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This report covers disposal activities for the first quarter of 1968. Information for the report has been furnished by The Zia Company, Eng-4, Supply and Property Dept. and IA Notebooks # 114995 and #12442.

1329
Report

As some of the data presented is based on estimates this fact should be kept in mind if any conclusions are to be drawn from this report.

Beta-Gamma Disposal: Area C and G

Three disposal shafts were capped with Ready-Mix cement in March. The job took 20 sacks of cement and about eight man-hours to complete. Two more shafts will be sealed when another shipment of Ready-Mix has been received.

One recovery operation was carried out during the quarter. CMB-14 personnel successfully recovered some material which had been placed in a disposal shaft and covered with dirt. A heavy duty vacuum cleaner was used to lift the covering dirt out of the shaft and a long pole with a hook was used to recover the material. Personnel exposure during the operation was very low.

Low Level Waste Disposal: Area G

One out-of-town shipment, consisting of 60(55 gal.) drums, was received, off-loaded and buried in pit #5 in January. The operation was carried out without mishap.



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Eng. Dept. has been requested to lay out plans for a new disposal area and preliminary plans indicate it will be located just west of Area G. The request was based on the fact that pit #5, Area G, is filling faster than anticipated and it is the last pit in this Area.

Exposed trash in pit #5 was covered in January and in March, Bld. #1, Pajarito Site (one of the Lab's original buildings) was demolished and hauled to pit #5. Because of the increased danger from fire, due to the wood debris from this building, a work order will be requested in the near future to have exposed material in pit #5 covered.

Waste Volume:

1.	Small plastic bags(2,546 X 0.037 yd. ³)	<u>cubic yards</u> 94
2.	Large plastic bags(943 X 0.46 yd. ³)	434
3.	Cardboard boxes(7,537 X 0.087 yd. ³)	656
4.	55 gal. drums(459 X 0.3 yd. ³)	138
5.	Misc. scrap(estimated)	<u>1,900</u>
	Total:	3,222

Disposal Costs:

1.	Sm. plastic bags(2,546 X 8¢)	\$ 204
2.	Lg. plastic bags(943 X 25¢)	236
3.	Boxes(7,537 X 19¢)	1,430
4.	55 gal. Drums(459 X \$8.60)	3,947
5.	Masking tape(500 X 70¢)	350
6.	Zia Janitor charge	7,850

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Disposal Costs: (continued from page two)

7.	H-1 Vehicles	\$ 240
8.	H-1 Radio	166
9.	Protective Clothing	50
10.	Road & Ruin excav. (Bal. as of 4/1/68= \$5 ,318)	135
11.	Excav. pit #5 (Bal. as of 4/1/68= \$4 ,268)	1,423
12.	Health Physics Surveyor	2,625
13.	Zia Laborers (estimated)	800
14.	Zia Riggers (estimated)	1,200
15.	Seal Disposal Shafts (estimated)	50
16.	Cover exposed trash, pit #5 (estimated)	800
17.	Transport Dempster Dumpsters	<u>3,147</u>
	Total cost this quarter:	\$ 24,653

Cost per cubic yard, this quarter= \$ 8.00

cc: File