



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

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TO: John J. Linehan, Projector Director, Repository
Licensing Project Directorate (RLPD)
Division of High-Level Waste Management, M/S 4-H-3

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

DATE: November 14, 1988

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report
received in this office, i.e., for week ending November 4, 1988.

PTP:nan
Enclosure
cc: King Stablein w/enc.

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PDR WASTE
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Department of Energy

Nevada Operations Office
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WBS # 1.2.9.1.1
"QA: N/A"

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING NOVEMBER 4, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

The Project Review Group met in Las Vegas, Nevada, November 3-4 to review proposed responses to U.S. Nuclear Regulatory Commission (NRC) Point Papers prepared by the Integration Group.

Comment resolution resulting from the final U.S. Department of Energy/Headquarters (DOE/HQ) concurrence review continued this week. Final production of the camera-ready copy of the Statutory SCP will begin November 7, 1988. Present plans are to submit the SCP to the printer the week of November 28, 1988.

SCP Study Plan Coordination

Fifteen draft Study Plans are currently in review. Study Plan 8.3.1.17.4.6, Quaternary faulting within the site area, was submitted to the Yucca Mountain Project Office (Project Office) for project review this week. One Study Plan is in project review prior to submittal for DOE/HQ review. Four Study Plans are undergoing revision by the participants. Four Study Plans have been submitted to DOE/HQ for review, and three Study Plans have been submitted to DOE/HQ for approval. Two Study Plans are in review at the NRC: (1) Excavation Investigations, Study 8.3.1.15.1.5, and (2) Water movement tracer tests using chloride and chlorine-36 measurements of percolation at Yucca Mountain, Study 8.3.1.2.2.2.

The present status of Study Plans is as follows:

Quality Check	0
Project Review	2
Participant Revisions	4
Parallel Project Office &	
DOE/HQ Review	3
DOE/HQ Review Pending	1
DOE/HQ Approval Pending	3
NRC Review	2
Total	15

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Approximately 25 Study Plans are currently in preparation at the participant level.

B. Core Sample Management

The boreholes inventoried at the U.S. Geological Survey (USGS) Core Library currently consist of 100 boreholes; 79 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 3,691 boxes of core; 128 waxed core samples; and 58 miscellaneous samples.

A total of 4,931 containers were tallied in the USGS-to-Sample Management Facility transfer (SMF). To date, 86 percent (4,080 containers) have been inventoried and transferred to the SMF.

C. Quality Assurance (QA)

A surveillance was conducted at the Nevada Test Site to verify implementation of the Lawrence Livermore National Laboratory procedure 033-NNWSI P13.1, Revision 0, Collection, Storage and Distribution of J-13 Water. Results of the surveillance were documented in Surveillance Report No. YMP-SR-88-017, which was forwarded to the Project Office.

A surveillance was conducted at Fenix & Scisson (F&S) to verify committed corrective actions to Standard Deficiency Reports (SDRs) that were generated as a result of QA Audit 88-01. As a result, the SDRs were closed.

The Los Alamos National Laboratory (Los Alamos) Quality Assurance Program Plan (QAPP), Revision 4, was reviewed. A letter with review comments was forwarded to Los Alamos.

QA staff is reviewing the various participant QAPPs for compliance to the NRC Standard Review Plan. This subject was addressed by the Office of Civilian Radioactive Waste Management personnel during a Project Office meeting held in Las Vegas. Direction was given to have the participant QAPPs comply line by line with this review plan and provide adequate justification for any exceptions taken.

D. Exploratory Shaft Facility (ESF)

Science Applications International Corporation (SAIC), Reynolds Electrical & Engineering Company, Inc., Holmes & Narver, Inc., and F&S staff met to develop modified scheduling networks for the ESF per the new project schedule.

ESF Prerequisite Status

The ESF-shaft construction start prerequisite work was initiated October 26, 1988. An organizational unit lead by Ed Wilmot has been established to define, assign responsibility, and to status the related work products in support of this effort. Ten management centers have been established with associated task leaders assigned to develop the preparatory work products required prior to the start of Title II for ESF. The Planning and Scheduling procedures are in place to track schedule status and the cost criteria procedures for reporting from the participants are being formulated.

II. Significant Accomplishments/Information Items

F&S completed the overall shaft sizing and main test level layout evaluation requested by the Project Office. Shaft internal arrangements for 12-, 13-, and 14-foot shafts for both the operational and sinking phases were developed and evaluated. In addition, cost estimate comparisons of the shafts, shaft lining performances, ventilation cost benefits, comparative ventilation analysis of flow through ventilation versus ducted ventilation for the exploratory shafts, and an evaluation of blasting overbreak during shaft excavation were studied.

Drafted guidance for the fiscal year (FY) 1989 budget has been received. A letter from the Project Office to all participants has been sent out requesting cost account planning for FY 1989.

Long Range Planning (LRP)

The continuance of the development of the logic diagrams for each Work Breakdown Structure element has been a predominant effort for the LRP Group. A workshop is being considered to scrub the current logic prior to review of the management overview team. WIT 4, prerequisite networking, has developed a generic network to assess prerequisite elements for SCP activities. In addition, the Project Office was briefed on WIT 4's product and the utilization of their efforts as part of the overall project's Work Authorization System. Current application of WIT 4's network would be directed toward readiness evaluations prior to the start of any field activities.

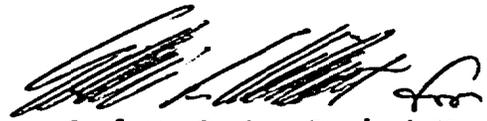
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III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
A. <u>Coordinating Group Meetings</u>			
Wednesday - Thursday, December 7-8	Transportation Coordination Meeting	Kansas City, MO	E. Lundgaard Project Office
B. <u>HQ Meetings</u>			
Tuesday - Wednesday, November 15-16	Comment Resolution for Section 175 Report	Washington, DC	E. Lundgaard Project Office
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Wednesday, November 16	Manager's Meeting	Las Vegas, NV	V. Davis Project Office
D. <u>State and Public Interaction</u>			
Monday, November 7	Project Manager, Presentation to a Las Vegas Rotary Club	Las Vegas, NV	V. Davis Project Office
Thursday, November 10	Nevada Nuclear Waste Study Committee's Las Vegas Forum on Nuclear Waste	Las Vegas, NV	V. Davis Project Office
Wednesday, November 16	Legislative Committee on High-Level Radioactive Waste	Reno, NV	V. Davis Project Office
Wednesday, November 16	Project Manager, Presentation to the American Association of University Women	Las Vegas, NV	V. Davis Project Office
Thursday, November 17	Project Manager, Presentation at Goldfield Town Hall Meeting	Goldfield, NV	V. Davis Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Wednesday, November 30	Project Manager Presentation to University of Nevada, Reno Faculty	Reno, NV	V. Davis Project Office
E.	<u>U.S. Nuclear Regulatory Commission Interaction</u>		
	None.		
F.	<u>Other</u>		
	None.		



Carl P. Gertz, Project Manager
Yucca Mountain Project Office

YMP:SAC-542