



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Reply to:  
1050 East Flamingo Road  
Suite 319  
Las Vegas, Nevada 89119  
Tel: (702) 388-6125  
FTS: 598-6125

TO: John J. Linehan, Director, HLPD  
Division of High-Level Waste Management, M/S 4-H-3

FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative

DATE: June 6, 1989

SUBJECT: WEEKLY ACTIVITY REPORT, PROTOTYPE TESTING

Please find enclosed the above-referenced report received in this office, i.e., week ending May 14, 1989.

PTP:nan  
Enclosure

cc: Carl Johnson  
Agency for Nuclear Projects  
Nuclear Waste Project Office  
Capitol Complex  
Carson City, Nevada 89710

8906140335 890606  
PDR WASTE  
WM-11 PDC

FULL TEXT ASCII SCAN

102  
NH03  
wm-11

WEEKLY ACTIVITY REPORT  
PROTOTYPE TESTING  
Week Ending - May 14, 1989

ACCOMPLISHMENTS

- .TM - A Prototype Testing Budget Meeting has been for the last Tuesday of each month. The meeting this month will take place on May 30, 1989.
- .LLNL - Engineered Barrier: The heater is still turned off, cool down measurements continue to be taken in the Rock Mechanics drift.
- .USGS - Cross Hole: Modification to equipment is progressing at USGS, Denver. No NTS activity at this time.
  - Wet and Dry Drilling: Data collection is continuing on the four test holes in the U12g12 drift.
  - Drill Hole Instrumentation: Data collection is continuing on the two test holes near the end of the U12g12 drift.
  - Blast Effects Test: Work is proceeding in order to start the readiness review for this test.
  - Excavation Effects Test: Work is proceeding in order to begin the readiness review for this test.
  - Perched Water Test: Two perched water HQ holes were completed in the Puff-Tuff drift on May 11, 1989. A total of 24.5 ft of HQ hole was cored. Core recovery was 96.7 percent.
  - Controlled Blasting Test: The revised criteria letter has been received, for the Controlled Blasting Test.
  - Mapping Test: There were no significant accomplishments during this reporting period.
- .LANL - Diffusion Test: Data collection in Drill Hole #2 in the experimentation drift, and in Drill Hole #3 in the CFE 3 and 4 drift. Acquisition of the CMM2 drill was begun.
- .SNL - Thermal Stress: There were no significant accomplishments during this reporting period.

PLANNED WORK

- .LLNL - Engineered Barrier: Work should commence for heater removal on May 15, 1989. This work will be accomplished from the Rock Mechanics drift.
- .USGS - Cross Hole: Work is scheduled to begin again at the USGS Arizona site on approximately May 22, 1989. Work in G-Tunnel is schedule to begin tentatively on July 1, 1989.
  - Mapping: Fran Ridge mapping is schedule to begin pending Yucca Mountain Project approval.
  - Intact Fracture: Phase II work is scheduled to begin tentatively on July 10, 1989.
  - Drill Hole Instrumentation: No work other than data collection is planned for this test in the near future.

- Wet and Dry Drilling: No work other than data collection is planned for this test in the near future.
  - In-Situ Stress: Start the second In-situ Stress measurement attempt.
  - Controlled Blasting: Tentative readiness review scheduled for May 31, 1989.
  - Blast Effects: A readiness review is scheduled to take place on May 31, 1989.
  - Excavation Effects: A readiness review is scheduled to take place on May 31, 1989.
- .LANL - Diffusion: Continue monitoring data collection in Drill Holes in #2 and #3.
- .SNL - Thermal Stress: Work is progressing to obtain an open work order for this test.

PROBLEMS/ISSUES

NONE

EXPENDITURES

.Prototype Testing:	Work Days Remain	97	Expended	61 %
.REEC0:	Current Week-Prototype Testing	\$ 18,365	Year to Date	\$ 257,528
	Current Week-G-Tunnel Operation	\$ 21,413	Year to Date	\$ 645,468
.H&N:	Current Week-Prototype Testing	\$ 7,502	Year to Date	\$ 164,544
.F&S:	Current Week-Prototype Testing	\$ *	Year to Date	\$ *

\*Information not available at the time of this report.