



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

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

DATE: May 6, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the week of April 12, 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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Yucca Mountain Site Characterization
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WBS 1.2.9
QA: N/A

APR 18 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
APRIL 12, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Office of Civilian Radioactive Waste Management (OCRWM) Milestones (M/S) scheduled for completion through the end of May 1991 are on track except as previously reported. No new M/S have been completed.

Status copies of the ESF Events Logic and Time-Phased Logic flow diagrams were provided to the Deputy Director, OCRWM, during the April 5, 1991, meeting in Denver, Colorado.

Site Characterization Plan (SCP) Progress Report

Following concurrence of the final draft of the third semiannual "Site Characterization Progress Report: Yucca Mountain, Nevada" (PR 3) by Under Secretary of Energy John Tuck, a camera-ready copy was sent to the Office of Scientific and Technical Information (OSTI) at Oak Ridge, Tennessee, for printing on April 9, 1991. A bulk shipment will be sent to the Yucca Mountain Site Characterization Project Office (YMPO) for primary distribution from Las Vegas, Nevada. OSTI will also send 400 copies to Washington, D.C., for internal OCRWM use (to be sent to RW-43).

SCP Comments

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

SCP Study Plan Status

Documentation was received from the U.S. Department of Energy/Headquarters (DOE/HQ) that the revised text of Study Plan 8.3.1.3.2.2, "History of Mineral and Geochemical Alteration of Yucca Mountain," satisfactorily addressed DOE/HQ comments on the Study Plan. Verification of YMPO comments is pending the completion of the comment forms by the author to indicate the actual disposition of comments.

STUDY PLAN BREAKDOWN

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 U.S. Nuclear Regulatory Commission (NRC)	3
NRC Acceptance Review	17
NRC Acceptance	4
Total	64

Review of DOE-Approved Study Plans

No significant new items this week.

Early Site Suitability Evaluation (ESSE)

Core Team members continued progress toward completing guideline evaluations.

Meetings were held by the subgroups on method and performance assessment.

B. Environmental Programs

Environmental Compliance and Permitting

The water appropriation permit application was resubmitted to the Nevada State Engineer for processing. The National Park Service withdrew their protest of the application.

Environmental Field Programs

Storage facilities for seed and plant materials necessary for the reclamation studies and implementation program were evaluated.

C. Field Operations

The Site Manager, at his staff meeting on April 4, 1991, finalized all details and preparation for the YMP Open House and Site Tour scheduled for April 20, 1991. The only significant change is the feeding process: a buffet serving line will be utilized and will be manned and operated by Reynolds Electrical & Engineering Co., Inc., food service personnel.

Tours were conducted for the Civil and Environmental Engineering Group from the University of Nevada, Las Vegas, Nevada, and the Transportation Studies Group on April 11, 1991.

The Site Manager will change out and increase the light-duty vehicle fleet in Las Vegas, Nevada, and will replace some existing vans with three new rentals.

D. Project Planning and Control

The May 1991 Approved Funding Program (AFP) request was submitted on time to DOE/HQ. All beginning uncosted balances, with the exception of those requiring contract modification, have been resolved with the respective DOE operative offices and are reflected in this AFP request.

The draft copy of the Work Authorization System was produced and is in final review.

The Planning and Control System database has been updated to include all current participant Performance Measurement Baseline (PMB) inputs. Work Authorization formats (WKA-01), Planning and Scheduling Account Plans (PSA-01); and Summary Account Plans (SAS-01) have been produced. Products were distributed to participants with instructions to obtain a Technical Project Officer's signature on WKA-01 and to review PMB data for corrections prior to baselining of the PMB. Inputs are due by April 26, 1991.

E. Quality Assurance (QA) Implementation

YMPO QA conducted surveillance LL01 on April 8-12, 1991, at Lawrence Livermore National Laboratory (LLNL). The surveillance team reviewed the implementation of criteria 2, 4, 7 and 18.

The Yucca Mountain Quality Assurance Division held an Organizational Development Workshop on April 12, 1991. The workshop was attended by both DOE/HQ and DOE staff members.

F. Major Oversight Group Meetings

No significant oversight group meetings this week.

G. Public Outreach Activities

YMPO staff prepared briefing materials and handled the following tours of Yucca Mountain and Area 25:

- Edison Electric Institute: April 9, 1991
- Transportation Task Force: April 11, 1991

Presentations were finalized for Info '91, being sponsored by the U.S. Council on Energy Awareness, and scheduled to be held on April 14-17, 1991, in Chicago, Illinois.

The Institutional and External Affairs plan was finalized for submittal to YMPO.

A YMPO exhibit was staffed at the Clark County Fair, which was held April 11-14, 1991, in Logandale, Nevada.

YMPO staff is preparing and coordinating a tour for Cable Network News representatives on April 12, 1991.

H. Near Term Decision Plan

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

I. Management System Improvement Strategy (MSIS)

YMP support for MSIS included the following:

- The project Physical Core Team participated in an ESF functional analysis working session in Las Vegas, Nevada.
- The Programmatic Team participated in a working session in Washington, D.C.

II. ANALYSIS & VERIFICATION DIVISION

Participated in a General Methodology Subgroup Meeting of the ESSE Task on April 9, 1991, and the Performance Assessment Subgroup Meeting of the ESSE on April 10, 1991, both in Las Vegas, Nevada.

Participated in the Edison Electric Institute (EEI) Meeting and briefing on the Yucca Mountain site on April 8-12, 1991, in Las Vegas, Nevada.

Participated in the physical system functional analysis, "ESF Mission Analysis," on April 8-11, 1991, in Las Vegas, Nevada.

Attended a meeting of the Waste Vitrification Projects Working Group for Waste Acceptance on April 9, 1991, and the Vitrification Projects Branch, Technology Development Program Reviews, on April 10-11, 1991, both in Germantown, Maryland.

Briefed DOE/HQ management on results of a dry-run meeting for the Nuclear Waste Technical Review Board (NWTIRB) Meeting to be held on April 16-17, 1991, in Reno, Nevada. The meeting will focus on the use of natural analogue studies.

III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The EEI tour took place on April 9, 1991. There were approximately 37 personnel, including representatives of EEI and OCRWM. Yucca Mountain and facilities were toured, and briefings were presented by YMP personnel. The EEI Program Review was subsequently held on April 10-11, 1991, in Las Vegas, Nevada.

The Maintenance and Operations contractor completed a management orientation visit to LLNL.

YMP personnel participated in an orientation visit and tour of the "V-Mole" drilling operations currently in progress at Hoover Dam, Nevada. The V-Mole is drilling a 23-foot diameter shaft similar to the previous ESF concept for Yucca Mountain.

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>
A.		<u>DOE/HQ Meetings</u>		
		NONE		

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMFO Contact</u>
B. <u>Internal and DOE/NV Meetings</u>			
Thursday, May 9	Planning & Budget Meeting	Las Vegas, NV	C. Gertz
TBD	TPO Meeting	Las Vegas, NV	C. Gertz
C. <u>NRC Interactions</u>			
INDEFINITELY 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
D. <u>NWTRB Interactions (P)</u>			
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

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMFO Contact</u>
D. <u>NWTRB Interactions (P) (continued)</u>			
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
E. <u>State and Public Interactions (P)</u>			
Thursday, April 11	Las Vegas Leadership	Las Vegas, NV	B. Andrews
Tuesday, April 16	Tunnels '91 Colorado School of Mines	Golden, CO	C. Gertz
Wednesday, April 17	Info '91 Conference	Las Vegas, NV	A. Robison
Saturday, April 20	Open House Tour	Las Vegas, NV	C. Gertz
Thursday, April 25	University of Washington	Seattle, WA	M. Powell
Thursday, April 25	American Nuclear Society Meeting	Cleveland, OH	C. Gertz
Sunday- Wednesday, April 28-May 1	'91 High Level Radioactive Waste Mgmt. Conference	Las Vegas, NV	C. Gertz
Friday, May 3	Kenny Guinn Junior High Accelerated Science Classes	Las Vegas, NV	M. Foley
Friday, May 10	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)</u> (continued)			
Thursday, May 23	Las Vegas Rotary Club	Las Vegas, NV	A. Robison
Tuesday- Thursday, June 18-20	DOE EBS Workshop	Denver, CO	C. Gertz/ M. Cloninger

YMP:DLH-3272

Maxwell Brandt
 Carl P. Gertz
 Project Manager

cc:

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