



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

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

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

DATE: December 20, 1988

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending December 9, 1988.

PTP:nan
Enclosure

cc: King Stablein w/enc., M/S 4-H-3
Harold R. Denton, w/enc, M/S 17-F-2

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Department of Energy

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"QA: NA"

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Stephen H. Kale, Acting Associate Director, Facilities Siting and Development,
HQ (FW-20) FORS

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING DECEMBER 9, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

Efforts are continuing to provide copies of new references to the SCP at the time the SCP is released. Approximately 250 new references have been added to the statutory SCP.

The SCP Management Plan was approved by the Yucca Mountain Project Office (Project Office) on December 5, 1988.

SCP Study Plan Coordination

A dry run for the U.S. Nuclear Regulatory Commission (NRC) and U.S. Department of Energy (DOE) meeting on Study Plans was held in Washington, D.C., on December 9, 1988.

There are currently seventeen Study Plans in review:

| | |
|---|-----------|
| Project Review | 1 |
| Participant Revisions | 7 |
| Parallel Project Office and DOE/Headquarters (HQ) Review | 6 |
| DOE/HQ Review Pending | 3 |
| Total | 17 |

B. Core Sample Management

At the present time, the boreholes inventoried at the U.S. Geological Survey (USGS) Core Library consist of 204 boreholes; 198 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 3,949 boxes of core; 145 waxed core samples; and 62 miscellaneous samples.

Currently, 93 percent (4,593 containers) of the core tallied in the USGS-to-Sample Management Facility (SMF) has been inventoried and transferred to the SMF.

C. Quality Assurance (QA)

QA staff prepared input for the DOE December Project Integration Briefing, scheduled for December 5, 1988. Quality assurance goals over the next three months will focus on QA verification of the adequacy of project technical plans, administrative procedures, and activities aimed toward a fully qualified QA program.

Comments generated during a review of the proposed draft of NNWSI/88-9, Revision 2, were resolved with the NRC and Office of Civilian Radioactive Waste Management (OCRWM). The document was approved by the Project Office and transmitted to DOE/HQ.

QA staff completed drafts of two procedures that are needed in conjunction with the work required to bring the Yucca Mountain Project into full compliance with NUREG-1318. These draft procedures, AP-6.10Q, Identification of Items Important to Safety, and AP-5.4Q, Quality Assurance Level Assignments, will be reviewed by a task force assigned by the DOE/HQ.

D. Exploratory Shaft Facility (ESF)

Holmes & Narver, Inc. (H&N) submitted a work initiation to the Project Office to perform survey tests at the Area 15 Climax Shaft and G-Tunnel concerning survey accuracies for control points for the ESF.

II. Significant Accomplishments/Information Items

H&N submitted official notification to the Project Office that the Microfilm Center, which will process Project Office records, is now open. The center is located in Suite 240P of the Valley Bank Center.

A four-day comment resolution meeting was held at the Project Office. Representatives from USGS, Science Applications International Corporation (SAIC), Los Alamos National Laboratory, and Battelle Pacific Northwest Laboratory resolved reviewer comments for Systems Requirements, Repository Design Requirements, Waste Package Design Requirements, and the Exploratory Shaft Facility Subsystem Design Requirements documents.

A USGS abstract, "Numerical Simulation of Liquid-Water Infiltration into an Unsaturated, Fractured Rock Mass" by E. Kwicklis and D. Hoxie, has been completed for presentation at the University of Arizona Workshop IV on "Flow and Transport in Unsaturated Fractured Rock." This workshop will be held in Tucson, Arizona, on December 15, 1988. The abstract is a reference cited in the SCP.

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III. Upcoming Events

| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>Contact</u> |
|--|--|---------------------|--------------------------------|
| A. <u>Coordinating Group Meetings</u> | | | |
| None. | | | |
| B. <u>HQ Meetings</u> | | | |
| None. | | | |
| C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u> | | | |
| Thursday - Friday, December 14-15 | Technical Project Officers Meeting | Mercury, NV | J. Fiore SAIC |
| Wednesday, December 21 | Nevada Operations Office Manager's meeting | Las Vegas, NV | V. Davis Project Office |
| D. <u>State and Public Interaction</u> | | | |
| Thursday - Friday, December 15-16 | Tour of Nevada Test Site to Water Well Association | Mercury, NV | W. Hughes Project Office |
| E. <u>U.S. Nuclear Regulatory Commission Interaction</u> | | | |
| None. | | | |
| F. <u>Other</u> | | | |
| Monday, December 14 | Project Manager gives tour to Atomic Safety and Licensing Board Panel | Mercury, NV | V. Davis Project Office |
| Thursday, December 15 | Project Manager gives briefing to Monitored Retrievable Storage Commission | Washington, D.C. | V. Davis Project Office |


 Carl P. Gertz, Project Manager
 Yucca Mountain Project Office

YMP:SAC-1022