



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: September 8, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending September 1, 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
P. O. Box 98518
Las Vegas, NV 89193-8518

SEP 06 1989

WBS #1.2.9.1.1
"QA: N/A"

Jerome D. Saltzman, Facilities Siting and Development, HQ (RW-20) FORS

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
SEPTEMBER 1, 1989

I. Critical Items Status

A. Site Characterization Plan (SCP) Progress Reports

Work is continuing on development of a plan for providing Yucca Mountain Project input to the semiannual progress reports.

Comment Response Summary

Work continued on final editing and cross-referencing of responses to comments made on the Consultation Draft of the SCP. The comment response package for Edison Electric Institute is essentially complete. Comment response packages for the State of Nevada and the U.S. Geological Survey are expected to be completed by mid-September.

SCP Study Plan Status: September 1, 1989

Study Plans 8.3.1.2.2.7, "Hydrochemical Characterization of the Unsaturated Zone," 8.3.1.2.3.1.7, "Reactive Tracers: C-Well Complex," and 8.3.1.15.1.3, "Laboratory Determination of Mechanical Properties of Intact Rock," are currently in post-revision audit status. Minor inconsistencies with comment dispositions are being corrected in the final drafts. These study plans will be submitted to the U.S. Nuclear Regulatory Commission (NRC) following successful completion of the audit.

Preparations are underway for accelerated comment resolution on Study Plan 8.3.1.8.1.1, "Probability of a Volcanic Eruption Penetrating the Repository." Some delays in reviews of the study plans are occurring due to unavailable resources.

Additional documentation in support of the Study Plan Assessment is being prepared. Preparation of study plan records packages is also in progress.

Formal identification of Principal Investigators for activities has been requested to formalize interfaces. Study plan and Sample Management Facility (SMF) staff are cooperating in this survey for mutual interface purposes.

STUDY PLAN BREAKDOWN

| | |
|---------------------------------------|--------|
| Project Office Acceptance Review. . . | 0 |
| Revision. | 0 |
| Project Review. | 0 |
| Post-PO Revision. | 0 |
| Parallel PO/HQ Review | 16 |
| HQ Review (PO Review complete). . . . | 1 |
| Post HQ Revision. | 4 |
| PO/HQ Audit | 3 |
| To HQ for NRC submission. | 1 |
| NRC Acceptance Review | 7 |
| Revision | 0 |
| NRC Start-work Review | 0 |
| Revision | 0 |
| NRC Acceptance | 0 |
| Total | 32 |

B. Core Sample Management

Staff continued processing Utah Prototype borehole samples at the SMF.

A tour of the SMF was given to a reporter from the Dallas Morning News and to a legislative aid of Congresswoman Barbara Vucanovich.

C. Quality Assurance (QA)

A meeting was held to discuss alternate strategies for enhancement of the Exploratory Shaft Facility (ESF) design. QA staff participated on a subcommittee concerned with design changes.

The Yucca Mountain Project Office Software Quality Assurance Plan is being redrafted to incorporate comment resolutions. Implementing quality management procedures will be completed in September.

D. Exploratory Shaft Facility (ESF)

Alternate strategies were developed for the ESF design.

Staff completed input to and the review of a draft report on the advantages and disadvantages of qualifying all applicable data now rather than delaying this activity.

The Prototype Demonstration Excavation Feasibility Report has been submitted to editing. Concurrence has been received on the majority of the review comments.

A comment resolution meeting for management review of General Arrangement drawings by Holmes & Narver was held this week.

An overview of the container materials/corrosion program was presented to the Technical Review Board.

E. Long Range Planning and Project Planning and Control System (FACS)

Resource estimating of long range plan (LRP) network activities continued with a special training session being conducted for Lawrence Livermore National Laboratories on August 29, 1989.

Trial data has been entered into the FACS and preliminary output results are as expected. Plans for extending the LRP effort are underway, including planning for data entry.

F. Environmental Permitting

Work continues on the Desert Tortoise Biological Assessment (BA). The BA is scheduled for completion by the end of September.

II. Significant Accomplishments/Information Items

The fourth prototype drilling location west of Milford, Utah, has been abandoned because of unstable drilling conditions. A search has been initiated for another suitable location for resumption of the prototype dry drilling program. Drilling is anticipated to be restarted by mid-September.

Preparations continued for the opening of the Clark County Yucca Mountain Information Office. Activities include finalizing the draft text for the office exhibits and getting the exhibits reviewed and approved.

Production of the Review Record Memorandum (RRM) for the Technical Assessment Review (TAR) on the "resistivity anomaly" continued. Reference verification on a draft of the RRM text was completed. Final TAR recommendations are complete and the document is being readied for production and distribution.

III. Upcoming Events

Please note that the usage of "(P)" in the Upcoming Events calendar indicates that the event is open to the public.

| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>Participant</u> |
|--|--------------------------------|-------------------|--------------------------------|
| A. <u>Coordinating Group Meetings</u> | | | |
| None. | | | |
| B. <u>HQ Meetings</u> | | | |
| Thursday, September 21 | Program Management meeting | Washington, DC | C. Gertz, Project Office |
| Thursday, October 19 | Program Management meeting | Las Vegas, NV | C. Gertz, Project Office |
| Thursday, November 16 | Program Management meeting | Washington, DC | C. Gertz, Project Office |
| Thursday, December 14 | Program Management meeting | Washington, DC | C. Gertz, Project Office |
| C. <u>Internal Project and DOE/Nevada Operations Office (NV) meetings</u> | | | |
| Wednesday, September 20 | NV Manager's Program Review | Las Vegas, NV | C. Gertz, Project Office |
| Wednesday, October 18 | NV Manager's Program Review | Las Vegas, NV | C. Gertz, Project Office |

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D. State and Public Interactions

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|--|---|----------------------|----------------------------------|
| Tuesday, September 12 | Presentation at the Energy and Environ- mental Conference (P) | Denver, CO | C. Gertz, Project Office |
| Monday- Wednesday, September 11-13 | Presentation to the National Congress of American Indians (P) | Phoenix, AZ | A. Robison, Project Office |
| Sunday, September 17 | Presentation to the St. Matthews Episco- pal Church (P) | Las Vegas, NV | C. Gertz, Project Office |
| Tuesday, September 19 | Presentation at the Nuclear Plant Experience Conference (P) | Williamsburg, VA | B. Easterling, DOE/HQ |
| Friday, September 22 | Presentation to the Las Vegas City Chamber of Commerce (P) | Las Vegas, NV | C. Gertz, Project Office |
| Monday, September 25 | Yucca Mountain Project Update meeting (P) | Pahrump, NV | C. Gertz, Project Office |
| Tuesday, September 26 | Yucca Mountain Project Update meeting (P) | Henderson, NV | C. Gertz, Project Office |
| Thursday, September 28 | Yucca Mountain Project Update meeting (P) | Carson City, NV | C. Gertz, Project Office |
| Tuesday, October 17 | Presentation to Southern Nevada Executive Council (P) | Las Vegas, NV | S. Jones, Project Office |
| Thursday, October 26 | Presentation to Joint Power General Conference (P) | Dallas, TX | C. Gertz, Project Office |
| Sunday- Wednesday, November 26-29 | Presentation to American Nuclear Society 1989 Winter Meeting (P) | San Francisco, CA | C. Gertz, Project Office |

D. State and Public Interactions (continued)

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|---------------------------|--|------------------|--------------------------------|
| Wednesday, November 29 | Presentation to the U.S. Council on Energy Awareness Program Committee (P) | Las Vegas, NV | C. Gertz, Project Office |
|---------------------------|--|------------------|--------------------------------|

E. Yucca Mountain Project Tabletop Exhibit Showings (P)

| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>Contact</u> |
|-----------------------------------|---------------------------------|------------------|---------------------------------|
| Friday-Monday, September 1-4 | Pioche Labor Day Celebration | Pioche, NV | M. Powell, Project Office |
| Friday-Sunday, September 15-17 | Pahrump Harvest Festival | Pahrump, NV | M. Powell, Project Office |
| Tuesday-Sunday, October 3-8 | Las Vegas Jaycees State Fair | Las Vegas, NV | M. Powell, Project Office |
| Thursday-Sunday, October 19-22 | Home and Energy Show | Las Vegas, NV | M. Powell, Project Office |
| Saturday-Sunday, October 21-22 | Henderson Expo | Henderson, NV | M. Powell, Project Office |
| Tuesday, October 31 | Nevada Day Celebration | Las Vegas, NV | M. Powell, Project Office |

F. NRC Interaction

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|---------------------------|--|------------------|------------------------------------|
| Thursday, September 7 | Bi-monthly QA meeting | Las Vegas, NV | E. Wilmot, Project Office |
| Thursday, September 14 | ACNW meeting | Rockville, MD | M. Blanchard, Project Office |
| Tuesday, September 26 | Tectonics meeting, including Yucca Moun- tain site visit | Las Vegas, NV | M. Blanchard, Project Office |

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Jerome D. Saltzman

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F. NRC Interaction (continued)

Wednesday,
October 25

Container materials
meeting (P)

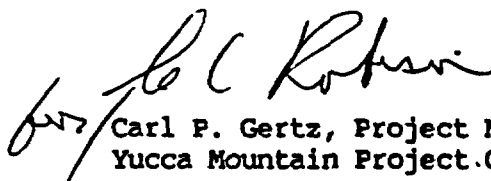
White Flint,
MD

M. Cloninger,
Project
Office

G. Other

None.

YMP:DLH-5696


Carl P. Gertz, Project Manager
Yucca Mountain Project Office