



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

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

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

DATE: December 28, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending December 22, 1989.

PTP:nan

cc: King Stablein w/enc., M/S 4-H-3
Harold R. Denton, w/enc., M/S 17-F-2
Dean Kunihiro, Region 5

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Department of Energy

Nevada Operations Office
P. O. Box 98518
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DEC 26 1989

WBS #1.2.9.1
QA: N/A

Lake Barrett, Acting Associate Director, Facilities Siting and Development,
HQ (RW-20) FORS

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING DECEMBER 22, 1989

I. Critical Item Status

A. Site Characterization Plan (SCP) Progress Reports

Planning continued on the guidance package to be sent to the contributors to the Semiannual Progress Report. The package should be complete in late February.

The Yucca Mountain Project six-month report's title has been changed from Biannual Status Report to "YMP Technical Status Report." The final revisions are currently being incorporated.

SCP Study Plan Status: December 15, 1989

The Yucca Mountain Project Office (Project Office) received a new initial draft Study Plan 8.3.1.8.2.1, "Study Plan for the Analysis of Waste Package Rupture Due to Tectonic Processes and Events," from the Technical and Management Support Services (T&MSS) contractor. The Project Office is initiating an acceptance (screening) review.

T&MSS is conducting a technical review of an Interim Revision Notice submitted as part of a review resolution for the approval draft for Study Plan 8.3.1.2.3.1.7, submitted by Los Alamos National Laboratory.

The Project Office continued its evaluation of a list of study plan deliverables for participants for fiscal year (FY) 1990. The list will highlight planned deliveries of all "ongoing" study plans to the U.S. Nuclear Regulatory Commission (NRC) at the end of FY 90. The Project Office plans to revise the study plan review process to speed up the process without losing the quality of reviews.

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STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	2
Revision.	0
Project Review.	0
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	1
HQ Review (Project Office Review	
complete)	9
Awaiting comment resolution	5
Post HQ Revision.	6
Project Office/HQ Audit	4
To HQ for NRC submission.	0
NRC Acceptance Review	6
Revision	0
NRC Start-Work Review	0
Revision	0
NRC Acceptance	2
Total	35

B. Core Sample Management

A report on prototype drilling activities in Utah and at Hoover Dam was transmitted to the Project Office.

Planning for the January 1990 NRC surveillance of activities at Apache Leap and at the Sample Management Facility (SMF) was initiated. Tentative plans are for the NRC to observe core taken in the field, follow it back to the SMF, and observe processing at the SMF.

A Project Prototype Geophysical Logging meeting was held in Las Vegas. In preparation for logging at the Apache Leap site, SMF staff addressed aspects of assisting with sampling development for log calibration samples.

C. Quality Assurance (QA)

A surveillance of the T&MSS QA organization's Standard Deficiency Report system application was conducted by U.S. Department of Energy/Headquarters (DOE/HQ) this week.

Input was provided for a new training program being developed on Administrative Procedure 16.7Q (Information and Items Important to Safety.)

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D. Exploratory Shaft Facility (ESF)

A draft network was prepared for ESF Alternatives Study. It is undergoing internal review prior to submittal to Project Office for approval. A work plan for the Alternative Study has also been drafted.

E. Long Range Planning and Project Planning and Control System

The evaluation of detail schedule requirements is in process.

F. Environmental Permitting

On December 14, 1989, a letter was sent to the Nevada State Engineer's office requesting that the State Engineer provide the project with the status of a formal request (made in April 1989) for permit waivers for pump tests. An appropriations permit is generally not required for pump tests.

G. Nuclear Waste Technical Review Board (NWTB) Meetings and Interactions

No significant interaction reported this week.

II. Significant Accomplishments/Information Items

A project briefing was given to members of the Nevada Legislature Committee on High-Level Radioactive Waste on December 19, 1989. The committee also participated in a tour of Yucca Mountain on that date.

Copies of the Secretary of Energy's 60-day report were sent to the individuals and organizations on the project mailing list.

Project staff gave brief formal presentations at the Bureau of Land Management (BLM) public meetings, which are conducted to receive input from the public. The December 18 Reno meeting had 98 registered attendees and 23 speakers. The December 19 Henderson meeting had 58 registered attendees and 12 speakers.

All five peer reviewers have been selected for review of the document prepared by Jerry Szymanski, entitled "Conceptual Considerations of the Yucca Mountain Groundwater System with Special Emphasis on the Adequacy of this System to Accommodate a High-Level Nuclear Waste Repository."

As part of the NRC's request for DOE/Yucca Mountain Project participant computer codes, the Pacific Northwest Laboratory (PNL) codes DACRIN and PABLM were prepared for transmittal to the State of Nevada. PNL previously transmitted these codes to the NRC.

III. Upcoming Events

Please note that the usage of "(P)" in the Upcoming Events calendar indicates that the event is open to the public.

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Participant</u>
A. <u>Coordinating Group Meetings</u>			
None.			
B. <u>HQ Meetings</u>			
Wednesday, January 17	Program Management meeting	Las Vegas, NV	C. Gertz, Project Office
Thursday, February 22	Program Management meeting	Washington, DC	C. Gertz, Project Office
C. <u>Internal Project and DOE/Nevada Operation Office meetings</u>			
None.			
D. <u>State and Public Interactions</u>			
None.			
E. <u>Yucca Mountain Project Tabletop Exhibit Showings (P)</u>			
None.			
F. <u>NRC Interactions</u>			
Tuesday, January 9	Technical exchange on Data Management	Rockville, MD	R. Barton, Project Office
Tuesday, January 9	Data Management	Rockville, MD	C. Newbury, Project Office
Tuesday- Wednesday, February 6-7	Calcite-Silica Veins Deposit	Rockville, MD	J. Dyer, Project Office

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Tuesday-
Wednesday,
March 6-7

ESF Geophysical
Anomaly TAR

Rockville,
MD

D. Dobson,
Project
Office

G. Other

Thursday,
January 18

NWTRB Waste Package
and Corrosion Panel

Livermore,
CA

M. Cloninger,
Project
Office

Thursday-Friday,
January 18-19

Containers and
Transportation
Panel

Livermore,
CA

M. Cloninger,
Project
Office



Carl P. Gertz, Project Manager
Yucca Mountain Project Office

YMP:DLH-1336