



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: December 21, 1989

SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending December 15, 1989.

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

Las Vegas, NV 89193-8518

DEC 18 1989

WBS #1.2.9.1

QA: N/A

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

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING DECEMBER 15, 1989

### I. Critical Item Status

#### A. Site Characterization Plan (SCP) Progress Reports

The December 8, 1989, version of the Semiannual Progress Report reflects the combination of previously unpublished progress reports for the first two reporting periods. Comments on the revised report have been forwarded to the U.S. Department of Energy/Headquarters (DOE/HQ) for their review. The next reporting period ends on March 30, 1990. Guidance packages are scheduled for transmittal to contributors during late February 1990.

#### SCP Study Plan Status: December 15, 1989

Study Plans 8.3.1.5.2.1, "Characterization of the Quaternary Regional Hydrology," and 8.3.1.17.4.2, "Location and Recency of Faulting Near Prospective Surface Facilities," completed the U.S. Nuclear Regulatory Commission (NRC) 3-month "start-work" review. Both plans are currently undergoing the NRC technical review process.

STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	1
Revision. . . . .	0
Project Review. . . . .	0
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	2
HQ Review (Project Office Review complete) . . . . .	8
Awaiting comment resolution . . . .	5
Post HQ Revision. . . . .	6
Project Office/HQ Audit . . . . .	4
To HQ for NRC submission. . . . .	0
NRC Acceptance Review . . . . .	6
Revision . . . . .	0
NRC Start-Work Review . . . . .	0
Revision . . . . .	0
NRC Acceptance . . . . .	2
 Total . . . . .	 34

B. Core Sample Management

Sample Management Facility staff completed the final photography of Utah prototype boreholes UZP2, UZP-3, UZP-3A, UZP-3B, UZP-3C from the Toole and Milford sites. The photographs will be included in the prototype drilling Summary Report, scheduled for completion on December 20, 1989.

C. Quality Assurance

The surveillance report for the recent surveillance of the Sandia Primary Standards Laboratory was transmitted to the Yucca Mountain Project Office (Project Office) for signature and distribution.

D. Exploratory Shaft Facility (ESF)

The ESF Subsystem Design Requirements Document (SDRD) for Title II Design was submitted to the Configuration Management Department for preparation of a Change Request to be submitted to the Change Control Board (CCB). Upon approval by the CCB, this version of the ESF SDRD will be issued as Revision 1, replacing Revision 0.

Staff are reviewing a Fenix & Scisson of Nevada technical report entitled "Exploratory Shaft Facility Concepts and General Design." The report will be presented at the 1990 international conference on High Level Radioactive Waste Management.

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E. Long Range Planning and Project Planning and Control System

The evaluation of detail schedule requirements are in process.

F. Environmental Permitting

Environmental staff attended an environmental planning meeting with DOE/HQ representatives in Albuquerque, New Mexico. Topics discussed included environmental field programs and regulatory compliance activities.

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

The formal full-board meeting with the NWTIRB was held on December 11-12, 1989, in Denver, Colorado. The meeting agenda included presentations by Project participants on fracture flow, radionuclide gas releases, the measurement of unsaturated zone hydrologic properties, and an overview of the effects of repository development.

II. Significant Accomplishments/Information Items

A second dry run was held this week in Las Vegas for the upcoming technical exchange on the NRC's draft seismic hazards technical position. Based on comments received, revised viewgraphs were prepared and transmitted to the DOE/HQ for review. The technical exchange is scheduled for December 19-20, 1989, in Rockville, Maryland.

Project institutional staff continued developing exhibits for the Clark County Yucca Mountain Information Office. Staff also attended the DOE/HQ Institutional and Information Services meeting in Washington, D.C.

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>
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A. Coordinating Group Meetings

None.

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B. HQ Meetings

Wednesday, January 17	Program Management meeting	Las Vegas, NV	C. Gertz, Project Office
Thursday, February 22	Program Management meeting	Washington, DC	C. Gertz, Project Office

C. Internal Project and DOE/NV meetings

None.

D. State and Public Interactions

Monday, December 18	Bureau of Land Management (BLM) Land Withdrawal Public Meetings (P)	Reno, NV	A. Robison, Project Office
Tuesday, December 19	BLM Land Withdrawal Public Meetings (P)	Henderson, 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>
None.			

F. NRC Interactions

Tuesday- Wednesday, December 19-20	Draft Technical Position on Seismic Hazards	Rockville, MD	D. Dobson, Project Office
Tuesday, January 9	Technical exchange on Data Management	Rockville, MD	R. Barton, Project Office

G. Other

Thursday,  
January 18

NWTRB Waste Package  
and Corrosion Panel

Livermore,  
CA

M. Cloninger,  
Project  
Office



Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:DLH-1204