



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: May 2, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending April 21, 1989.

PTP:nan

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



## Department of Energy

Nevada Operations Office

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APR 27 1989

WBS #1.2.9.1.1

"QA: N/A"

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING APRIL 21, 1989

### I. Critical Items Status

#### A. Site Characterization Plan (SCP)

Preparation and preliminary review of Yucca Mountain Project Office (Project Office) input for the first Semiannual Progress Report (SPR) on the Site Characterization Program is continuing. A follow-up hardcopy of Chapter 2, "Status of Site Programs," was submitted to the U.S. Department of Energy/Headquarters (DOE/HQ) this week. Input to Chapter 3, "Scheduling," is pending due to last minute changes in the site program. Input to Chapter 4, "References Cited" and "Annotated Bibliography," is still under development.

#### SCP Study Plan Status: April 21, 1989

Submittal of the Midway Valley Trenching Study Plan, 8.3.1.17.4.2, "Evaluating the Location and Recency of Faulting Near Prospective Surface Facilities," continues to depend on approval, implementation, and incorporation of the new graded quality assurance (QA) provisions.

The joint DOE/HQ and Project Office Comment Resolution meeting on Study Plan 8.3.1.17.4.6, "Quaternary Faulting Within the Site Area," was held on April 12-13, in Washington, D.C. As a result, DOE/HQ comments were resolved. Project comment disposition will be completed soon.

The DOE/HQ QA staff conducted a surveillance of Project Office records for Study Plans 8.3.1.3.2.1, 8.3.1.5.2.1, 8.3.1.15.1.3, and 8.3.1.17.4.2. These study plans are in the process of being reviewed and revised. Strategy and methods to upgrade the review process to the standards set forth in Administrative Procedure (AP)-1.10Q were evaluated.

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## STUDY PLAN BREAKDOWN

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Project Office Acceptance Review. . .	0
Revision. . . . .	1
Project Review. . . . .	2
Post-PO Revision. . . . .	0
Parallel PO/HQ Review . . . . .	11
HQ Review (PO Review complete). . . .	2
Post HQ Revision. . . . .	1
PO/HQ Audit . . . . .	6
To HQ for NRC submission. . . . .	0
NRC Acceptance Review . . . . .	5
Revision . . . . .	0
NRC Start-work Review . . . . .	0
Revision . . . . .	0
NRC Acceptance . . . . .	0
Total . . . . .	28

B. Core Sample Management

A tour of the Sample Management Facility (SMF) was given to representatives of the congressional office of Technical Assessment. The long-awaited visit by a representative from the U.S. Nuclear Regulatory Commission (NRC), Washington, D.C., took place this week. The visit included an extensive tour of the SMF and conversations with staff to verify that NRC concerns and requirements are being addressed in the development and operation of the facility.

C. Quality Assurance

The audit of Fenix & Scisson was completed this week. Audit findings will not have an impact on the start of Title II Exploratory Shaft Facility (ESF) design activities. The audit report for F&S Audit 89-1 is being prepared; the Subsystem Design Requirements will be distributed prior to issuance of the report.

Preparations are being made for upcoming surveillances of Los Alamos National Laboratory, Sandia National Laboratories (SNL), Lawrence Livermore National Laboratory, and Reynolds Electrical and Engineering Company, scheduled to take place on April 17-18, April 18-20, June 5, and June 26, 1989, respectively. The SNL surveillance will address the flow of data to the Reference Information Base and to the Subsystem Design Requirement Document (SDRD). The surveillance team will be lead by the Deputy Project Manager, Ed Wilmot. The Los Alamos surveillance will verify their implementation of corrective actions necessary to close-out deficiencies identified in the NRC Mini-Audit.

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QA staff continued to monitor, verify, and contribute to the completion of prerequisites for the start of ESF Title II Design activities.

QA contacted those reviewers of AP-4.1Q, "Procurement," who were not in attendance at the March 30-31 comment resolution meeting. Some participants have voiced concerns about the resolutions due to potential conflicts with their current procurement policies. Another meeting may be held to resolve the issues.

D. Exploratory Shaft Facility

Progress continues on the comment resolution process for the ESF SDRD. All of the preliminary resolutions have been completed and a resolution validation copy of the document is under development.

E. Long Range Planning (LRP)

The project is pursuing development of an alternate case Work Authorization System (WAS). An April 19, 1989 meeting with project participants was held to formulate plans for fully developing the alternate case for a DOE/HQ presentation on April 28, 1989. LRP efforts have been slowed until completion of the WAS.

II. Significant Accomplishments/Information Items

Members of the institutional staff attended the Info '89 Conference, in New Orleans, Louisiana, on April 17-19. Staff also continued to work with the DOE/Nevada Operations Office of External Affairs to set up a tour of the Waste Isolation Pilot Plant (WIPP) facility for Lincoln County representatives.

T&MSS ESF staff accompanied Project Office staff members on a tour of the Billie Mine, near Death Valley, California. The tour focused on ground support and the use of hoists over 60 years old.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
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A. Coordinating Group Meetings

None.

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>B. HQ Meetings</u>			
Friday, April 28	Budget meeting	Washington, D.C.	V. Davis, Project Office
Thursday, May 11	Project Manager Meeting	Las Vegas, NV	V. Davis, Project Office
Sunday-Friday, June 11-16	PATRAM '89 meeting	Washington, D.C.	V. Davis, Project Office
<u>C. Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Tuesday, May 2	Organizational Effectiveness meeting	Las Vegas, NV	V. Davis, Project Office
Monday-Tuesday, June 26-27	Nuclear Waste Technical Review Board (NWTRB) meeting	Las Vegas, NV	V. Davis, Project Office
Wednesday, June 28	NWTRB Tour of the Nevada Test Site	Mercury, NV	V. Davis, Project Office
<u>D. State and Public Interaction</u>			
Wednesday, April 26	Project Manager gives presentation to the Nuclear Data Users Group	Chicago, IL	V. Davis, Project Office
Tuesday, May 2	Project Manager gives presentation to American MENSA, Ltd.	Las Vegas NV	V. Davis, Project Office
Wednesday-Friday, May 3-5	Project Manager gives presentation to the League of Women Voters	Albuquerque, NM	V. Davis, Project Office
Wednesday, May 24	Project Manager gives presentation to the Nevada Association of Fleet Managers	Las Vegas, NV	V. Davis, Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<b>D. <u>State and Public Interactions (continued)</u></b>			
Thursday-Friday, June 1-2	WIPP Tour	Carlsbad, NM	V. Davis, Project Office
Monday-Wednesday, June 5-7	Project Manager participates in American Nuclear Society (ANS) meeting	Atlanta, GA	V. Davis, Project Office
Wednesday- Thursday, June 14-15	Project Manager gives presentation at the Competition Advocates Working meeting	Colorado Spgs, CO	V. Davis, Project Office
Sunday-Wednesday, July 9-12	Project Manager gives presentation to the Institute of Nuclear Materials Management	Orlando, FL	V. Davis, Project Office

**E. U.S. Nuclear Regulatory Commission Interaction**

None.

**F. Other**

None.

YMP:DLH-3428



Carl P. Gertz, Project Manager  
Yucca Mountain Project Office