



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: May 22, 1991
SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the week of May 10, 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
Harold R. Denton, M/S 17 F 2
Dean Kunihiro, Region 5

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 Yucca Mountain Site Characterization
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WBS 1.2.9
 QA: N/A

MAY 16 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
 MAY 10, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

The YMP Project Manager presented an ESF Activities Update at the May 1991 Office of Civilian Radioactive Waste Management (OCRWM) Program Review.

OCRWM Milestone (M/S) status: (See note)

The following milestones/activities have not been completed in accordance with their scheduled dates as outlined in the RW-1 letter of February 12, 1991, to RW-20 and RW-30:

MILESTONE	SCHEDULED DATE	EXPECTED DATE
ROA: Prepare plan for resolution of the Nuclear Regulatory Commission (NRC) Site Characterization Analysis Design Control Objection.	3/15/91	5/15/91
*H1: Issuance of a public document articulating the ESF Decision Process.	2/91	TBD
H2: Prepare transition plan from current document hierarchy to new document hierarchy Management System Improvement Strategy (MSIS).	3/15/91	TBD

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MILESTONE	SCHEDULED	EXPECTED
	DATE	DATE
H4: Letter transmittal to the NRC informing them of implementation of the Design Control Process by OCRWM.	3/31/91	5/24/91

Note: At this time none of the above M/S appear to have a specific impact on portal construction.

* Milestone completion erroneously reported 5/3/91.

STATUS OF ESF GENERAL ARRANGEMENT DRAWINGS
(Architect/Engineer Design Activities)

DELIVERABLE	NORTH AREA (81)*	SOUTH AREA (86)
Mock Up	81*	39
Computer-aided draft design (CADD)	40	8
Check	10	6
I-D Review	-	-
Quality Assurance (QA) Sign-Off	-	-

Mock Up: Sketched to a completed, free hand drawing, then delivered to CADD.

CADD: Computer-Aided Drawing and Design; produces finished drawing.

Interdisciplinary Review: In-house review to ensure all aspects of drawing are covered. Disciplines include Civil, Mechanical, Mining, Structural & Architectural, and Electrical Engineering.

* Changes in numbers reflect consolidation of two or more drawings into a single drawing.

Site Characterization Plan (SCP) Progress Report (PR)

Input is currently being received and compiled by the Yucca Mountain Site Characterization Project Office (YMPO) for PR 4 (reporting period October 1, 1990, to March 31, 1991). A draft for YMPO review is expected to be produced by May 13, 1991.

SCP Comments

A three-day Integration Group Meeting is being held this week in Las Vegas, Nevada, to continue review and revision of draft responses to comments in the State of Nevada's 1989 SCP comment package.

SCP Study Plan Status

A revised text in response to comments was received from the U.S. Geological Survey for Study Plan 8.3.1.17.3.1, "Relevant Earthquake Sources." The text was sent to reviewers to determine if they feel a comment resolution meeting is necessary or whether we can go directly to comment verification.

A comment resolution meeting was held (via telephone conference) for Study Plan 8.3.1.9.2.2, "Water Resource Assessment for Yucca Mountain, Nevada."

STUDY PLAN BREAKDOWN

In Revision After Screening Review	1
In YMPO and Headquarters (HQ) Review	11
Awaiting Comment Resolution Meeting	14
Awaiting Author Revision	9
In YMPO/HQ Verification Audit	2
Verification Complete-Awaiting HQ Sign-off	2
Awaiting YMPO Approval	0
Approved and Awaiting Transmittal to the NRC	4
NRC Acceptance Review	17
NRC Acceptance	4
Total	64

Review of DOE-Approved Study Plans

No new items this week.

Early Site Suitability Evaluation (ESSE)

The ESSE Status Briefing Package was presented to John Bartlett on May 9, 1991, in Washington, D.C., by Jean Younker, Science Applications International Corporation; Lawrence Rickertsen, Weston; and Bruce Judd, Decision Analysis, Inc. The package describes the general site suitability methodology developed by the ESSE Core Team members and fulfills a milestone in the "Technical and Management Support Services (T&MSS) Implementation Plan for Developing and Implementing a Method for Early Evaluation of Site Suitability." On May 6, 1991, the Core Team members delivered to Jean Younker the 10 CFR 960 guidelines evaluations that were assigned.

B. Environmental Programs

Environmental Compliance and Permitting

A response was prepared to the Nevada Division of Environmental Protection's letter regarding YMP's air quality permit application. The letter requested information on the amount of acreage to be disturbed each year, dust control methods, and reclamation.

C. Field Operations

The Site Manager and YMP staff supported the YMP Open House and Site Tour on May 10, 1991.

YMP tour support was also provided to the Independent Cost Estimating (ICE) group and the Clark County Nuclear Waste Division.

The Site Manager received a request from the Nevada Test Site Office (NTSO) for the return of Joy 1 and Joy 2 drill rigs to YMP, should there be a need for them. Action is underway to respond to NTSO.

A Sample Overview Committee Meeting was held on May 7, 1991.

D. Project Planning and Control

Input and rollup of participant data in the Planning and Control System was completed to formulate the fiscal year 1991 Performance Measurement Baseline.

E. Quality Assurance (QA) Implementation

The YMP Quality Assurance Committee Meeting was held on May 9, 1991, in Las Vegas, Nevada. The meeting was attended by the Director of the Office of Quality Assurance, Yucca Mountain Quality Assurance Division (YMQAD) staff, and all participant QA Managers. Topics of discussions and presentations included the following: QA Workshops, Grading Package Implementation, Quality Concerns Program, and Status of QA Program Document Revisions.

YMQAD Verification Group conducted surveillances on T&MSS and YMPO during the week of May 6-10, 1991. The surveillances were conducted to ensure compliance with the design control process. The scope of the YMPO Surveillance included management review of System Requirements, System Description, Repository Design Requirement, SCP Baseline, and Exploratory Studies Facility Design Requirement; Change Control; Training; and Records. T&MSS was surveilled on the preparation and review of the Environmental Requirement Compliance Plan, SCP, Flowdown to Appendix J, Training, and Records.

A surveillance at Sandia National Laboratories was conducted on May 6-10, 1991, to review the areas of QA, Corrective Action, and Audits. In addition, the surveillance team performed a corrective action verification on previously identified deficiencies.

YMQAD staff participated in the May 7, 1991, meeting of the Quality Integration Group at Lawrence Livermore National Laboratory. The group has been established to resolve scientific quality issues/concerns. This meeting was utilized to evaluate the possibility of rewriting Criterion 20. The next meeting of the group is scheduled for May 28-29, 1991, in Las Vegas, Nevada.

F. Major Oversight Group Meetings

No new items this week.

G. Public Outreach Activities

YMP public presentations were presented by YMPO on the following dates:

- Kenny Guinn Junior High School, May 3, 1991
- Community College of Southern Nevada (Henderson Campus), May 6, 1991
- Basic High School, May 7, 1991

H. Near Term Decision Plan

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

I. Management System Improvement Strategy

YMPO remains concerned that it has not received MSIS draft products in accordance with the schedule developed by the Office of Systems Compliance. A slip in the delivery dates of MSIS products could negatively impact the ICE and Energy Systems Acquisition Advisory Board reviews with subsequent delay in the resumption of ESF Title II.

II. ANALYSIS & VERIFICATION DIVISION

Participated in the Site Characterization Integration Group Meeting to review/revise draft responses to the State of Nevada's comments on the SCP on May 7-9, 1991, in Las Vegas, Nevada.

Participated in a meeting on perception-based impacts and the Socioeconomics Policies and Requirements Document on May 8, 1991, in Washington, D.C.

Participated in the workshop to begin drafting the Fourth Site Characterization Progress Report. A preliminary draft of Chapter 1 was completed on May 7-9, 1991, in Las Vegas, Nevada.

Participated in a meeting on May 9, 1991, in Washington, D.C., with Chris Henkel of Edison Electric Institute, to discuss applicability to OCRWM of lessons learned in the nuclear power industry.

Participated in the comment resolution telecon on May 9, 1991, for Study Plan 8.3.1.9.2.2.: Water Resource Assessment of Yucca Mountain, Nevada.

III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

No new items this week.

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>			
Thursday, May 9	Program Management Meeting	Washington, DC	C. Gertz

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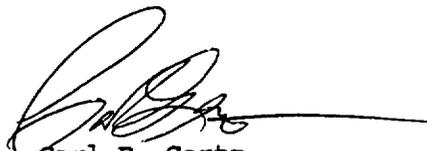
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
B. <u>Internal and DOE/NV Meetings</u>			
Friday, May 10	Planning & Budget Meeting	Las Vegas, NV	C. Gertz
Wednesday, May 15	NV Manager's Program Review	Las Vegas, NV	C. Gertz
Tuesday, May 21	TPO Meeting	Las Vegas, NV	C. Gertz
C. <u>NRC Interactions</u>			
TENTATIVE Thursday, May 30	NRC Interactions Scheduling Meeting	Rockville, MD	A. Simmons
D. <u>NWTRB Interactions (P)</u>			
Wednesday, May 15	WIPP Roundtable Dry Run	Albuquerque, NM	A. Simmons
Monday- Tuesday, May 20-21	Risk & Performance Assessment Panel Meeting	Arlington, VA	A. Simmons
Tuesday, June 11	WIPP Roundtable Discussion	Washington, DC	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	Denver, CO	A. Simmons
Monday- Tuesday, July 15-16	SG&G Panel Meeting on ESF Design Review Update	TBD	TBD
Tuesday- Thursday, July 16-18	NWTRB Full Board Meeting	Arlington, VA	A. Simmons

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NWTRB Interactions (P)</u> (continued)			
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>			
Monday, May 6	Clark High School	Las Vegas, NV	A. Robison
Tuesday, May 7	Basic High School	Las Vegas, NV	M. Foley
Wednesday, May 8	Bishop Gorman High School	Las Vegas, NV	J. Calovini
Wednesday, May 8	CCSN-Henderson Campus Geology Classes	Henderson, NV	A. Gil
Thursday, May 9	Community College of Southern Nevada	Las Vegas, NV	A. Robison
Friday, May 10	Open House Tour	Las Vegas, NV	C. Gertz
Monday, May 13	Braggin' Rock Club	Black Canyon City, AZ	A. Gil
Tuesday, May 14	National Assoc. of Accountants	Las Vegas, NV	Various
Wednesday, May 15	Faye Herron Elementary School	Las Vegas, NV	E. Harle

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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 16	U.S. Council for Energy Awareness	Washington, DC	C. Gertz
Thursday, May 16	Beatty Information Office—ABC's of Radiation	Beatty, NV	C. McKnight
Monday, May 20	Project Update Meeting	Pahrump, NV	C. Gertz
Tuesday, May 21	Project Update Meeting	Las Vegas, NV	C. Gertz
Thursday, May 23	Project Update Meeting	Reno, NV	C. Gertz
Thursday, May 23	Las Vegas Rotary Club	Las Vegas, NV	A. Robison
Thursday, May 23	MENSA	Las Vegas, NV	A. Robison
Wednesday, May 29	Burkholder Junior High School	Henderson, NV	G. Fasano
Wednesday, June 5	ANS '91 Annual Meeting	Orlando, FL	C. Gertz
Saturday, June 8	Open House Tour	Las Vegas, NV	C. Gertz



Carl P. Gertz
Project Manager

YMP:DLH-3712

cc:

H. H. Brandt, HQ (RW-13) FORS
 J. C. Bresee, HQ (RW-10) FORS
 S. J. Brocoum, HQ (RW-22) FORS
 B. A. Cerny, HQ (RW-14) FORS
 M. A. Ferguson, HQ (RW-5) FORS
 Stephanie Hannah, HQ (PA-3) FORS