



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

Reply to:
1050 East Flamingo Road
Suite 319
Las Vegas, Nevada 89119
Tel: (702) 388-6125
FTS: 598-6125

TO: John J. Linehan, Acting Chief, HLOB, M/S 4-H-3
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative
DATE: September 29, 1988
SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending September 16, 1988. There is nothing special to note.

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

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Department of Energy

Nevada Operations Office
P. O. Box 98518
Las Vegas, NV 89193-8518

WBS # 1.2.9
"QA: N/A"

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SEP 21 1988

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
SEPTEMBER 16, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

The Program Review Group (PRG) met in Las Vegas, September 14-16, 1988, to close out remaining proposed resolutions of comments on the SCP. Specific agenda topics included seal characteristics, repository program, performance confirmation, schedules and milestones, performance assessment, and the individual site program sections of the SCP (e.g., geohydrology, geochemistry, and rock characteristics).

The Section 8.4 Oversight Team completed revisions. This formal draft of Section 8.4 was sent to U.S. Department of Energy/Headquarters (DOE/HQ) reviewers on September 14, 1988. The comment resolution workshop for Section 8.4 has been rescheduled to September 21-23, 1988, in Las Vegas.

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 DOE/HQ comment resolution workshops into the SCP/Consultation 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 Phase I, approximately 75 percent has completed Phase I. Phase II production was initiated this week. Phase III is scheduled to begin the week of September 26.

The SCP production team met Thursday, September 15, in Las Vegas to continue coordination of SCP production activities.

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SCP STUDY PLAN COORDINATION

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 participant. 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: (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.

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 is finalized.

The present status of Study Plans is as follows:

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

B. Core Sample Management

Work on the operational test of Sample Management procedures continues, and the dust collection system for core saws was completed.

The boreholes inventoried at the U.S. Geological Survey (USGS) Core Library currently consists of 97 boreholes; 71 boxes of cuttings; 239 boxes of core sealed in PVC pipe; 2,845 boxes of core; 103 waxed core samples; and 58 miscellaneous samples.

C. Quality Assurance (QA)

Quality Assurance personnel participated in the Exploratory Shaft Facility 100 Percent Technical Assessment Review, held at the Henderson Convention Center. Approximately 1,100 comment resolutions were reviewed.

A draft copy of the "Technical Assessment Review Plan for the Integrated Data System Preliminary Design" was reviewed. QA staff are writing three sections of the Exploratory Shaft Facility Title I Design Summary Report, including QA Program descriptions to be followed during Title I, II, and III design phases.

Meetings are currently being held between local U.S. Nuclear Regulatory Commission (NRC) representatives and the Yucca Mountain Project Office staff to discuss responses to NRC Observation Reports that cover Audits 88-1, 88-2, and 88-3. A formal response report has been drafted and is being reviewed.

II. Significant Accomplishments/Information Item

USGS Climate Project personnel, hydrologists, National Center for Atmospheric Research (NCAR) climate modelers, and Science Applications International Corporation (SAIC) meteorologists met to plan meteorological monitoring at Yucca Mountain and to learn what was being done in related studies. NCAR scientists described the linked global-mesoscale climate model containing a nested mode that treats exchange of mass and energy between the land surface and lower layers of atmosphere. The model has the capability of simulating regional climate and soil moisture in the Yucca Mountain area. This information is used to estimate precipitation trends that will be used by hydrologists in calculating likely bounds to infiltration at the site.

Nine portable seismometers in the Eldorado Valley area were installed. Together with the earlier installed telemeter station, the new seismometers form a 10-station network.

The procurement package for Phase II of the Babcock and Wilcox container closure and fabrication process development subcontract has been authorized. The term will extend through January 1990.

The heater in the Prototype Testing Area of the exploratory shaft has been turned on, and measurements are now being taken.

III. Upcoming Events

Date	Event	Location	Contact
A. Coordinating Group Meetings			
None to report.			

Date	Event	Location	Contact
B. HQ Meetings			
Tuesday- Wednesday September 27-28	Information Technology Resources Long-Range Planning Meeting	Washington, D.C.	R. August, HQ
C. Internal Project and DOE/Nevada Operations Office (NV) Meetings			
Tuesday, September 20	Comment Resolution Meeting, SCP Section 8.5	Las Vegas NV	U. Clanton, Project Office
Tuesday, September 20	DOE/NV Managers Meeting	Las Vegas, NV	V. Davis, Project Office
Wednesday- Thursday, September 21-22	Technical Project Officers Meeting	Las Vegas, NV	J. Fiore, SAIC
Wednesday- Friday, September 21-23	Comment Resolution Meeting SCP Section 8.4	Las Vegas, NV	U. Clanton, Project Office
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
D. State and Public Interaction			
Thursday, September 22	Project Manager, State of the Project Pre- sentation	Las Vegas NV	V. Davis, Project Office
Thursday, October 13	Project Manager, Presentation to Professional Women of Beatty, NV	Beatty, NV	V. Davis, Project Office
E. U.S. Nuclear Regulatory Commission Interaction			
Tuesday, September 20	Project Manager gives tour of test site to NRC Commis- sioner Carr	Las Vegas, NV	V. Davis, Project Office


Stephen H. Kale

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Date	Event	Location	Contact
F. Other			
Friday, September 16	French Citizen to tour test site	Mercury, NV	R. Levich, Project Office

YMP:SAC-3680


Carl P. Gertz, Project Manager
Yucca Mountain Project Office