

Lamar Johnson, Group Ldr., H-8

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SUMMARY OF CONTAMINATED WASTES TO DISPOSAL PITS, July 1 THROUGH DECEMBER 31, 1973
H7-LAE:20

During the last six months of 1973, the following contaminated wastes were forwarded to burial:

(1) To Mesita del Buey: (2)

Total volume	72,500	liters	(1)
Total equivalent ²³⁹ Pu	4.91	Ci	(2)
Total ²³⁸ Pu	3.58	Ci	
Total ²³⁹ Pu	1.39	Ci	(2)
Total ²⁴¹ Am	0.36 0.047	Ci	(4) (5)

(2) To Pits at DP-257, TA-21 (Area T):

Total volume cement paste	211,347	liters
Total volume of waste	125,580	liters
Total ²³⁸ Pu	6.15	Ci
Total ²³⁹ Pu	39.29	Ci
Total ²⁴¹ Am	291.28	Ci
Total MEP activity	0.58	Ci

Data on pits filled this period are as follows:

Pit.No.	Approx. Depth,m	Date Filled	Cement Paste liters	²³⁸ Pu	²³⁹ Pu	²⁴¹ Am
				Ci	Ci	Ci
60	19.1	8/3/73	90460	0.69	5.37	111.10
1 (3)	18.7	10/25/73	67440	0.28	2.91	70.76
53	15.8	12/ 6/73	71610	0.50	7.03	114.21

- (1) Waste volume only in 388 200-liter steel drums. These include 365 drums of sludge from TA-50.
- (2) Includes ten (10) drums of alcohol cement paste, about 1000 liters, containing 19.11g of ²³⁹Pu.
- (3) Pit was used for wash waters for 21 PMR runs and contains an unknown amount of activity from these washings.
- (4) July thru October only in 202-200 1 drums of sludge from TA-50.

(5) July thru Dec - 0.063 Ci in 365-200 l drums

LAE:mlk

xc: LAE, PMCG

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