

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 10/14/65

FROM : John Enders, H-1

SUBJECT: SOLID RADIOACTIVE WASTE DISPOSAL REPORT FOR THE THIRD QUARTER OF 1965

SYMBOL :

1766 Report

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This report covers disposal activities for the third quarter of 1965, as well as volume and cost data. As some of the data is based on estimates, any conclusions made from this report should reflect this fact.

Data for this report was furnished by the Zia Parks and Refuse Dept., SP-3, Zia Tech Janitorial Dept., Eng-4 and LASL Notebooks #12442 and S-1065. A cost write-off for pit #4 has been started this quarter at the rate of  $\frac{1}{4}$  of the total cost per quarter.

Preliminary survey work has been completed during this quarter for the location of Pit #5 in Area G as well as for ten more disposal wells to be located in Area G west of pit #2. Waste material placed in pit #3 has almost completed layer #7 and after it has been covered (hopefully during the fourth quarter) the pit will be able to contain only a partial layer of material.

Disposal of U<sup>235</sup> solid residues took place during this quarter in Area C. A S.O.P. was prepared for the operation and by careful placement of material in disposal wells the fissile material limit per well was not exceeded. A work request was made to back-fill, with cement, filled disposal wells. As of the end of the third quarter there were two three-foot diameter wells left for use and six 12" diam. cement lined wells.

Area C

A cost write-off for Area C for this quarter is as follows:

- |    |  |                  |
|----|--|------------------|
| 1. | Fencing; (Bal. as of 10/1/65=\$203)                        | \$97.00          |
| 2. | Zia Labor (pump out water and dike around 12" diam. wells) | 50.00 (Estimate) |
|    |  | Total= \$147.00  |

Area G: (Waste volume)

		<u>Cubic Yards</u>
1.	Small plastic bags (1,841 X 0.037 yd. <sup>3</sup> )	68
2.	Large plastic bags (779 X 0.46 yd. <sup>3</sup> )	358
3.	Cardboard boxes (5,949 X 0.087 yd. <sup>3</sup> )	518
4.	55 gal. drums (690 X 0.3 yd. <sup>3</sup> )	207
5.	Misc. scrap (estimated)	500
		Total= 1,651 yd. <sup>3</sup>

Area G: (Cost data)

1.	Small plastic bags (1,841 X 8¢ ea.)	\$ 147.00
2.	Large plastic bags (779 X 20¢ ea.)	156.00
3.	Cardboard boxes (5,949 X 19¢ ea.)	1,130.00
4.	55 gal. drums (690 X \$8.60 ea.)	5,934.00
5.	Masking tape, 2" (400 rolls X 64¢ ea.)	256.00
6.	Zia Janitor charge	7,850.00
7.	D-7 Dozer rental	450.00
8.	H-1 Vehicles (#05607 & #7477)	240.00
9.	H-1 radio rental	51.00
10.	Protective clothing	50.00
11.	Fencing, Bal. as of 10/1/65=\$1,459)	151.00



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Area G:(cost data--continued)

12.	Road & Ruin Excav.(Bal. as of 10/1/65= <del>\$</del> 6,678)	\$ 135.00
13.	Health Physics Surveyor	2,625.00
14.	Cover exposed trash(during second quarter)	956.00
15.	Excavate pit #4(bal. as of 10/1/65= <del>\$</del> 13,125)	1,875.00
16.	Zia Laborers(estimate)	896.00
17.	Zia Riggers(estimate)	480.00
18.	Transport Dempster Dumpsters	2,305.00
	Total=	<u>\$25,687.00</u>

Cost per cubic yard this quarter= \$16.00.

cc: File