



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: April 19, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending April 14, 1989.

PTP:nan

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

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APR 17 1989

WBS #1.2.9.1.1

"QA: N/A"

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING APRIL 14, 1989

I. Critical Items Status

A. Site Characterization Plan (SCP)

Work continued on preparation of a summary of U.S. Department of Energy (DOE) responses to comments made on the Consultation Draft of the SCP by the State of Nevada, Edison Electric Institute, and the U.S. Geological Survey (USGS)/Reston. Work also continued on the draft comment response document that will address comments made by the USGS/Reston.

Planning continued to develop a system that will track and respond to additional comments made on the SCP by the general public during the SCP hearings and written comments submitted to the Yucca Mountain Project Office (Project Office).

Preparation and preliminary review of Project Office input for the first Semiannual Progress Report (SPR) on the Site Characterization Program is continuing. The input will subsequently be transmitted to DOE/Headquarters (HQ) for inclusion in the draft report prepared by Weston.

SCP Study Plan Status: April 14, 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.

Stephen H. Kale

-2-

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. Study Plan 8.3.1.16.1.1, "Characterization of Flood Potential and Debris Hazards of the Yucca Mountain Site," was received last week and is in a Project Office screening review.

STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	2
Revision.	1
Project Review.	2
Post-PO Revision.	0
Parallel PO/HQ Review	8
HQ Review (PO Review complete). . . .	2
Post HQ Revision.	1
PO/HQ Audit	6
To HQ for NRC submission.	0
U.S. Nuclear Regulatory Commission (NRC)	
Acceptance Review	5
Revision	0
NRC Start-work Review	0
Revision	0
NRC Acceptance	0
Total	27

B. Core Sample Management

Tours of the Sample Management Facility were given to representatives of DOE/HQ and the DOE/West Valley Office.

C. Quality Assurance (QA)

The QA Department is continuing its active participation in the development of Administrative Procedure (AP) 4.1Q, "Procurement." During the past week, comment resolutions were incorporated into the text and flow diagram. The draft will be sent to the reviewers for verification followed by transmittal to the Project Office. The comment resolution of AP-6.3Q, "Use of the Sample Management Facility by Yucca Mountain Project Participants," was completed this week.

Staff continued to monitor, verify, and contribute to the completion of prerequisites for the start of the Exploratory Shaft Facility (ESF) Title II Design activities. Highlights this week included reviewing responses to Los Alamos National Laboratory (Los Alamos) surveillances for impact on training and the start of the Title II Design.

Stephen H. Kale

-3-

QA is preparing the checklists and making final arrangements for the surveillance of Sandia National Laboratories (SNL). This surveillance will address those activities (i.e., notification, qualification, and training of personnel responsible for procedures) related to the identification of items and activities important to safety, waste isolation, and quality level assignments. The surveillance will also verify SNL's readiness to assume responsibility for the review and verification of information, requirements, and activities related to the ESF Title II Design.

Preparations are being made for upcoming audits of the USGS and Holmes & Narver (H&N), scheduled to take place on May 15, 1989, and April 24, 1989, respectively. Meetings were held with the QA Audits Division and the USGS to discuss and confirm the scope of the audit. A notification letter has been issued to H&N advising them that a team from the Project Office will conduct an audit of their QA Program Plan and QA related activities on the specified date.

QA staff continued to review Los Alamos' Software Quality Assurance Plan (QAP) for compliance with NNWSI/88-9, Sections III.3.1.1 and III.3.1.9. Reviews of the Fenix & Scisson software QAP and documentation for the SNL Upper Tier QA Level Assignments and Quality Activity List Assignment were completed this week.

Personnel from the QA Audits Division met with Pacific Northwest Laboratory to evaluate the Technical Specialist Auditing Course held last week. The course was geared for technical staff participating in QA audits for the Project Office and was deemed a success.

D. Exploratory Shaft Facility

A date for the start of shaft sinking is being developed, per revisions, for transmittal to DOE/HQ.

Progress continues on the comment resolution process for the ESF Subsystem Design Requirement Document. 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 fiscal year (FY) 1991 Work Authorization System (WAS) package was completed and hand-carried to the Office of Civilian Radioactive Waste Management in Washington, D.C. The Project Office also prepared an alternate budget case with an FY 1990 budget ceiling of \$300 million. This alternate case was submitted along with the WAS package.

Stephen H. Kale

-4-

The schedule for LRP was revised to reflect delays caused by the WAS development. The Work Breakdown Structure (WBS) Dictionary is scheduled for delivery to the Project Change Control Board in the near future. The total network integration and resource loading will be initiated at an LRP Management Overview Team meeting.

II. Significant Accomplishments/Information Items

Technical and Management Support Services (T&MSS) staffed the project table-top exhibit at the Clark County Fair, April 13-16, 1989, in Logandale, Nevada, and participated in the DOE/Nevada Operations Office (NV) "Science Now Day" on April 13.

T&MSS staff coordinated logistical arrangements and prepared presentation materials for the National Technical Review Board meeting held on April 11-12, 1989, in Las Vegas.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>A. Coordinating Group Meetings</u>			
None.			
<u>B. HQ Meetings</u>			
Tuesday, April 18	Project Manager meeting	Washington, D.C.	V. Davis, Project Office
Friday, April 28	Budget meeting	Washington, D.C.	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>			
Wednesday, April 26	Manager's Program Review	Las Vegas, NV	V. Davis, Project Office
Tuesday, May 2	Organizational Effectiveness meeting	Las Vegas, NV	V. Davis, Project Office

APR 17 1989

Stephen H. Kale

-5-

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u> (continued)			
Monday-Tuesday, June 26-27	Nuclear Waste Technical Review Board (NWTREB) meeting	Las Vegas, NV	V. Davis, Project Office
Wednesday, June 28	NWTREB Tour of the Nevada Test Site	Mercury, NV	V. Davis, Project Office
D. <u>State and Public Interaction</u>			
Wednesday, April 26	Project Manager gives presentation to the Nuclear Data Users Group	Chicago, IL	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
Tuesday, May 16	Project Staff will give site presenta- tion to Explorer's Club of Southern California	Pasadena, CA	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 Springs, 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

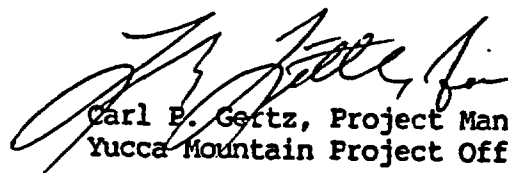
APR 17 1989

Stephen H. Kale

-6-

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
	<u>E. U.S. Nuclear Regulatory Commission Interaction</u>		
None.			
	<u>F. Other</u>		
None.			

YMP:DLH-3318


Carl E. Gertz, Project Manager
Yucca Mountain Project Office