



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: March 26, 1990

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending March 16, 1990.

There is nothing of any particular significance in this report other than the notation I made.

PTP:nan

PTP:nan

cc: King Stablein w/enc., M/S 4-H-3
Harold R. Denton, w/enc., M/S 17-F-2
Dean Kunihiro, Region 5

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Department of Energy

Nevada Operations Office
P. O. Box 98518
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WBS #1.2.9.1

QA: N/A

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING MARCH 16, 1990

I. Critical Item Status

A. Site Characterization Plan (SCP) Progress Reports

The Yucca Mountain Project Technical Status Report (TSR) is being distributed by the Office of Scientific and Technical Information, Oak Ridge, Tennessee. The printed TSR is a combination of the first and second TSRs. Distribution should be completed by late March 1990.

The Site Characterization Progress Report (PR) is being distributed by the U.S. Department of Energy/Headquarters (DOE/HQ). Copies of the PR will be forwarded to the Yucca Mountain Project Office (Project Office) for near-term internal distribution and public interactions.

SCP Comments

Response packages for comments made at the SCP public hearings were delivered to the DOE/HQ on March 7, 1990, for review and approval. The review packages are scheduled to be returned to the Project Office by March 19, 1990.

The site characterization analysis (SCA) scoping activity is nearing completion. A guidance package to aid responders to the SCA is under development.

SCP Study Plan Status: March 16, 1990

The Project Office completed a screening review of Study Plan 8.3.1.2.1.3, "Characterization of the Yucca Mountain Regional Ground-Water Flow System."

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A comment resolution meeting for Study Plans 8.3.1.3.3.2, "Kinetics an Thermodynamics of Mineral Evolution," and 8.3.1.3.3.3, "Conceptual Model of Mineral Evolution," was held in Las Vegas, Nevada, on March 14, 1990.

A draft of Study Plan 8.3.1.2.2.1, "Characterization of the Unsaturated-Zone Infiltration," was submitted to the Project Office for a screening review.

Completed comment resolution forms were received from the author of Study Plan 8.3.1.2.2.3, "Characterization of Percolation in the Unsaturated Zone — Surface Based Study."

STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	1
Revision.	1
Project Review.	1
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	2
HQ Review (Project Office Review complete)	3
Awaiting comment resolution	9
Post HQ Revision.	6
Project Office/HQ Audit	7
NRC Acceptance Review	6
Revision	0
NRC Start-Work Review	0
Revision	0
NRC Acceptance	2
Total	38

B. Core Sample Management

Sample Management Facility (SMF) personnel traveled to Apache Leap, Arizona, to set-up for drilling activities.

Preparations are underway for the upcoming U.S. Nuclear Regulatory Commission (NRC) informal surveillance of SMF core handling procedures. Activity completed 3-22-90.

C. Quality Assurance

The Technical and Management Support Services contractor has been recognized as having specific technical responsibilities as a project participant and is developing quality assurance plans and procedures.

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D. Exploratory Shaft Facility

Comment resolution and verification was completed on the final Design Plan. The plan is scheduled for issuance next week.

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

The LRP Schedule Update cleanup activities continue as scheduled.

F. Environmental Permitting

The required biannual report concerning the status of hazardous waste generated by the project was submitted to the State of Nevada Division of Environmental Protection on March 7, 1990.

G. Nuclear Waste Technical Review Board (NWTB) Meetings and Interactions

No significant interactions to report.

II. Significant Accomplishments/Information Items

The monthly Program Management meeting was held on March 13, 1990, in Las Vegas, Nevada. The next meeting has been tentatively scheduled for April 26, 1990.

A full-day project review meeting was held on March 14, 1990, to brief management representatives from the Office of Civilian and Radioactive Waste Management on the major technical and management status of the project.

The Project Manager gave a presentation to the American Institute of Hydrology on March 14, 1990, at the Hacienda Hotel in Las Vegas, Nevada.

Preliminary arrangements were made for the upcoming Yucca Mountain Project Public Update meetings. The meetings are scheduled for March 29, April 2, and April 3, 1990, in Fallon, Tonopah, and North Las Vegas, Nevada, respectively.

Meeting materials are being finalized for the March 19-20, 1990, meeting with the NWTB Risk and Performance Assessment and Structural Geology and Geoengineering Joint Review Panels. A second dry run was held on March 12-13, 1990.

A kick-off meeting and dry run for the April 12, 1990, NWTB Technical Exchange (TE) on seismicity is planned for late March 1990. The meeting agenda is nearing completion.

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Development of an agenda for the April 10, 1990, NRC TE on ESF Alternatives and Surface-Based Testing Prioritization was initiated this week.

The Regulatory Compliance Plan was revised to incorporate informal Project Office comments. Formal review began on March 16, 1990.

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, March 22	DOE Transportation Round Table	Washington, DC	K. Grassmeier, Project Office
Thursday, April 26	Program Management meeting	Washington, DC	C. Gertz, Project Office
Thursday, May 24	Program Management meeting	Washington, DC	C. Gertz, Project Office
Thursday, June 21	Program Management meeting	Las Vegas, NV	C. Gertz, Project Office
C. <u>Internal Project and DOE/Nevada Operations Office meetings</u>			
Wednesday, April 4 (tentative)	Monthly Planning and Budget meeting	Las Vegas, NV	C. Gertz, Project Office
Thursday, April 5 (tentative)	Technical Project Officer meeting	Las Vegas, NV	C. Gertz, Project Office
Thursday, April 19	"Science Now"	Las Vegas, NV	C. Gertz, Project Office

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D. State and Public Interactions

Wednesday, March 21	Rochester Museum and Science Center Distinguished Scholars Lecture Series (P)	Rochester, NY	C. Gertz, Project Office
Friday, March 23	Department of Nuclear Engineering, University of Michigan	Ann Arbor, MI	C. Gertz, Project Office
Tuesday, March 27	Nuclear Fuel Cycle Conference	Nashville, NV	C. Gertz, Project Office
Thursday, March 29	Public Update Meeting (P)	Fallon, NV	A. Robison, Project Office
Monday, April 2	Public Update Meeting (P)	Tonopah, NV	A. Robison, Project Office
Tuesday, April 3	Public Update Meeting (P)	N. Las Vegas, NV	A. Robison, Project Office
Wednesday, April 25	Presentation to Info '90 sponsored by the Council for Energy Awareness (P)	Dallas, TX	C. Gertz, Project Office
Tuesday- Friday, June 12-15	International Sympo- sium on Unique Under- ground Structures (P)	Golden, CO	C. Gertz, Project Office

E. Yucca Mountain Project Tabletop Exhibit Showings (P)

No tabletop exhibit showings are scheduled.

F. NRC Interactions

Tuesday, March 20	Interactions scheduling meeting	Rockville, MD	D. Dobson, Project Office
Tuesday, April 10	TE on ESF Alterna- tives and Surface- Based Prioritization	TBD	A. Simmons, Project Office

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G. Other

Monday-
Tuesday,
March 19-20

NWTRB Risk and
Performance Assess-
ment and Structural
Geology and Geoengi-
neering Joint Review
Panels

Denver,
CO

D. Dobson,
M. Cloninger,
Project
Office

Friday,
April 6

NWTRB field trip to
NTS (G-Tunnel and
N-Tunnel)

Mercury,
NV

D. Dobson,
Project
Office

Saturday,
April 7

NWTRB TE on Status
of ESF Alternatives
with Structural
Geology and Geoengi-
neering Panel

Las Vegas,
NV

D. Dobson,
Project
Office

Thursday,
April 12

NWTRB TE on
Seismicity

Las Vegas,
NV

D. Dobson,
Project
Office



Carl P. Gertz, Project Manager
Yucca Mountain Project Office

YMP:DLH-2470