



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

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TO: John J. Linehan, Projector Director, Repository
Licensing Project Directorate (RLPD)
Division of High-Level Waste Management, M/S 4-H-3

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

DATE: November 16, 1988

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report
received in this office, i.e., for week ending November 11, 1988.

PTP:nan
Enclosure
cc: King Stablein w/enc.

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Department of Energy

Nevada Operations Office
P. O. Box 98518
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WBS 1.2.9.1.1
"QA: NA"

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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 NOVEMBER 11, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

The Project Review Group met in Washington, D.C., on November 7-9, 1988, to close out comments from the U.S. Department of Energy/Headquarters (DOE/HQ) concurrence review.

Reference verification of Section 8.4 continued this week. By the end of the week, all citations for currently available references had been verified. This activity is scheduled for completion by November 23, 1988.

Final markup of the SCP was completed this week. The final day for text revisions was November 9, 1988. Final production of the camera-ready Statutory SCP was initiated on November 7, 1988. Present plans are to submit the SCP to the printer the week of November 28, 1988.

SCP STUDY PLAN COORDINATION

Seventeen draft Study Plans are currently in review. Study Plan 8.3.1.17.4.6, Quaternary faulting within the site area, was submitted to the Yucca Mountain Project Office (Project Office) for project review this week. Two Study Plans are in project review prior to submittal for DOE/HQ review. Four Study Plans are undergoing revision by the participants. Six Study Plans have been submitted to DOE/HQ for review, and three Study Plans have been submitted to DOE/HQ for approval. Two Study Plans are in review at the U.S. Nuclear Regulatory Commission (NRC): (1) Excavation Investigations, Study 8.3.1.15.1.5, and (2) Water movement tracer tests using chloride and chlorine-36 measurements of percolation at Yucca Mountain, Study 8.3.1.2.2.2. Approximately 25 additional Study Plans are in the preparation phase.

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The present status of study plans is as follows:

Quality Check	0
Project Review	2
Participant Revisions	4
Parallel PO &	
DOE/HQ Review	5
DOE/HQ Review Pending	1
DOE/HQ Approval Pending	3
NRC Review	2
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Total	17

An informal comment resolution meeting on the multiple purpose borehole was held with DOE/HQ and project participants in Denver, Colorado, on November 8, 1988. On November 9, 1988, a meeting was held with DOE/HQ and the project Study Plan coordinators to discuss Study Plans. DOE/HQ met with Project participants on November 10, 1988, to plan for a potential meeting with the NRC to discuss the Study Plan content and the review process. This meeting is tentatively scheduled for December 1988.

B. Core Sample Management

The boreholes inventoried at the U.S. Geological Survey (USGS) Core Library currently consist of 109 boreholes; 87 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 3,795 boxes of core; 129 waxed core samples; and 58 miscellaneous samples.

A total of 4,931 containers were tallied in the USGS-to-Sample Management Facility (SMF) transfer. To date, 87 percent (4,309 containers) has been inventoried and transferred to the SMF.

C. Quality Assurance (QA)

The following Quality Assurance Program Plans (QAPPs) have been approved for implementation:

1. Fenix & Scisson (F&S) QAPP, Revisions 4 and 5
2. Holmes & Narver QAPP, Revision 2
3. Reynolds Electrical & Engineering Co., Inc. QAPP, Revisions 5 and 6.

QA staff provided a preliminary review of readiness for Atlas Wireline to provide geophysical logging as a subcontractor to F&S. The subcontractor will operate under the F&S QA Plan and have its procedures approved by F&S. QA staff determined that some procedures are deficient in the treatment of quality records.

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QA staff participated in the Integrated Data System Technical Assessment Review, which began on October 31, 1988. QA also provided a presentation on the procedure Quality Management Procedure 02-08, Technical Assessment Reviews.

D. Exploratory Shaft Facility (ESF)

A meeting was held November 10, 1988, to review the progress of the ESF prerequisite activities and to status the ESF schedule. This information will be used to update the Managers' notebook, which will be forwarded to DOE/HQ as soon as possible.

II. Significant Accomplishments/Information Items

The draft Peer Review Report on the Szymanski Report was completed in October; however, this draft was for internal review by the Peer Reviewers only. Their comments are due on November 23, 1988. The final report will be delivered to the Project Office for review and approval around December 25, 1988. The synthesis report is also scheduled for delivery to the Project Office around the same time.

The Section 175 Report was revised, completed, and transmitted to DOE/HQ on November 8, 1988. Technical and Management Support Services staff members will be attending a comment resolution meeting at DOE/HQ on November 14. Carl Gertz gave a presentation on the Section 175 Report at the November 9, 1988, Project Manager's meeting in Washington, D.C. On November 10, 1988, Eric Lundgaard gave a presentation on the Section 175 Report at the Office of Civilian Radioactive Waste Management Executive Committee meeting.

Representatives of Arthur D. Little were in the F&S offices to start work on the Safety/Reliability Analyses of the Title I Design. Additional meetings are scheduled for November 15 and December 13, 1988. These two meetings should complete the preliminary analysis of the Title I Design before the end of December.

Lawrence Livermore National Laboratory continues data collection activities for the Exploratory Shaft Prototype Testing. The temperature and moisture distributions are nonsymmetrical around the heater. Water collection is continuing at a constant rate, which is not in total agreement with scoping calculations.

The USGS abstract, "Applications of the Morphology and Genesis of Desert Soils to Quaternary Studies in the Southwestern United States," was approved by the Project Office. This abstract will be presented at the International Geological Congress in Washington, D.C., in July 1989.

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>			
	Wednesday, November 16	Nevada Operations Office Manager's Meeting	Las Vegas, NV	V. Davis Project Office
	Wednesday - Thursday, December 7-8	Transportation Coordination Group Meeting	Kansas City, KS	E. Lundgaard Project Office
D.	<u>State and Public Interaction</u>			
	Wednesday, November 16	Legislative Committee on High-Level Radioactive Waste	Reno, NV	V. Davis Project Office
	Wednesday, November 16	Project Manager, Presentation to the American Association of University Women	Las Vegas, NV	V. Davis Project Office
	Thursday, November 17	Project Manager, Presentation at Goldfield Town Hall Meeting	Goldfield, NV	V. Davis Project Office

D. State and Public Interaction cont'd.

Tuesday, November 22	Section 175 Report Status	Las Vegas, NV	E. Lundgaard Project Office
Wednesday, November 30	Project Manager Presentation to University of Nevada, Reno Faculty	Reno, NV	V. Davis Project Office
Thursday, December 1	Project Manager Presentation to American Nuclear Society	Idaho Falls, Idaho	V. Davis Project Office

E. U.S. Nuclear Regulatory Commission Interaction

None.

F. Other

Monday, December 14	Project Manager gives tour of Nevada Test Site to Atomic Safety and Licensing Board Panel	Mercury, NV	V. Davis Project Office
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Carl P. Gertz, Project Manager
Yucca Mountain Project Office

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