



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

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TO: Joseph Holonich, Acting Director, HLPD, M/S 4 H 3

FROM: Paul T. Prestholt and John W. Gilray  
Sr. On-Site Licensing Representatives

DATE: April 23, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the week of April 5, 1991.

There is nothing requiring specific management attention in this report.

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cc w/encs.: King Stablein, M/S 4 H 3  
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Dean Kunihiro, Region 5

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Department of Energy  
Yucca Mountain Site Characterization  
Project Office  
P. O. Box 98608  
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WBS 1.2.9  
QA: N/A

APR 10 1991

John W. Bartlett, Director, Civilian Radioactive Waste Management,  
HQ (RW-1) FORS

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
APRIL 5, 1991

I. CRITICAL ITEM STATUS - YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT  
(YMP)

A. Site Characterization Planning

Exploratory Studies Facility (ESF)

The Repository Design Requirements, the ESF Design Requirements, and the Site Characterization Planning Baseline Documents were placed under Yucca Mountain Site Characterization Project Office (YMPO) change control on March 29, 1991.

ESF Task Force Activities

Carl Gertz presented the monthly status report of ESF Task Force Activities to John Bartlett on April 5, 1991, in Denver, Colorado.

The Office of Civilian Radioactive Waste Management's Milestones (M/S) scheduled for completion through the end of May 1991 are on track except as indicated below:

- M/S R0: "Plan for the Resolution of U.S. Nuclear Regulatory Commission (NRC) Site Characterization Analysis Design Control Objection." Input will be provided to the Office of Systems Compliance on April 12, 1991.
- M/S H2A: "Plan for Revision of Current Document Hierarchy and Transition to the New Document Hierarchy." This M/S is considered incomplete.
- The additional combined M/S E3/V0/R1, "Issuance of Existing ESF Requirements Documents as Controlled Documents for Design Study Use," was completed on time.

Site Characterization Plan (SCP) Progress Report

The final draft of the third semiannual "Progress Report on Site Characterization: Yucca Mountain, Nevada" (PR 3) has been signed in the office of Under Secretary of Energy John Tuck. A camera-ready copy of PR 3 is being prepared for submittal for printing.

SCP Comments

Work continued on response development and review for the State of Nevada's September 1989 SCP comment package.

SCP Study Plan Status

The completed comment forms for the U.S. Department of Energy/Headquarters (DOE/HQ) review of Study Plan 8.3.1.2.2.6, "Characterization of Gas-Phase Movement in the Unsaturated Zone," were received, signed, and returned to DOE/HQ. Approval of this study plan can take place when the Quality Assurance (QA) Tracking and Signoff Sheet is received from DOE/HQ.

## STUDY PLAN BREAKDOWN

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In Revision After Screening Review . . . . .	1
In YMPO and HQ Review . . . . .	12
Awaiting Comment Resolution Meeting . . . . .	14
Awaiting Author Revision . . . . .	8
In YMPO/HQ Verification Audit . . . . .	2
Verification Complete-Awaiting HQ Sign-off . . . . .	2
Awaiting YMPO Approval . . . . .	1
Approved and Awaiting Transmittal to the NRC . . . . .	3
NRC Acceptance Review . . . . .	17
NRC Acceptance . . . . .	4
Total . . . . .	64

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Review of DOE-Approved Study Plans

No significant new items to report.

Early Site Suitability Evaluation

Core Team members continued progress toward completing guideline evaluations.

Site Suitability and Testing Support was a topic on the agenda of the Performance Assessment Review Meeting held in Las Vegas, Nevada, on April 2-3, 1991. A broad spectrum of information was presented to familiarize the audience with the subject and with the potential applications of performance assessment.

B. Environmental Programs

Environmental Compliance and Permitting

No new items this week.

Environmental Field Programs

Consultations continued with the Advisory Council on Historic Preservation.

Archaeological short reports were compiled for surface water monitoring stations and volcanism studies.

C. Field Operations

The YMP Site Manager, at his staff meeting on March 28, 1991, designated personnel and the roles they will be playing for the forthcoming YMP Open House and Site Tour on April 20, 1991. The roles include bus coordinators at the YMP Information Office located at Meadows Lane, Las Vegas, Nevada, gate monitor for Gate 510, traffic controllers, crowd control monitors, Field Operations Center controllers, van drivers, and the Site Manager's participation in the briefing on Midway Valley.

Pursuant to an extensive meeting held with representatives of Raytheon Services Nevada (RSN) and the DOE/Nevada Test Site Office on March 25, 1991, regarding the power distribution system for Area 25, the Site Manager reprogrammed funding in the amount of \$71,000 to Work Breakdown Structure 1.2.7.4 for RSN to provide a load flow study. This is to determine the impact of the YMP electrical loads on the Nevada Test Site power transmission system. RSN will submit recommendations on how to upgrade the system to meet the needs for the ESF. The study will be presented to the Site Manager on or before May 22, 1991.

D. Project Planning and Control

Completed input of participant Performance Measurement Baseline data through calendar year 2001.

Initiated input of participant Work Authorization System (WAS) inputs into a new Planning and Control System WAS module. The data will be used for development of the YMP WAS.

E. Quality Assurance (QA) Implementation

A QA Workshop on Grading was conducted with representatives from YMP participant organizations on April 2-3, 1991. Observers from the NRC and the State of Nevada attended the workshop.

F. Major Oversight Group Meetings

No major oversight group meetings this week.

G. Public Outreach Activities

A public presentation was made at the Community Lutheran Church in Las Vegas, Nevada, on April 3, 1991.

YMPO staff finalized talking points and briefing materials for a YMPO presentation to the American Nuclear Society in Tucson, Arizona, held April 4, 1991, and to the U.S. Counsel for Energy Awareness Info '91 Conference on April 15-17, 1991.

Arrangements are continuing to staff the YMPO exhibit at the Clark County Fair, scheduled for April 11-14, 1991, in Logandale, Nevada.

H. Near Term Decision Plan

No significant change in milestone status from the last Program Management Meeting.

I. Management System Improvement Strategy

No significant new items this week.

II. ANALYSIS & VERIFICATION DIVISION

Participated in a Performance Assessment Midyear Review Meeting, which was held on April 2-3, 1991, in Las Vegas, Nevada.

Participated in the third Strategic Principles Workshop, which was held on April 3-4, 1991, in Denver, Colorado.

Participated in the Program Management Meeting and discussion of activities related to the ESF design process, which was held on April 5, 1991, in Denver, Colorado.

Initiated review of draft responses to State of Nevada comments on the SCP.

### III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The YMP Site Manager provided support to two Congressional staff visits to the Yucca Mountain Site; one for U.S. Congressman John Rhodes III of Arizona on April 1, 1991, and another for Deputy Secretary of Energy W. Henson Moore on April 3, 1991.

YMPO staff finalized arrangement for the Edison Electric Institute (EEI) tour of Yucca Mountain on April 9, 1991, and EEI Conference, scheduled for April 10-11, 1991.

### IV. UPCOMING EVENTS CALENDAR

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

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>A. <u>DOE/HQ Meetings</u></b>			
Wednesday- Thursday, April 3-4	Strategic Principles Workshop	Denver, CO	C. Gertz
Friday, April 5	Program Management Meeting	Denver, CO	C. Gertz
<b>B. <u>Internal and DOE/NV Meetings</u></b>			
Thursday, May 9	Planning & Budget Meeting	Las Vegas, NV	C. Gertz
Friday, May 10	TPO Meeting	Las Vegas, NV	C. Gertz
<b>C. <u>NRC Interactions</u></b>			
POSTPONED	NRC Thermal Loading and Repository Design Staff Technical Position TE	Rockville, MD	A. Simmons
Thursday, April 25	NRC Bimonthly QA Meeting	Rockville, MD	A. Simmons
Wednesday, May 15	WIPP Roundtable Dry Run	Albuquerque, NM	A. Simmons
Wednesday, June 12	WIPP Roundtable Discussion	Washington, DC	A. Simmons

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>D. <u>NWTRB Interactions (P)</u></b>			
Tuesday- Thursday, April 16-18	NWTRB Full Board Meeting	Reno, NV	A. Simmons
Monday- Tuesday, May 20-21	Risk & Performance Assessment Panel Meeting	Arlington, VA	A. Simmons
Tuesday- Thursday, June 18-20	NWTRB EBS Workshop	Denver, CO	D. Harrison- Giesler
Tuesday- Thursday, June 25-27	Joint SG&G/HG&G Meeting on Testing Review	West Coast Site	TBD
Tuesday- Thursday, July 16-18	NWTRB Full Board Meeting	Arlington, VA	A. Simmons
Wednesday- Thursday, September 4-5	Seismic Risk	Salt Lake Cty, UT	A. Simmons
Wednesday- Thursday, September 18-19	Borehole Sealing and Backfill	Albuquerque, NM	A. Simmons
Tuesday- Thursday, October 8-10	NWTRB Full Board Meeting	Las Vegas, NV	A. Simmons
Tuesday- Wednesday, November 12-13	Site Suitability ESF Design Review	TBD	A. Simmons
<b>E. <u>State and Public Interactions (P)</u></b>			
Thursday, April 4	American Nuclear Society	Tucson, AZ	A. Robison
Tuesday, April 16	Tunnels '91	Golden, CO	C. Gertz
Saturday, April 20	Open House Tour	Las Vegas, NV	C. Gertz

John W. Bartlett

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
E. <u>State and Public Interactions (P) (continued)</u>			
Sunday- Wednesday, April 28-May 1	'91 High Level Radioactive Waste Mgmt. Conference	Las Vegas, NV	C. Gertz
Friday, May 10	Open House Tour	Las Vegas, NV	C. Gertz
Tuesday- Thursday, June 18-20	DOE EBS Workshop	Denver, CO	C. Gertz/ M. Cloninger



Carl P. Gertz  
Project Manager

YMP:DLH-3159

CC:

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 S. J. Brocoum, HQ (RW-22) FORS  
 B. A. Cerny, HQ (RW-14) FORS  
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