



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

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

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

DATE: March 10, 1989

SUBJECT: WEEKLY ACTIVITY REPORT, PROTOTYPE TESTING

Please find enclosed the above-referenced report received in this office, i.e., for week ending February 12, 1989.

PTP:nan

Enclosure

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

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WEEKLY ACTIVITY REPORT
PROTOTYPE TESTING
Week Ending - February 12, 1989

ACCOMPLISHMENTS

- .TM - CMM-2 drill order request was forwarded to NTSO.
- .LLNL - Engineered Barrier: Continued data acquisition on the Horizontal Heater Test.
- .USGS - Cross Hole: No NTS activity.
 - Wet and Dry Drilling: Continued data collection on the four test holes.
 - Drill Hole Instrumentation: Data acquisition and equilibration continues.
 - Mapping: Yucca Mountain Project approval of FR (Fran Ridge) work order delayed.
 - Intact Fracture: Core barrels ordered through REECO, estimated 2 week delivery.
 - Rubble Coring: Conducted kick-off meeting, moisture instrumentation ordered through REECO.
 - Controlled Blasting: Completed draft of criteria letter.
 - Blast Effects: Finalized criteria letter mailed to Las Vegas.
 - Excavation Effects: Finalized criteria letter mailed to SNL.
 - In Situ Stress: Readiness review completed, approval pending closing of action items.
- .LANL - Diffusion Test: Test in progress in DH #2. Drilling started on DH #3 on February 1, 1989. Six feet drilled, very slow.
- .SNL - Thermal Stress: Readiness review scheduled for February 13, 1989.

PLANNED WORK

- .LLNL - Engineered Barrier: Continue data acquisition on Horizontal Heater Test. Develop Vertical Test criteria letter.
- .USGS - Mapping: Start FR mapping as Yucca Mountain Project authorization is obtained.
 - Cross Hole: Start deployment of packer apparatus in G-Tunnel in March, 1989.
 - Intact Fracture: Obtain an open work order.
 - Drill Hole Instrumentation: Continue instrumentation equilibration period and data acquisition.
 - Wet and Dry Drilling: Continue data collection on test holes.
 - Rubble Coring: Obtain an open work order. Drilling to start upon completion of non-welded diffusion overcoring operation. (DH #2)
 - In-Situ Stress: Obtain a Yucca Mountain Project Office approved criteria letter.

- Controlled Blasting: Continue consolidation of related tests and obtain a Yucca Mountain Project Office approved work order.
 - Blast Effects: Obtain an open work order.
 - Excavation Effects: Obtain an open work order.
 - Optimal Rubble Size: Obtain an open work order.
 - Perched Water: Obtain an open work order. Readiness review scheduled for February 13, 1989.
- .LANL - Diffusion: Continue and monitor solute injection in DH#2. Complete overcoring of DH #3 as other G-Tunnel activities permit.
- .SNL - Thermal Stress: Tentative Readiness Review on February 13, 1989.

PROBLEMS/ISSUES

NONE

EXPENDITURES

.Prototype Testing:	Work Days Remain	161	Expended	35 %
.REECo: Current Week-Prototype Testing	\$	3,326	Year to Date \$	65,125
Current Week-G-Tunnel Operation	\$	12,922	Year to Date \$	340,172
.H&N: Current Week-Prototype Testing	\$	3,399	Year to Date \$	73,328
.F&S: Current Week-Prototype Testing	\$	*	Year to Date \$	*

*Information not available at the time of this report.