

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 4/29/69

FROM : John Enders, H-1

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

SYMBOL :

1776 Report

This report covers solid radioactive waste disposal activities for the first quarter of 1969. Some of the data is based on estimates and this fact should be kept in mind if any conclusions are to be drawn from the report.

Information for the report was furnished by Eng-4, The Zia Co., Supply and Property Dept. and LA Notebooks # 14995 and 12442.

Beta-Gamma Waste :

Routine disposal of this type of material was carried out during the quarter. Two 24" diameter shafts were filled this quarter and will be plugged with cement as soon as the weather permits.

One special disposal operation, involving some tritium contaminated residues, has not been carried out yet as it seems that H-7 had some interest in the material. This material is currently stored on top of the ground at Area G in tritium transport containers.

Low Level Waste:

One out-of-town shipment of classified, contaminated waste was received, off-loaded into Pit #5 and buried. Although an estimated 38 yd.³ of material was delivered, a dirt cover, about 3 feet thick was placed on top of the material for security reasons. This kind of operation uses up a lot of pit space far out of proportion to the amount of material involved.

Bld. 34, DP West, was demolished and delivered to pit #5 during the quarter by the Zia Company



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On 1/13/69, 15 drums filled with D-38 chips and turnings and cutting oil were delivered to pit #5 from the Shops Dept. An order to have the drums covered with dirt was submitted immediately to Eng-4 because their presence in the pit posed a potential fire hazard. The drums were finally covered on March 3, 1969.

All exposed trash in pit #5 was covered with dirt on March 24-26 by the Zia Company Roads Section. This covering operation completely filled up the southeast portion of the pit and leaves only the center portion for future deliveries.

Considerable advertising material has been received on different brands of hoists which could be used on the one-ton truck to load and off-load 55 gal. drums filled with contaminated oil. An order for one of these hoists may be placed after the first of July.

<u>Waste Volume:</u>	Yd. ³
1. Small plastic bags(2,232 X 0.037yd. ³)	83
2. Large plastic bags(1,049 X 0.46yd. ³)	483
3. Cardboard boxes(7,119 X 0.087yd. ³)	619
4. 55 gal. drums(265 X 0.3yd. ³)	80
5. Misc. Scrap(estimated)	500
Total:	1,765 yd. ³

<u>Disposal Costs:</u>	\$
1. Small plastic bags(2,232 X 8¢)	178
2. Large plastic bags(1,049 X 24¢)	252

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3. Cardboard boxes(7,119 X 19¢)	\$ 1,353
4. 55 gal. Drums(265 X \$8.60)	2,279
5. 2" masking tape(500 rolls @ \$1.04 ea.)	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 3/31/69= \$4,778)	135
11. Health Physics Surveyor	2,625
12. Zia Laborers	700
13. Zia Riggers	1,000
14. Covered trash (estimated)	1,312
15. Transport Dumpster Dumpster boxes (3,629 mi. @ \$0.9423/mi.)	3,420
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	Total: \$22,080

Cost per cubic yard this quarter= \$12.50

cc: File