



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

Reply to:
1050 East Flamingo Road
Suite 319
Las Vegas, Nevada 89119
Tel: (702) 388-6125
FTS: 598-6125

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 3, 1988

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report
received in this office, i.e., for week ending October 28, 1988.

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

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PDR WASTE
WM-11 PDC

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Department of Energy

Nevada Operations Office
P. O. Box 98518
Las Vegas, NV 89193-8518

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 OCTOBER 28, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

Production of the Statutory SCP continued this week. The Concurrence Draft of the SCP was delivered to the U.S. Department of Energy/Headquarters (DOE/HQ) and is in HQ concurrence review. The SCP is due back from HQ on November 4, 1988.

Work continued this week on a Project Review Group request for a white paper on the geophysics integration activity in the SCP. The outline for the white paper is due November 15.

SCP Study Plan Coordination

Fifteen 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. One Study Plan is in project review prior to submittal for 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 (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.

The present status of Study Plans is as follows:

Quality Check	0
Project Review	2
Participant Revisions	4
Parallel PO &	
DOE/HQ Review	3
DOE/HQ Review Pending	1
DOE/HQ Approval Pending	3
NRC Review	2
Total	15

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Approximately 25 Study Plans are currently in preparation at the participant level.

B. Core Sample Management

The boreholes inventoried at the U.S. Geological Survey (USGS) Core Library currently consist of 99 boreholes; 79 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 3,576 boxes of core; 128 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, 83 percent (4,080 containers) have been inventoried and transferred to the SMF.

C. Quality Assurance (QA)

An audit will be conducted November 1-4, 1988, of Holmes & Narver's (H&N) QA program plan and quality related activities. The same type of audit will be conducted from November 7-10, 1988, at Fenix and Scisson, Inc.

The Yucca Mountain QA Plan (NWWSI/88-9) is being revised to eliminate the requirement for participant QA program implementing procedures to be reviewed and approved by the Yucca Mountain Project QA organization prior to issuance. A letter was prepared to all QA managers advising them of the revision and forwarded to the Project Office for signature and distribution.

QA staff prepared an outline of a proposed mechanism by which software, now in existence and not developed in accordance with the Life Cycle Approach, may satisfy the requirements of the QAP, NWWSI/88-9, Appendix H, Requirements for Computer Software Used to Support a High-level Waste Repository License Application.

The project has received official acceptance of the NWWSI QA Plan, NWWSI/88-9, Revision 1.

Lake Barrett, Director for QA, gave a presentation at the Technical Project Officers' meeting on October 27, 1988.

D. Exploratory Shaft Facility (ESF)

The ESF staff supported the Project Office in the NRC meeting held at HQ. This meeting covered the Point Papers and the major comments of the NRC.

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II. Significant Accomplishments/Information Items

Participants have been requested to provide qualified, designated reviewers and backups who will be responsible for reviewing the project-level quality-related procedures, quality management procedures, and branch technical procedures that must be in place for the fully qualified quality assurance (QA) program. Formal reviews may have to be achieved within a five-day time frame in order to meet the schedule. In addition, comment resolution will be expedited. These steps are necessary to ensure that reviews are conducted properly but expeditiously so the final product is adequate.

Lawrence Livermore National Laboratory delivered a letter report on the Spent Fuel Receipt Scenarios Study to the Project Office for transmittal to DOE/HQ. This study identifies two preferred fuel receipt scenarios and reports preliminary analyses of the effect of these receipts on "heat tailoring" the waste package environment by emplacement of fuel according to these schedules.

USGS prepared a written response to comments made by Robert Loux, State of Nevada, to the Validation Oversight and Integration Committee of the INTRAVAL Project concerning technical matters associated with INTRAVAL Test Case 12, the USGS/Project Office "dry versus wet" drilling and coring prototype test being conducted within the G-Tunnel facility at the Nevada Test Site.

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	Manager's Meeting at NV	Las Vegas, NV	V. Davis Project Office

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D. State and Public Interaction

Friday, October 28	Project Manager Presentation to University of Nevada College of Business and Economics	Las Vegas NV	V. Davis Project Office
Monday, November 7	Project Manager, Presentation to a Las Vegas Rotary Club	Las Vegas, NV	V. Davis Project Office
Thursday, November 10	Nevada Nuclear Waste Study Committee's Las Vegas Forum on Nuclear Waste	Las Vegas, 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

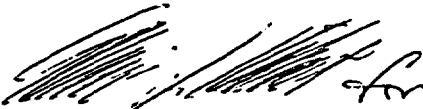
E. U.S. Nuclear Regulatory Commission Interaction

None.

F. Other

Sunday - Thursday, October 30 - November 3	Geological Society of America (Annual Meeting)	Denver, CO	R. Levich, C. Rehkop, Project Office
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Carl P. Gertz, Project Manager
Yucca Mountain Project Office