



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: January 26, 1989

SUBJECT: DOE WEEKLY REPORTS

Please find enclosed the above-referenced reports received in this office, i.e., for weeks ending January 23, and January 20, 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

WBS 1.2.9.1.1

"QA: NA"

JAN 24 1989

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING JANUARY 13, 1989

I. Critical Items Status

A. Site Characterization Plan (SCP)

No significant SCP activity was reported this week.

SCP Study Plan Status: January 13, 1989

There has been little change in Study Plan status since last week. Three of the five Exploratory Shaft Facility (ESF) construction phase Study Plans were submitted to the U.S. Department of Energy/Headquarters (DOE/HQ) for final concurrence prior to controlled distribution. The remaining two Study Plans are scheduled to be submitted by the end of the week. Upon DOE/HQ approval, Copy 1 of each controlled set will be forwarded to Ralph Stein, DOE/HQ, for formal transmission to the U.S Nuclear Regulatory Commission (NRC). No other distribution will occur until approval is received from him.

STUDY PLAN BREAKDOWN

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

B. Core Sample Management

To date, 99 percent (4,801 containers) of the core tallied in the U.S. Geological Survey (USGS)-to-Sample Management Facility (SMF) sample transfer has been inventoried and transferred to the SMF.

C. Quality Assurance (QA)

An impact review of the revised NRC Standard Review Plan versus the requirements of the NRC-approved Yucca Mountain QA Plan (NNWSI/88-9) has been completed. The review indicates that although the QA Plan is in compliance, a variety of changes are needed to ensure verbatim compliance with the language of the revised NRC Review Plan and to incorporate additional requirements.

A review of procurement requirements covered in Sections IV and VII of the QA Program Plans (QAPPs) for Reynolds Electrical and Engineering Company, Inc. (REECO), Holmes & Narver (H&N), and Fenix and Scisson (F&S) was completed. A report was prepared that highlights REECO, H&N, and F&S procurement requirements and applicable implementing procedures. This report also points out differences in the current procurement procedures which need to be resolved by the Project Office.

D. Exploratory Shaft Facility (ESF)

The ESF Management Plan was issued for formal review.

E. Long Range Planning (LRP)

The DOE/HQ schedule briefing and workshop was held on January 10-12, 1989. The workshop consisted of presentations by the Project Office on the process and results of LRP activities to date. A Master Summary Schedule was presented which revealed a critical path and several potential critical paths to License Application; however, the Project Office and DOE/HQ were able to identify methods that would reduce the schedule risks.

II. Significant Accomplishments/Information Items

On January 11, Carl P. Gertz, Project Manager, gave a presentation at the Spent Fuel Management Seminar IV.

Peter Sinton, USGS, drafted an abstract entitled "Characterization of the Large Hydraulic Gradient Beneath the North End of Yucca Mountain, Nevada," for the upcoming American Geophysical Union spring meeting special session on "Large Hydraulic Gradients in the Saturated Zone."

John Czarnecki, USGS, drafted a companion abstract entitled "Preliminary Simulations Related to a Large Horizontal Hydraulic Gradient at Yucca Mountain, Nevada." Both abstracts were submitted for colleague and editorial review.

USGS reviewed an edited version of the report on the three-dimensional finite-difference ground water flow model of Yucca Mountain and vicinity. The milestone for this report was moved to February 1, 1989, resulting from unanticipated backlogs in report processing.

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>			
Thursday, February 9	Project Manager's Meeting	Washington, D.C.	V. Davis Project Office
<u>C. Internal Project and DOE/Nevada Operations Office Meetings</u>			
Thursday, January 19	Project Manager give State of the Project briefing to USGS employees	Golden, CO	V. Davis Project Office
Monday- Tuesday January 30-31	Project Office/ Technical Project Officer's meeting	Las Vegas, NV	V. Davis Project Office
<u>D. State and Public Interaction</u>			
Wednesday, January 25	Project Manager gives presentation to the Students United for Political Action	Las Vegas, NV	V. Davis Project Office
Thursday, January 26	Project Manager gives presentation to Las Vegas Rotary Club	Las Vegas, NV	V. Davis Project Office

Stephen H. Kale

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
D. <u>State and Public Interaction (continued)</u>			
Saturday, January 28	Project Manager participates in local television interview show with Nevada Rep- resentatives	Las Vegas, 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>U.S. Nuclear Regulatory Commission Interaction</u>			
Monday- Tuesday January 23-24	NRC/DOE presentation to the 23 Advisory Committee on Nuclear Waste on the HLW Program	Bethesda, MD	A. Jennetta SAIC

F. Other

None.

YMP:WRD-1516



Carl P. Gertz, Project Manager
Yucca Mountain Project Office



Department of Energy

Nevada Operations Office

P. O. Box 98518

Las Vegas, NV 89193-8518

JAN 24 1989

WBS #1.2.9.1.1
"QA: NA"

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING JANUARY 20, 1989

I. Critical Items Status

A. Site Characterization Plan (SCP)

Volume 9 of the SCP Index was delivered to the printers this week.

SCP Study Plan Status: January 20, 1989

Controlled copies (1 and 2) of four of the five Exploratory Shaft Facility (ESF) construction phase related Study Plans have been forwarded to the U.S. Department of Energy/Headquarters (DOE/HQ) for submission to the U.S. Nuclear Regulatory Commission (NRC). The fifth Study Plan is awaiting resolution of the Quality Assurance Level Assignment appendix.

STUDY PLAN BREAKDOWN

Project Office (PO) Acceptance Review	4
Project Office Review	3
Post-PO Revision	1
Parallel PO/HQ Review	4
HQ Review (PO Review complete)	2
Post-HQ Revision	4
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

JAN 24 1989

B. Core Sample Management

The U.S. Geological Survey (USGS)-to-Sample Management Facility (SMF) sample transfer was completed this week. The transfer of records is ongoing and is scheduled for completion by February 3, 1989.

A tour of the SMF was conducted for NBC news.

C. Quality Assurance (QA)

Comments were resolved concerning the compliance of Sandia National Laboratories (SNL) Quality Assurance Program Plan (QAPP), Revision B, fourth and fifth submittals, with the requirements of NNWSI/88-9, Revisions 0 and 1. A letter was prepared and transmitted to the Yucca Mountain Project Office (Project Office) for signature.

The SNL QAPP, Revision C, Draft, was received on January 16, 1989, to verify compliance with NNWSI/88-9, Revision 2. A partial compliance review matrix was received depicting the changes identified in Revision 2. SNL has made a commitment to transmit the completed compliance and procedures matrices by January 31, 1989.

Fenix & Scisson QAPP-002, Revision 6, Draft, was reviewed for compliance with NNWSI/88-9, Revision 2; there were no comments. A letter was prepared for review and subsequent transmittal to the Project Office for approval.

A review of the Reynolds Electrical and Engineering Co., Inc. QAPP and requirements matrix for compliance with NNWSI/88-9, Revision 2, was completed; there were no comments. A letter was prepared and is being routed for review prior to transmittal to the Project Office for signature.

A review of the Los Alamos National Laboratory QAPP, Revision 4.1, for compliance with NNWSI/88-9, Revision 2, was initiated.

D. Exploratory Shaft Facility (ESF)

All comments on the Subsystem Design Requirements Document Benchmark 1 and Benchmark 2 were received. Over 90 percent of the comments have been incorporated.

II. Significant Accomplishments/Information Items

A joint DOE and Project Office comment resolution meeting on the Midway Valley Trenching Study is being held this week in Albuquerque, New Mexico.

Internal Lawrence Livermore National Laboratory and informal Project Office comments on the Waste Package Strategy Document have been received and incorporated.

John Czarnecki, USGS, prepared a report entitled "Site Characterization and Conceptual Models of the Subregional Ground-Water Flow System, Yucca Mountain and Vicinity, Nevada-California," for the Waste Management 1989 meeting.

USGS finished updating both sets of the QA Corrective Action/Open Items Logbooks to agree with the December 28, 1988, open items report. The list of external and internal open items requiring closure for the Qualified QA Program, effective December 30, 1988, was updated and returned to the Project Office.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
A. <u>Coordinating Group Meetings</u>			
None.			
B. <u>HQ Meetings</u>			
Thursday, February 9	Project Manager's Meeting	Washington, D.C.	V. Davis Project Office
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Monday- Tuesday, January 30-31	Project Manager/ Technical Project Officer's meeting	Las Vegas, NV	V. Davis Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
D. State and Public Interaction			
Wednesday, January 25	Project Manager gives presentation to the Students United for Political Action	Las Vegas, NV	V. Davis Project Office
Thursday, January 26	Project Manager gives presentation to Las Vegas Rotary Club	Las Vegas, NV	V. Davis Project Office
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 Talk Show	Reno, NV	V. Davis Project Office
Tuesday, February 14	Project Manager gives presentation to Nevada Legislative Committee on High Level Radioactive 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 Talk Show is scheduled to air	Reno, NV	V. Davis Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
D. <u>State and Public Interaction (continued)</u>			
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 1989 meeting	Tuscon, AZ	V. Davis Project Office
E. <u>U.S. Nuclear Regulatory Commission Interaction</u>			
Monday- Tuesday, January 23-24	NRC/DOE presentation to the Advisory Committee on Nuclear Waste on the HLW Program	Bethesda, MD	A. Jennetta SAIC
F. <u>Other</u>			
None.			

YMP:DLH-1582



Carl P. Gertz, Project Manager
Yucca Mountain Project Office