



**Department of Energy**  
Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office  
P.O. Box 30307  
North Las Vegas, NV 89036-0307

MAR 24 1997

**OVERNIGHT MAIL**

Michael J. Bell, Chief  
Engineering and Geosciences Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards  
U.S. Nuclear Regulatory Commission  
Two White Flint North  
Rockville, MD 20852

**TRENCHES AND TEST PITS SCHEDULED TO BE BACKFILLED**

Please review the enclosed list of trenches and test pits that are scheduled to be backfilled by the end of fiscal year 1997. The backfilling is scheduled to begin as soon as possible. Therefore, we would appreciate receiving any comments you have on this list by April 13, 1997.

If we do not receive comments concerning this matter by that date, we will assume that you have no concerns about the backfilling event. If there are any questions regarding this activity, please contact April V. Gil, Site Recommendation Team Leader at (702) 794-5578, or Robert G. Hawe at (702) 794-1441.

Stephan J. Brocoum  
Assistant Manager for Licensing

AML:AVG-1212

Enclosure:  
List of Trenches

1/1  
WM-11  
NHφ3  
102.4

9704030135 970324  
PDR WASTE  
WM-11 PDR

030018



MAR 24 1997

cc w/encl:

R. G. Kovach, M&O/LANL, Mercury, NV, M/S 763  
R. D. Oliver, M&O/LANL, Las Vegas, NV  
A. M. Haghi, M&O, Las Vegas, NV  
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R. G. Hawe, DOE/YMSCO, Las Vegas, NV  
J. T. Sullivan, DOE/YMSCO, Las Vegas, NV  
D. H. Coleman, DOE/YMSCO, Mercury, NV, M/S 763  
Records Processing Center = "6"

### High Priority Trenches & Test Pits Proposed for Backfilling During FY97

Sites off NT & Outside TWIEZ			
Group	Excavation Number	No. Sites	Comments
Crater Flat Trenches	Trench 1, 1a, 2, 2a, 8	5	Seismotectonic Framework Report 8/96
Bare Mountain Trenches	BMT 2	1	Seismotectonic Framework Report 8/96
Bare Mountain Trenches & Test Pits	BMTP 1, 2, 3, 4, 5, 6, 7, 8, 9	9	Seismotectonic Framework Report 8/96"
Solitario Canyon Fault Trenches	Trench 1, E1, 2, 3, 4	5	Seismotectonic Framework Report 8/96"
Volcanic Trenches	LW-T1, T2, T3, T4, T5	5	LANL Scientific Notebook EES-13-LV-01-3-05
Quaternary Faulting Prospect Pits	P1, P2, P3, P4, P5	5	USGS Bulletin 1790 pp 105

**SUBTOTAL: 3**

### High Priority Trenches & Test Pits (Continued)

SITES OUTSIDE THE TWIEZ & ON THE NTS			
Group	Excavation Number	No. Sites	Comments
Soil/Rock Test Pit	Test Pit 1,2,3	3	Site Geotechnical Report
Soil Trenches	SPFW 7, 3, 4, 5	4	Masters Thesis, Taylor, E.M. 1986, Impact of Time and Climate on Quaternary Soils in the Yucca Mountain Area of the Nevada Test Site
Frenchman Flats	FF#1, #2	2	USGS Open File Report 84-788 and USGS Open File Report 85-540

**SUBTOTAL: 9**

**ENCLOSURE**

**Lower Priority Trenches & Test Pits Proposed for Backfilling During FY97**

<b>SITES INSIDE THE TWIEZ</b>			
<b>Group</b>	<b>Excavation Number</b>	<b>No. Sites</b>	<b>Comments</b>
Soil Trenches	SPYW 15, 20, 14, 1, 16, 11, 12, 13, 8, 6, 9, 22,	12	Masters Thesis, Taylor, E.M. 1986 Impact of Time and Climate (as above)
Soil Trenches	SPFW 17, 18, 19	3	Masters Thesis, Taylor, E.M. 1986, Impact of Time and Climate (as above)
Soil Trenches	TR13, 11, A1	3	USGS Open File Report 84-788 and Seismotectonic Framework Report (A1)
Paleo-Flood Trenches	NCW-1, 2	2	USGS Open File Report 92-458
Midway Valley Test Pits	MWV-P1, 2, 3, 4, 9, 29, 30, 31, 32, 32a	10	Seismotectonic Framework Report

**SUBTOTAL:            30**