



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: February 8, 1990

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending February 2, 1990. There are no items of any particular significance.

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

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WBS #1.2.9.1

QA: N/A

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING FEBRUARY 2, 1990

I. Critical Item Status

A. Site Characterization Plan (SCP) Progress Reports

The first Yucca Mountain Project Technical Status Report (TSR) is expected to be delivered from the printer in early February 1990. Distribution of the TSR will take place immediately following delivery.

Development of the guidance package to aid project participants in their preparations for the next TSR continued. The guidance package will be distributed in February 1990.

A draft administrative procedure that outlines guidance for participant input to the semi-annual progress report on the site characterization program is being revised for project approval.

SCP Comments

Comment response packages for environmental, transportation, socioeconomic, and institutional responses are being prepared for Office of Civilian Radioactive Waste Management review. Draft responses are still undergoing technical editing and consistency checks as they are received from the group to which they were assigned.

Administrative Procedure 1.14 that governs comment response is in the final stages of revision and approval.

The SCP-Consultation Draft comment response commitment list was completed.

SCP Study Plan Status: February 2, 1990

The Yucca Mountain Project Office (Project Office) has received comments from all Project Office reviewers for Study Plan 8.3.1.17.4.1, "Historical and Current Seismicity." These comments will be forwarded to the Principal Investigator for action.

The Project Office has received verification of comments from all Project Office reviewers of Study Plan 8.3.1.8.5.1, "Characterization of Volcanic Features."

The Comment Resolution meeting for Study Plans 8.3.1.3.4.1, "Batch Sorption Studies," and 8.3.1.3.4.3, "Development of Sorption Models," has been set for February 13, 1990, in Washington, D.C.

Screening reviews were completed for Study Plans 8.3.1.8.2.1, "Analysis of Waste Package Rupture Due to Tectonic Processes and Events," and 8.3.1.9.2.2, "Water Resource Assessment of Yucca Mountain, Nevada."

STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	1
Revision.	0
Project Review.	2
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	0
HQ Review (Project Office Review	
complete)	10
Awaiting comment resolution	5
Post HQ Revision.	5
Project Office/HQ Audit	5
NRC Acceptance Review	6
Revision	0
NRC Start-Work Review	0
Revision	0
NRC Acceptance	2
Total	36

B. Core Sample Management

Tours of the Sample Management Facility were given to a representative from the U.S. Geological Survey (USGS), Los Alamos National Laboratory (LANL), and the Swedish Nuclear Waste Program.

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Arrangements were made with a Sandia National Laboratories (SNL) consultant to resume core layout of USW G-1.

C. Quality Assurance (QA)

Project surveillance, YMP-SR-90-017, of the USGS was completed on January 25, 1990. The purpose of the surveillance was to determine the adequacy of their implementation of specific procedures and to obtain resolution of standard deficiency report (SDR) 418. As a result, two SDRs and several observations were identified. The surveillance also resulted in the resolution of SDR 418, which requires an amended response from the USGS.

Surveillance report YMP-SR-90-016 resulting from the project surveillance of SNL software development, use, and protection was transmitted to the Project Office on January 16, 1990. The surveillance resulted in no SDRs and one Observation. During the course of the surveillance, it was determined that SNL's management directive to curtail all Level I and II activities had been effectively implemented and would continue until an approved Software Quality Assurance Plan was in place. It was also determined that software protection was adequate.

D. Exploratory Shaft Facility (ESF)

Project ESF staff provided support at the Nuclear Waste Technical Review Board (NWTREB) meeting on the Exploratory Shaft Alternatives Study on January 31, 1990.

E. Long Range Planning and Project Planning and Control System (PACS)

The PACS Scheduling System Overview and the PACS Scheduling System Functional Description were completed and submitted for Project Office review.

The work scope definition for the PACS Phase II Reporting and Analysis was initiated.

F. Environmental Permitting

A lawsuit against the State of Nevada was filed by the Justice Department on behalf of the U.S. Department of Energy/Headquarters (DOE/HQ) on January 25, 1990. The lawsuit is attempting to require the state to issue environmental permits applied for by the DOE.

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G. NWTRB Meetings and Interactions

Project staff attended the NWTRB ESF Alternatives Study meeting and Prioritization of the Surface-Based Testing Program meeting held in Denver, Colorado, on January 31 and February 1, 1990. Introductory remarks at both meetings were given by representatives from the DOE/HQ. The SNL Technical Project Officer (TPO) gave presentations on the ESF shaft construction schedule, decision methodology, and optional construction methods. Principal investigators and a consultant from a private firm gave presentations on the background, status, and decision analysis methodology of the prioritization task.

II. Significant Accomplishments/Information Items

Project institutional staff continued developing exhibits and made arrangements for the opening of the Clark County Yucca Mountain Information Office in Las Vegas, Nevada, on February 17, 1990.

The monthly project budget planning meeting with the TPO's was held on February 1, 1990, in Las Vegas, Nevada. The next meeting is scheduled for March 8, 1990.

The monthly TPO meeting was held on February 2, 1990, in Las Vegas. The meeting included presentations on the QA organization and the ESF Alternatives Study. A representative from LANL gave a presentation on radionuclide retardation, computer modeling, and sensitivity analysis. The presentation included a color video of the computer model simulation. This study is an integrated task involving LANL, SNL, and USGS activities. The meeting was attended by representatives of the U.S. Nuclear Regulatory Commission (NRC) and the State of Nevada. The next TPO meeting is scheduled for March 9.

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.

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B. HQ Meetings

Thursday, February 22	Program Management meeting	Washington, DC	C. Gertz, Project Office
Wednesday, March 14	Program Management meeting	Las Vegas, NV	C. Gertz, Project Office
Thursday, March 15	Project Review meeting	Las Vegas, NV	C. Gertz, Project Office
Thursday, April 26	Program Management meeting	Washington, DC	C. Gertz, Project Office

C. Internal Project and DOE/Nevada Operations Office meetings

Thursday, March 8	Monthly Budget Planning meeting	Las Vegas, NV	C. Gertz, Project Office
Friday, March 9	TPO meeting	Las Vegas, NV	C. Gertz, Project Office

D. State and Public Interactions

Wednesday, February 14	Boulder City Gem Club (P)	Boulder City, NV	T. Bjerstedt, Project Office
Thursday, February 15	American Society for Public Administra- tion (P)	Las Vegas, NV	C. Gertz, Project Office
Saturday, February 17	Opening of Clark County Yucca Mountain Information Office (P)	Las Vegas, NV	A. Robison, Project Office
Monday- Thursday, February 26- March 1	Waste Management '90 (P)	Tucson, AZ	C. Gertz, Project Office

D. State and Public Interactions (continued)

Wednesday, March 14	American Institute of Hydrology Annual Meeting (P)	Las Vegas, NV	C. Gertz, Project Office
Wednesday, March 21	Rochester Museum and Science Center Distinguished Scholars Lecture Series (P)	Rochester, NY	C. Gertz, Project Office
Friday, March 23	Dept. of Nuclear Engineering, Univ. of Michigan	Ann Arbor, MI	C. Gertz, Project Office
Thursday, March 29	Public Update Meeting (P)	Fallon, NV	A. C. Robison, Project Office
Monday, April 2	Public Update Meeting (P)	Tonopah, NV	A. C. Robison, Project Office
Tuesday, April 3	Public Update Meeting (P)	N. Las Vegas, NV	A. C. Robison, Project Office
Wednesday, April 25	Presentation to Info '90 sponsored by the Council for Energy Awareness (P)	Dallas, TX	C. Gertz, Project Office
Tuesday- Friday, June 12-15	International Sympo- sium on Unique Under- ground Structures (P)	Golden, CO	C. Gertz, Project Office

E. Yucca Mountain Project Tabletop Exhibit Showings (P)

No tabletop exhibit showings are scheduled.

F. NRC Interactions

Tuesday- Wednesday, February 6-7	Technical Exchange (TE) on Calcite- Silica Veins Deposit	Las Vegas, NV	J. Dyer, Project Office
Thursday, February 15	QA Meeting	Rockville, MD	D. Horton, Project Office

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F. NRC Interactions (continued)

Tuesday-
Wednesday,
March 6-7

TE on ESF Geophysical
Anomaly TAR

Rockville,
MD

D. Dobson,
Project
Office

G. Other

None.



Carl P. Gertz, Project Manager
Yucca Mountain Project Office

YMP:DLH-1829