



UNITED STATES
NUCLEAR REGULATORY COMMISSION
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TO: John J. Linehan, Chief, Operations Branch (HLOB)
Division of High-Level Waste Management, M/S 4-H-3

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

DATE: October 5, 1988

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending September 23, 1988. There is nothing special to note.

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

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING SEPTEMBER 23, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

The comment resolution workshop for Section 8.4 was held September 21-23, 1988, in Las Vegas, Nevada.

Production of the Statutory SCP continued this week. Production of the Statutory SCP is divided into Phases I, II, and III. Phase I of the SCP production process includes document integration (i.e., incorporation of review comments resulting from outside reviews and the U.S. Department of Energy/ Headquarters (DOE/HQ) comment resolution workshops into the SCP/Consultative Draft (CD) text markup), editing, word processing, proofreading, and graphics production of the first draft. Phase II includes final draft preparation and represents the second time through the production process for the majority of the document. Phase III consists of production of camera-ready copy. Approximately 75 percent of the text has been submitted into Phase I production. Sections 8.4, 8.5, and 8.6 are the major sections yet to be placed into Phase I. Of the SCP text in production, approximately 80 percent has completed Phase I and has entered Phase II production. Phase III was initiated this week.

Work was initiated this week on a DOE/HQ request for a white paper on the geophysics integration activity in the SCP. The outline for the white paper is due November 15, 1988.

There was no change in Study Plan status this week. Fourteen draft Study Plans are currently in review. 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 U.S. Nuclear Regulatory Commission (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.

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DOE/HQ reviews of the most recent Study Plans submitted to DOE/HQ as well as reviews of all future Study Plans will be on hold until DOE/HQ guidance for Study Plan review are finalized.

The present status of Study Plans is as follows:

Quality Check	0
Project Review	1
Participant Revisions	4
Parallel PO &	
DOE/HQ Review	1
DOE/HQ Review Pending	3
DOE/HQ Review	0
Comment Resolution Check	0
DOE/HQ Approval Pending	3
NRC Review	2
	<hr/>
	Total 14

B. Core Sample Management

Formal operational tests of the Sample Management Facility procedures were completed.

The boreholes inventoried at the U.S. Geological Survey Core Library currently consist of 97 boreholes; 71 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 3,001 boxes of core; 103 waxed core samples; and 58 miscellaneous samples.

C. Quality Assurance (QA)

A surveillance was conducted on September 14-15, 1988, at Los Alamos National Laboratory (Los Alamos) to verify the implementation of corrective actions necessary to close deficiencies identified by the June 8, 1987, NRC mini-audit of Los Alamos.

QA staff has been involved in planning discussion and preliminary data gathering for the Working Integration Team (WIT) 4 task. The first meeting is expected to be held on Wednesday of next week. The interfaces between this activity, the trenching activity, and the task to deal with concerns from NUREG 1318 will be identified, and the work will be integrated.

A surveillance was conducted on September 13, 1988, at the Nevada Test Site (NTS) to observe the collection of J-13 water by Lawrence Livermore National Laboratory (LLNL). Results of the surveillance will be documented in Surveillance Report No. YMP-SR-88-017.

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QA staff met with Science Applications International Corporation (SAIC), Fenix & Scisson (F&S), and Reynolds Electrical and Engineering Company, Inc. (REECO) personnel on September 16, 1988, to discuss the drilling of a QA level I developmental hole.

QA staff met with U.S. Geological Survey (USGS) staff in Denver to hold technical discussions on the Software Quality Assurance requirements of MNWSI/88-9, Revision 1. QA staff explained and interpreted the new software QA requirements and received USGS comments on the implementation proposed for project AP 5.5Q.

II. Significant Accomplishments/Information Items

SAIC staff completed Milestone P141 on September 14, 1988. All tests of the Sample Management procedures, Core Sample Inventory Tracking System (CSITS) software, and sample processing equipment have been conducted.

A Peer Review of the Container Material Selection Criteria was held at LLNL on September 15-16, 1988. Staff members presented background information on container material and environment.

LLNL sent final rollups of the SCP networks for use in the revision of the SCP to SAIC.

On Monday, September 19, 1988, Carl Gertz, Project Manager, Ed Wilmot, Deputy Manager, Larry Skousen, John Robson, Ted Petrie, and others, traveled to HQ for a meeting with the Office of Civilian Radioactive Waste Management (OCRWM) Director's staff.

On Monday, September 19, 1988, a meeting was conducted with participants and Yucca Mountain Project Office (Project Office) personnel to reconcile the concerns with MNWSI 88-9/Revision 1, Appendix H. After a lengthy discussion an agreement was reached to establish a Working Group of approximately eight members i.e., Holmes and Narver (H&N), SAIC/QA, USGS, EG&G, Sandia National Laboratories (SNL), LLNL, F&S, SAIC, and QA. The Working Group will rewrite certain sections of Appendix H, restructuring the contents to present a document that will be adaptable to the participant's use. The redraft of Appendix H, along with a write up stating the rationale/justification will be given to Winn Wilson for Project Office review by close of business Friday, September 23, 1988.

On September 21, 1988, Carl Gertz gave a presentation on the Yucca Mountain Project Overview at the DOE/Nevada Operations Office (NV) Manager's Program Review.

Project Managers and Technical Project Officers met in Las Vegas, Nevada, on September 21-22.

Carl Gertz gave a State of the Project briefing to all Yucca Mountain Project participants on September 22, 1988, in Las Vegas Nevada.

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The ESF Interface Control Working Group meeting was held Thursday, September 22, 1988.

Carl Gertz gave a presentation on the Status of the Yucca Mountain Project to the Las Vegas City Officials and the Nevada Society of Radiologic Technologists on September 23 and 24, 1988, respectively.

SAIC fulfilled Milestone R997 with the submission of the "Draft Yucca Mountain Project Chapter of the OCRWM Communications Plan." This draft is scheduled for discussion with OCRWM Information Services Division on September 26 or 27, 1988 in Las Vegas, Nevada.

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>			
Tuesday - Wednesday September 27-28	Information Tech- nology Resources Long-Range Planning Meeting	Albuquerque, NM	S. Carter Project Office
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Thursday, September 29	Project Managers Meeting	Las Vegas, NV	V. Davis, Project Office
Tuesday, October 11	Sample Overview Committee Meeting	Las Vegas, NV	U. Clanton, Project Office
Wednesday - Thursday October 26-27	Technical Project Officers Meeting	Las Vegas, NV	J. Fiore SAIC
D. <u>State and Public Interaction</u>			
Thursday, October 13	Project Manager, Presentation to Professional Women of Beatty, NV	Beatty, NV	V. Davis Project Office
Tuesday, October 27	NTS	NTS	R. Levich Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
	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-3745