

To: H-7 Files *GRB*
 Thru: J. R. Buchholz; L. A. Emelity, and T. K. Keenan, H-7
 From: Paul E. McGinnis, Liquid Waste Engr. Section *P.E.M.*
 Subject: SUMMARY OF CONTAMINATED WASTE SOLIDS TO DISPOSAL PITS FOR August
 Date: 4 October 1977
 Symbol: H-7-77-390

0542
TA-21



10099

19 76

From TA-50-1 to Mesita del Buey (TA-54)						From TA-21-257 to Area T Shafts and CMP						
Type of Waste Solids	No. of Drums	Vol. of Waste (Liters)	²³⁸ Pu curies	²³⁹ Pu curies	²⁴¹ Am curies	Type of Waste in Pug Mill Feed Solution	Volume (liters)					Total
							Pug Mill Run Number ⁽²⁾					
							420R	420F				
Plant Sludge	-	-	-	-	-	Plant Sludge	-	-				-
Plant Sludge	-	-	-	-	-	Neutralized Americium	4933	-				4933
Plant Sludge	-	-	-	-	-	Treated Strip	-	-				-
Plant Sludge	-	-	-	-	-	Raw KOH	-	247				247
Plant Sludge	-	-	-	-	-	Sight Glass Rinse Water ⁽¹⁾	531	692				1223
Plant Sludge	-	-	-	-	-	Miscellaneous	-	-				-
Plant Sludge	-	-	-	-	-	Total Vol. Feed Solutions	5464	939				6403
NOTES						GRAND Total Feed Solutions (liters) 6403						
1) Water used to clean sight glass						GRAND Total Cement Paste 8729						
2) R - indicates feed solutions used to generate Retrievable Paste											SHAFTS	CMP
F - indicates feed solutions used to generate Paste to Flush the Pug Mill discharge hose.						Total curies ²³⁸ Pu in Feed Solution					0.0	0.6
						Total curies ²³⁹ Pu in Feed Solution					0.0	1.0
						Total curies ²⁴¹ Am in Feed Solution					0.12	558 ⁽³⁾
						Total curies in Feed Solution*					0.12	560
						Total mCi B-γ activity in Feed Solution					.52	4.4
						Designation of Pit(s) Receiving Cement Paste					87	
						I.D. Nos. of CMP receiving Cement Paste					1236, 1239, 1240, 1241	
						Miscellaneous Drums of Waste Sent to Area "G", TA-54					-0-	
						* ²³⁸ Pu, ²³⁹ Pu, ²⁴¹ Am total curies. Actual H-7 Lab analysis of						
						Feed Solutions indicate a total of .13/640 curies based on						
						gross α.						