



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

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

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

DATE: February 2, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending January 27, 1989.

PTP:nan

Enclosure

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

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Department of Energy

Nevada Operations Office

P. O. Box 98518

Las Vegas, NV 89193-8518

JAN 31 1989

WBS 1.2.9.1.1

"QA: NA"

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING JANUARY 27, 1989

I. Critical Items Status

A. Site Characterization Plan (SCP)

Work continued on completing the shipment of SCP References to the U.S. Nuclear Regulatory Commission (NRC), the State of Nevada, the U.S. Department of Energy/Headquarters (DOE/HQ), and the DOE/Nevada Operations Office (NV).

The citation verification check of the SCP was completed this week. Preparation of an errata sheet correcting citations in the text and the reference lists was initiated. Present plans are to provide all outstanding references to the NRC, the State of Nevada, the DOE/HQ, and the DOE/NV by January 27, 1989. The errata sheet is scheduled to be delivered to the DOE/HQ at the same time.

Work continued on preparation of a summary of DOE responses to comments made by the State of Nevada, Edison Electric Institute and the U.S. Geological Survey (USGS)/Reston. Present plans are to complete a draft summary of Nevada comments by February 10, 1989.

SCP Study Plan Status: January 27, 1989

The fifth Exploratory Shaft Facility (ESF) construction phase related Study Plan is still awaiting resolution of the quality assurance level assignment appendix. A joint HQ/Yucca Mountain Project Office (Project Office) comment resolution meeting on the Midway Valley Trenching Study was held last week in Albuquerque, New Mexico. A joint HQ/Project Office comment resolution meeting for Study Plan 8.3.1.2.2.3, "Characterization of Yucca Mountain Unsaturated-Zone Percolation - Surface-based Studies," will be held in Denver from January 30, 1989, to February 3, 1989.

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STUDY PLAN BREAKDOWN

Project Office (PO) Acceptance Review	2
Project Review.	3
Post-PO Revision.	1
Parallel PO/HQ Review	5
HQ Review (PO Review complete).	2
Post HQ Revision.	5
PO/HQ Audit	1
To HQ for NRC submission.	4
NRC Acceptance Review	0
Revision.	0
NRC Start-work Review	0
Revision	0
NRC Acceptance	0
Total	23

B. Core Sample Management

The transfer of records from the USGS to the Sample Management Facility is ongoing and scheduled for completion by February 3, 1989.

C. Quality Assurance

The Project Office issued a letter approving Sandia National Laboratories (SNL) Quality Assurance Program Plan (QAPP), Revision B, for its compliance with the requirements of NWWSI/88-9, Revisions 0 and 1.

The Los Alamos National Laboratory (Los Alamos) QAPP, Revision 4.1, and Compliance Review Matrix was received on January 18, 1989. A review of the matrix against the QAPP is scheduled for completion by January 26, 1989. A comment resolution meeting has been tentatively scheduled for January 27, 1989, if needed.

The SNL QAPP, Revision C, Draft, was reviewed against changes made in NWWSI/88-9, Revision 2. Comments initiated are in the process of being informally resolved with SNL. However, the completed Requirements Matrix and Procedures Matrix have not been received to date.

D. Exploratory Shaft Facility (ESF)

The participant's change requests for the Subsystem Design Requirements Document (SDRD) have been incorporated. A meeting was held this week to perform a Quality Management Procedure-06-03 review of the document.

Stephen H. Kale

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Work is continuing on the implementation of Administrative Procedures (AP) 6.8Q, AP 6.9Q, AP 6.10Q, and AP 6.11Q. These APs identify the process of developing the initial items and activities list, and determining items important to safety, waste isolation, and the quality activities list.

All participant change requests on the SDRD Benchmark 1 and Benchmark 2 have been received and incorporated.

E. Long Range Planning (LRP)

Draft guidance for fiscal year 91 Work Authorization System (WAS) development, tying the WAS process to the LRP process, was prepared. A WAS kickoff meeting has been scheduled to review and revise the guidance at a later date.

A LRP Management Overview Team meeting has been scheduled to review and revise the Work Breakdown Structure Dictionary in preparation for its submittal to the Project Office.

II. Significant Accomplishments/Information Items

The Office of Institutional and External Affairs made arrangements for a Weston representative to visit the Technical and Management Support Services facility. The purpose of this visit will be to examine project viewgraphs and other visual materials for possible inclusion in a central database at the Office of Civilian Radioactive Waste Management Headquarters.

Los Alamos submitted the report entitled, "Progress Report: Photoacoustic Spectroscopy Methodology," to the Project Office for policy review. This document fulfills Milestone P379.

Bethesda, Maryland, was the site of an NRC/DOE presentation to the Advisory Committee on Nuclear Waste on the High-Level Waste Program on January 23-24, 1989.

Lawrence Livermore National Laboratory reports that data collection for the exploratory shaft-prototype testing task has begun at G-Tunnel, now that the heater is operational.

The USGS open-file report entitled, "Fractures in Outcrops in the Vicinity of Drill Hole USW G-4, Yucca Mountain, Nevada, Data Analysis and Compilation," was approved by the DOE.

D. Muhs and C. Bush, USGS, completed revisions to a manuscript on the use of immobile element ratios in soils in order to identify Eolian components. A similar plan was been proposed for soils in the Yucca Mountain area, but has not been tested extensively. The manuscript was submitted to Quaternary Research for publication.

J. Czarnecki, USGS, forwarded the report entitled, "Site Characterization and Conceptual Models of the Subregional Ground-Water Flow System, Yucca Mountain and Vicinity, Nevada-California," to the manuscript preparation unit for editing and colleague review. Deadline for submittal to the Waste Management '89 organizers is January 31, 1989. Preliminary illustration drafting was assigned to Science Applications International Corporation to avoid processing and completion delays.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>A. Coordinating Group Meetings</u>			
Thursday-Friday, February 2-3	SCP Dry-Run meeting	Las Vegas, NV	V. Davis Project Office
<u>B. HQ Meetings</u>			
Wednesday, February 1	Senior Management Review meeting	Las Vegas, NV	V. Davis Project Office
Thursday, February 9	Project Manager's Meeting	Washington, D.C.	V. Davis Project Office
Monday-Tuesday, March 27-28	Project Manager conducts Organizational Effectiveness Program meeting	Las Vegas, NV	V. Davis Project Office
<u>C. Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Monday-Tuesday, January 30-31	Project Office/Technical Project Officer's meeting	Las Vegas, NV	V. Davis Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>D. State and Public Interaction</u>			
Saturday, January 28	Project Manager participates in local television interview show with Nevada Rep- resentatives	Las Vegas, NV	V. Davis Project Office
Monday, February 13	Project Manager gives interview on KOLO TV News	Reno, NV	V. Davis Project Office
Tuesday, February 14	Project Manager gives presentation to Nevada Legislative Committee on High Level Repository Waste	Carson City, NV	V. Davis Project Office
Wednesday, February 15	Beatty public update meeting	Beatty, NV	V. Davis Project Office
Thursday, February 16	Las Vegas public update meeting	Las Vegas, NV	V. Davis Project Office
Sunday, February 19	Project Manager interview on KOLO TV News is scheduled to air	Reno, NV	V. Davis Project Office
Tuesday, February 21	Caliente public update meeting	Caliente, NV	V. Davis Project Office
Thursday, February 23	Reno public update meeting	Reno, NV	V. Davis Project Office
Monday- Friday, February 27- March 3	Project Manager gives presentation at the Waste Manage- ment '89 meeting	Tuscon, AZ	V. Davis Project Office

E. U.S. Nuclear Regulatory Commission Interaction

None.

F. Other

None.

YMP:SAC-1756



Carl P. Gertz, Project Manager
Yucca Mountain Project Office