



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: January 5, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending December 23, 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

Nevada Operations Office
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WBS # 1.2.9.1.1
"QA: N/A"

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING DECEMBER 23, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)/Study Plan Coordination

There was no change in Study Plan status this week. Current efforts are focused on completing the project review of the five Exploratory Shaft Facility (ESF) construction phase Study Plans and submitting them to U.S. Department of Energy/Headquarters (DOE/HQ) by December 28, 1988.

There are currently seventeen Study Plans in review:

Project Review	1
Participant Revisions	7
Parallel FO & DOE/HQ Review	6
DOE/HQ Review Pending	3
Total	17

B. Core Sample Management

Currently, 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; 4,053 boxes of core; 159 waxed core samples; and 62 miscellaneous samples.

To date, 99 percent (4,675 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 accepted Records Management dispositions to Document Review Sheets (DRS) comments on Quality Management Procedure 17-01, Records Management. Comment resolutions were verified as having been incorporated in the procedure, and the DRS and draft procedure were returned to the Records Management group.

QA staff provided a review of five SCP Study Plans and met the very tight schedule established for this review. The review was performed in accordance with Administrative Procedure 1.10Q and made use of a detailed checklist constructed from the requirements contained in the project Quality Assurance Plan (QAP), NNWSI/88-9, Revision 2, and, in particular, Appendix K. Each document was found to be deficient with regard to one or more requirements. In addition, there is some concern about the conduct of the review process in that Office of Civilian Radioactive Waste Management (OCRWM) comments have already been separately incorporated and that there may be different versions of the same revision in existence. The Study Plans are as follows:

<u>SCP Reference</u>	<u>Rev.</u>	<u>Title</u>
8.3.1.2.2.2	1	Water Movement Tests
8.3.1.2.2.4	1	Characterization of the Yucca Mountain Unsaturated-Zone Percolation Exploratory-Shaft-Facility Study Plan
8.3.1.4.2.2	0	Characterization of the Structural Features in the Site Area
8.3.1.15.1.5	B	Excavation Investigations Study Plan
8.3.1.15.2.1	0	Characterization of the Site Ambient Stress Conditions

QA staff reviewed the proposed training outline for an OCRWM course on Software QA Auditing and provided comments to Battelle-Chicago for consideration.

All participants are scheduled to submit their Quality Assurance Program Plans to comply with NNWSI/88-9, Revision 2, by December 30, 1988.

QA staff began a review of the Software QAP and procedures in preparation for an audit of Oak Ridge National Laboratory software. The effort was requested by Lake Barrett of OCRWM and approved by Jim Blaylock, Yucca Mountain Project Quality Manager.

QA staff is continuing its support of the effort to develop the Methodologies and Procedures to achieve compliance with NUREG 1318.

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D. Exploratory Shaft Facility

A surveillance was conducted on December 21-22, 1988, in conjunction with the Yucca Mountain Project Office (Project Office) and DOE/HQ concerning ESF Title I Design Acceptability Analysis activities.

II. Significant Accomplishments/Information Items

The Yucca Mountain Project ESF Title I Design Summary Report, was printed and readied for distribution.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
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A. Coordinating Group Meetings

None.

B. HQ Meetings

None.

C. Internal Project and DOE/Nevada Operations Office (NV) Meetings

Wednesday, January 11	Nevada Operations Office Manager's meeting	Las Vegas, NV	V. Davis Project Office
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D. State and Public Interaction

Thursday, December 29	Briefing to four Nevada Legislators on the status of the Yucca Mountain Project	Las Vegas, NV	V. Davis Project Office
Thursday, January 5	Presentation to the Lincoln County Commissioners	Caliente, NV	V. Davis Project Office
Thursday, January 5	Presentation to the Caliente City Council Meeting	Caliente, NV	V. Davis Project Office

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E. U.S. Nuclear Regulatory Commission Interaction

Thursday, January 5	Briefing to NRC on Regulatory Responsi- bility and Schedule for HLW Repository Program	Rockville, MD	A. Jennetta SAIC
Monday - Tuesday, January 23-24	NRC/DOE presentation to the 23 Advisory Committee on Nuclear Waste on the HLW Pro- gram	Bethesda, MD	A. Jennetta SAIC

F. Other

None.

YMP:SAC-1284



Carl P. Gertz, Project Manager
Yucca Mountain Project Office