

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 7/15/69 122

FROM : John Enders, H-1

SUBJECT: SOLID RADIOACTIVE WASTE DISPOSAL REPORT FOR THE SECOND QUARTER OF 1969

SYMBOL :

1777 Report

Solid radioactive waste disposal activities and data for the second quarter of 1969 are present in this report. Because some of the data is based on estimates, any conclusions drawn from the report should bear this fact in mind.

Information has been furnished by the Zia Company, Eng-4, SP Dept. and LA Notebooks #14995, 15953 and 12442.

BETA-GAMMA WASTE:

Two disposal shafts were sealed during this quarter. Routine disposal of this type of material was carried out without incident. A report was prepared which estimated the cost of sealing disposal shafts, for the Group Office.

Low Level Waste:

Routine deliveries to pit #5 continued during the quarter. Considerable amounts of scrap material from DP West and the CMR Bld. contributed heavily to the fill rate in the pit. Contaminated equipment which had been stored at TA-42 was relocated in Area G until pit #6 is completed as pit #5 has very little useful space left as of the end of the quarter.

An inspection trip was made to TA-49 to look at some buildings located there. It is possible one or two may be available for use at Area G as storage buildings.

A work order has been submitted to have a 6 ft. diameter shaft drilled at Area G for disposal of contaminated oil. Drilling should start during the third quarter.



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<u>Waste Volume:</u>	<u>Total Yd.³</u>
1. Sm. plastic bags(2,199 X 0.037yd. ³)	81
2. Lg. plastic bags(1,003 X 0.46yd. ³)	461
3. Cardboard boxes(6,774 X 0.087yd. ³)	589
4. 55 gal. drums(387 X 0.3 yd. ³)	116
5. Misc. scrap(estimated)	<u>500</u>
Quarter	Total =
	1,747 yd. ³

Disposal Costs:

1. Sm. Pl. Bags(2,199 X 8¢)	\$ 176
2. Lg. Pl. Bags(1,003 X 24¢)	241
3. Boxes(6,774 X 19¢)	1,287
4. 55 gal. Drums(387 X \$8.60)	3,328
5. 2" tape(500 rolls X \$1.04)	520
6. Zia Janitor Charge	7,850
7. H-1 Vehicles	240
8. H-1 Radios	166
9. Protective clothing	50
10. Rd. & Ruin excav.(Bal. as of 7/1/69=\$4,643)	135
11. Health Physics Surveyor	2,625
12. Zia Laborers	500
13. Zia Riggers	2,000
14. Cover exposed trash(estimated)	1,200
15. Transport Dempster Dumpsters	<u>3,529</u>
	Total= <u>\$23,847</u>
Cost per quarter= \$14	