



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

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TO: John J. Linehan, Chief, Project Management & Quality
Assurance Branch (HLPM)
Division of High-Level Waste Management, M/S 4-H-3

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

DATE: October 12, 1988

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending September 30, 1988. There is nothing special to note.

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

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PDR WASTE
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Department of Energy

Nevada Operations Office
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WBS #1.2.9.1.1
"QA"

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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 SEPTEMBER 30, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

The Program Review Group accepted the draft Waste Package SCP sections, with some clarifying revisions. Consolidated markups of these sections are now released to the Science Applications International Corporation Document Production staff for preparation of the concurrence draft.

There was no change in Study Plan status this week. Fourteen draft Study Plans are currently in review. One Study Plan is in project review prior to submittal for U.S. Department of Energy/Headquarters (DOE/HQ) review. Four Study Plans are undergoing revision by the participants. Four 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: (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.

DOE/HQ reviews of the most recent Study Plans submitted, as well as reviews of all future Study Plans, will be on hold until DOE/HQ guidance for study plan review is finalized.

The present status of Study Plans is as follows:

Quality Check	0
Project Review	1
Participant Revisions	4
Parallel PO &	
DOE/HQ Review	1
DOE/HQ Review Pending	3

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Status of Study Plans (cont.)

DOE/HQ Review	0
Comment Resolution Check	0
DOE/HQ Approval Pending	3
NRC Review	<u>2</u>

Total 14

B. Core Sample Management

The installation of the LXE radio-linked bar code scanner system was completed this week.

The boreholes inventoried at the U.S. Geological Survey Core Library currently consist of 97 boreholes; 79 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 3,102 boxes of core; 103 waxed core samples; and 58 miscellaneous samples.

C. Quality Assurance (QA)

QA staff participated in a Yucca Mountain Project working group that proposed rewriting the Yucca Mountain Project Software QA requirements of Appendix H. This "new" proposal contains clarifications to the present Appendix H requirements. The effort was directed by the Yucca Mountain Project Office (Project Office) in order to reach an agreement on Software QA requirements. The proposed rewrite was sent to the participants with comments due by September 30, 1988.

QA staff provided a review of the Office of Civilian Radioactive Waste Management (OCRWM) procedure Quality Assurance Program Plan (QAPP) 3.1, Draft Technical Document Review. These comments were transmitted to staff on assignment at DOE/HQ.

Comment resolution actions with Sandia National Laboratories (SNL) yielded the resolution of 15 of the 33 comments on their fourth submittal of the QAPP, Revision B. Still pending evaluation by SNL are 18 comments with the majority concerning QA software requirements. The schedule for completion of these comments will slip due to pending resolution of the software requirements.

Review of the U.S. Environmental Protection Agency's QA Program is still in process.

QA staff is writing the procedure to define items and activities for the Exploratory Shaft Facility Q-List and Quality Activities List Task Force. This task is one of five QA Level Assignment Methodology Procedures under preparation to satisfy the requirements of NUREG 1318.

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QA staff met with Technical and Management Support Services members of the Integrated Data System Technical Review Team to discuss the proper role of QA in the Integrated Data System Technical Assessment Review, tentatively scheduled to begin on October 17, 1988. It was agreed that QA staff representatives would be observers and not reviewers. The Integrated Data System Title I Preliminary Design was previously reviewed informally by QA staff, and comment sheets were submitted for resolution. The primary role of QA observers will be to ensure that QMP-02-08 is being properly adhered to in the comments resolution process.

II. Significant Accomplishments/Information Items

Preliminary Data Reduction was performed on hydrologic and geophysical measurements at the Lawrence Livermore National Laboratory. Initial analyses show that the migration of moisture is preferential above the heater with little or no migration taking place below the package. Furthermore, the temperature distributions appear to have a tendency toward a slightly upward skewed distribution, perhaps in response to vapor transport along vertical fractures. If these trends continue, they may have important implications for moisture transport as it relates to the waste package.

A schedule for completion of the Main Pad and Access Road was submitted to the Project Office.

The trip to the Lucky Friday Mine, Sunshine Mine, and Homestake Mine has been rescheduled for the first week in October. Personnel will discuss the Communications Systems and Life Safety Systems in the mines with mine personnel.

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.			

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

Tuesday, October 11	Sample Overview Committee Meeting	Las Vegas, NV	U. Clanton, Project Office
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Wednesday - Thursday October 26-27	Technical Project Officers Meeting	Las Vegas, NV	J. Fiore, SAIC
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D. State and Public Interaction

Thursday, October 13	Project Manager, Presentation to Professional Women of Beatty, NV	Beatty, NV	V. Davis, Project Office
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Thursday, November 10	Nevada Nuclear Waste Study Committee's Las Vegas Forum on Nuclear Waste	Las Vegas, NV	V. Davis, Project Office
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E. U.S. Nuclear Regulatory Commission Interaction

None.

F. Other

None.



Carl P. Gertz, Project Manager
Yucca Mountain Project Office

YMP:SAC-3817