



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

Reply to:  
1050 E. Flamingo Rd., #319  
Las Vegas, NV 89119  
Tel: (702) 388-6125  
FTS: 598-6125

TO: John J. Linehan, Director, HLPD, Division of High-Level  
Waste Management, M/S 4 H 3

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

DATE: December 21, 1990

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the weeks ending December 7, 1990, and December 14, 1990.

There is nothing requiring specific management attention in these reports. (A note has been added on page 5 of the December 7 report and on page 1 of the December 14 report).

nan

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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PDR WASTE PDR  
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## Department of Energy

Yucca Mountain Project Office

P. O. Box 98608

Las Vegas, NV 89193-8608

WBS 1.2.9

QA: N/A

DEC 18 1990

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
DECEMBER 14, 1990

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

#### A. Site Characterization Planning

##### Midway Valley Trenching

Revision 3.01 of the Midway Valley/Calcite-Silica Activities time-phased Logic Network shows plus one day float for the initiation of trenching in January 1991. Many activities are at or near the critical path.

The Readiness Review for Midway Valley activities will take place December 18-20, 1990, at the Yucca Mountain Site Characterization Project Office (YMPO). *This review is completed - King Stablen has details.*

A draft of Job Package 91-1, Midway Valley Trenching, was transmitted to the division directors and affected Technical Project Officers (TPOs) last week.

Raytheon Service Nevada (RSN) has forwarded to the YMPO a letter of transmittal for Revision 2 to the Engineering Plan.

RSN has begun preparation of drawings and specifications for the deepening of Trench 14.

##### Site Characterization Plan (SCP) Progress Report

All review comments and input have been received for the draft version of the third Semiannual Progress Report (SPR 3) except for some editorial items. Final revision of the draft SPR 3 is currently under way, and the "final" draft SPR 3 should be available for the YMPO review by December 16, 1990.

SCP Comments

All SCP and Study Plan comment response packages identified in the previous weekly highlights letter are now in the YMPO for concurrence. An Integration Group Meeting is scheduled for January 29-31, 1991, in Las Vegas, Nevada, to review draft responses to the Nuclear Waste Technical Review Board's 20 recommendations contained in their Second Report to the U.S. Congress, and to continue response preparation for the State of Nevada's September 1989 comment package on the SCP.

SCP Study Plan Status

The records packages for Study Plan 8.3.1.17.4.6 "Quaternary Faulting Within the Site Area," and Study Plan 8.3.1.17.4.10 "Geodetic Leveling," were completed and submitted to the Regulatory & Site Evaluation Division (RSED) director for YMPO approval.

A minor revision (Revision 1) to Study Plan 8.3.1.17.4.2 "Study Plan for Evaluating the Location and Recency of Faulting Near Prospective Surface Facilities" was evaluated and submitted to the RSED director for YMPO approval.

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STUDY PLAN BREAKDOWN

In Revision After Screening Review . . . . .	1
In YMPO and Headquarters (HQ) Review . . . . .	16
Awaiting Comment Resolution Meeting . . . . .	8
Awaiting Author Revision . . . . .	7
In YMPO/HQ Verification Audit. . . . .	6
Verification Complete-Awaiting HQ Sign-off . . . . .	0
Awaiting YMPO Approval . . . . .	5
Approved and Awaiting Transmittal to U.S. Nuclear Regulatory Commission (NRC) . . . . .	3
NRC Acceptance Review . . . . .	10
NRC Acceptance . . . . .	4
Total . . . . .	60

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Exploratory Shaft Facility (ESF) Alternatives and Calico Hills Risk Benefit Assessment

John Bartlett, Director, Civilian Radioactive Waste Management, (OCRWM) received an information briefing on the progress of the Sandia National Laboratories (SNL) Report on the ESF Alternatives Study.

A draft schedule with milestones for the construction initiation on the ESF has been issued.

The sensitivity analysis on the ranked ESF alternatives has been completed.

#### Testing Prioritization Task

An Assessment Panel Meeting was conducted in Palo Alto, California, December 11-13, 1990. The purpose of the meeting was to evaluate combinations of tests and the accuracy of these tests related to the top-ranked Potentially Adverse Conditions that have been evaluated in other meetings.

### B. Environmental and Transportation Programs

#### Environmental Field Programs

Small mammal trapping commenced on five of the eight ecological study plots. This data will be used to determine the effects of site characterization on terrestrial ecosystems.

The scope of work for the U.S. Environmental Protection Agency to support radiological studies was finalized.

An archaeological pre-activity survey was conducted by the Desert Research Institute.

#### Environmental Compliance and Permitting

The training program for the project Hazardous Material Coordinators (HMC) was completed this week. Each project participant has named an HMC to work with the YMPO to coordinate the identification and disposal of regulated materials and hazardous wastes, as required by the Resource Conservation and Recovery Act.

#### Transportation

Project staff attended the OCRWM/HQ-sponsored Transportation Coordination Group public meeting in Albuquerque, New Mexico, December 3-4, 1990. A presentation on the status of the Yucca Mountain, Nevada, transportation program was given.

Project staff attended the Transportation Institutional Task Force (a U.S. Department of Energy [DOE] coordination group) Meeting on December 5, 1990, in New Orleans, Louisiana. It was agreed that transportation issues would be reviewed from a total or DOE-wide perspective.

### C. Field Operations

Field Operations support staff continued the mobilization of light-duty vehicles from the Nevada Test Site (NTS) Fleet Operations Department to the Yucca Mountain Site Office (YMSO) for establishment of the YMP Motor Pool in readiness preparation for the forthcoming Midway Valley field activities. To date, 31 of the 46 vehicles have been "staged" at the YMSO. All of the required vehicles will be in place at the YMSO by the end of the month.

Field work continues on Job Package 90-1, Borehole Remedial Work. The Reynolds Electrical & Engineering Co., Inc. (REECo) drill rig crew and other personnel continue work at station USW H-3, with the Ideco H-37 rig.

The Site Manager received the cost estimate from REECo for activating field work in accordance with Job Package 91-1, Midway Valley Trenching, and maintaining these activities on a standby status for a two-week period in January 1991.

The Field Training Coordinator took the "on-site training scenario" on the road to SNL, Albuquerque, New Mexico, and to the U.S. Geological Survey, Denver, Colorado. Two-day training sessions were conducted on several subject matters, i.e., YMP/NTS Orientation, NTS Security, Badging and Site Access Requirements, Safety and Health Concerns, and Environmental Awareness.

### D. Project Planning and Control

A participant Planning and Control Systems (PACS) data base was established for RSN. This extensive effort involved the closing out of Fenix and Scisson of Nevada (FSN) and Holmes & Narver, Inc., (H&N) accounts through November 4, 1990, and the development of RSN accounts effective November 5, 1990. FSN and H&N accounts remaining in the Fiscal Year (FY) 1991 Performance Measurement Baseline will be those having actuals reported for the month of October 1990.

The transfer of FY 1990 PACS data from the active data base into an inactive file was completed. All PACS data is now effective with FY 1991 data.

The Variance Analysis Report (VAR) Threshold Maintenance and VAR Reporting Software was received from the Information Systems Division. Formal acceptance testing was initiated per SP 1.45 Software Management. Plans are for testing to be complete and software to be in place by December 14, 1990.

Initial project organization structure hierarchy was developed for use in automating the Cost Performance Report-Format 2. This will allow the creation of budget summaries for the YMPO division directors and will become available in the December 1990 PACS status reports prepared in January 1991.

A formal PACS flow diagram was developed to support the upcoming presentation to the Inspector General. This diagram will be incorporated into the next revision of the PACS Description (YMP/90-35).

E. Quality Assurance (QA) Implementation

On December 10, 1990, the Office of Quality Assurance (OQA) sent a letter to the NRC indicating acceptance of the DOE QA Program.

The OQA held a surveillance at SNL December 10-14, 1990. The surveillance was held to review Criteria 7, 15, and 17.

The surveillance team conducted surveillance activities at the Los Alamos National Laboratory following activities at SNL. The surveillance was conducted to verify corrective action on Standard Deficiency Reports.

A surveillance of RSN was held the week of December 10-14, 1990. The surveillance was conducted to review Criterion 19.

F. Major Oversight Group Meetings

No Major Oversight Group Meetings were held this week.

G. Public Outreach Activities

The Las Vegas Yucca Mountain Information Office hosted a tour for 78 science and math students from Fort Valley State College, Fort Valley, Georgia, on December 10, 1990.

Presentations were made to the Inyo County commissioners and to citizens at Furnace Creek, California, on December 13, 1990.

Presentations were made to Valley High School and Western High School in Las Vegas, Nevada, on December 10, 1990.

H. Near-Term Decision Plan

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

## II. ANALYSIS & VERIFICATION DIVISION

Participated with Project Manager and staff in a meeting and presentations to John Bartlett concerning the ESF Alternatives Study acceptance review and RW-1 management options at DOE/HQ on December 12, 1990.

During the 26th ACNW Meeting December 12-13, 1990, in Bethesda, Maryland, NRC staff plans for Study Plan and Progress Report review, and review comments on five Study Plans were presented.

Participated in a Functional Analysis of site suitability for the Programmatic System in Washington, D.C., December 12-14, 1990.

Response to congressional inquiry concerning potential use of deep-drawn fabrication techniques for waste disposal and the status of alternative waste package design concepts studies was completed.

## III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

YMPO personnel participated in the functional analysis of the programmatic function "Provide Suitable Sites" which was held in Washington, D.C., December 11-14, 1990.

The Waste Acceptance Preliminary Specification for High-Level Waste Glass has been finalized and transmitted to each reviewer for review and verification.

The closeout of the Babcock and Wilcox subcontract with Lawrence Livermore National Laboratory (LLNL) on waste package fabrication and closure studies has been completed. A final audit has been conducted and files have been forwarded to LLNL.

YMPO support for Management System Improvement Strategy included the following:

- A. The Programmatic Functional Analysis "core" team met in Hanford, Washington, to complete descriptions, flow diagrams, and requirements to the areas of "Provide Systems Engineering" and "Design Systems."
- B. The Physical System Functional Analysis "core" team met in Washington, D.C. Descriptions were written and approved covering "Operations of a Geologic Repository," "Closing A Repository," and "Waste Isolation." These activities adhered to the nine major federal laws governing these functions.

John W. Bartlett

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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>			
Thursday December 20	High-Level Waste Glass Briefing for Dr. John Matuszek	Washington, DC	M. Cloninger, YMPO
Wednesday January 30, 1991	Program Management Meeting	Washington, DC	C. Gertz, YMPO
<b>B. <u>Internal Project and DOE/NV Meetings</u></b>			
Thursday January 10, 1991	Planning & Budget Meeting	Las Vegas, NV	C. Gertz, YMPO
Friday January 11, 1991	TPO Meeting	Las Vegas, NV	C. Gertz, YMPO
<b>C. <u>State and Public Interactions (P)</u></b>			
Thursday December 20	Nevada Title Association	Las Vegas, NV	J. King YMPO/SAIC
Wednesday January 9, 1991	Daughters of the American Revolution	Las Vegas, NV	C. Gertz, YMPO
Thursday February 7, 1991	Disabled American Veterans	Las Vegas, NV	C. Gertz, YMPO
Friday February 8, 1991	Chamber of Commerce	Las Vegas, NV	C. Gertz, YMPO
Tuesday April 16, 1991	Tunnels '91	Golden, CO	C. Gertz, YMPO

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John W. Bartlett

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>D. <u>NRC Interactions</u></b>			
Tuesday January 15, 1991	NRC Bimonthly QA Meeting	Rockville, MD	D. Horton, YMPO
<b>E. <u>NWTRB Interactions (P)</u></b>			
Tuesday- Thursday January 15-17, 1991	NWTRB Full Board Meeting	Washington, DC	A. Simmons, YMPO
Tuesday- Thursday April 16-18, 1991	NWTRB Full Board Meeting	Reno, NV	A. Simmons, YMPO
Tuesday- Thursday July 16-18, 1991	NWTRB Full Board Meeting	Arlington, VA	A. Simmons, YMPO
Tuesday- Thursday October 8-10, 1991	NWTRB Full Board Meeting	TBD	A. Simmons, YMPO

*Maxwell Blawie*  
for Carl P. Gertz, Project Manager  
Yucca Mountain Site Characterization  
Project Office

YMP:DLH-1246



## Department of Energy

Yucca Mountain Project Office

P. O. Box 98608

Las Vegas, NV 89193-8608

DEC 13 1990

WBS 1.2.9

QA: N/A

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
DECEMBER 7, 1990

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

#### A. Site Characterization Planning

##### Midway Valley Trenching

Revision 2.06 of the Midway Valley/Calcite-Silica time-phased Logic Network shows plus three days float for the initiation of trenching in January 1990. The critical path includes completion of the Compilation of Existing Data report by Sandia National Laboratories (SNL) and the Readiness Review.

A Revision 3 of the Network reflecting the December 18-20, 1990, schedule for the Midway Valley Readiness Review is being prepared.

A Quality Assurance (QA) Surveillance was conducted on the Yucca Mountain Site Characterization Project Office (YMPO) activities regarding the Technical Requirements for the YMP (Midway Valley/Calcite-Silica Activities). No discrepancies were noted.

Raytheon Services Nevada (RSN) forwarded to the YMPO a letter of transmittal for Revision 1 to the engineering plan.

The management review of the final drawings and specifications for Trenches A and A' has been completed. All comments have been reviewed and resolved.

RSN initiated the preparation of drawings and specifications for the deepening of Trench 14.

##### Site Characterization Plan (SCP) Progress Report

The second Semiannual Progress Report (SPR 2) has received the Office of Civilian Radioactive Waste Management and U.S. Department of Energy/Headquarters (DOE/HQ) concurrence, and was sent to the printer on November 27, 1990.

The initial draft of the third Semiannual Progress Report (SPR 3) is currently undergoing DOE/HQ and project review. Most of the expected input has already been received and is currently being incorporated into the revised draft. Submission of all additional input from reviewers is anticipated by December 6, 1990.

SCP Comments

Final text edits are being incorporated by the Office of Geologic Disposal (OGD) staff into nine SCP comment response packages and two Study Plan comment response packages. As of December 3, 1990, five of these packages were in OGD concurrence to the Associate Director. A letter initiating response development to the 20 recommendations contained in the Nuclear Waste Technical Review Board's Second Report to the U.S. Congress will be sent out from OGD by the end of this week.

STATUS OF SCP COMMENT RESPONSE PACKAGES			
COMMENT PACKAGES ON STATUTORY SCP	STATUS	NUMBER COMMENTS	ANTICIPATE RELEASE
Reno Public Hearing	Released 8/1/90	234	-
Las Vegas Public Hearing	Released 8/1/90	150	-
Amargosa Public Hearing	Released 8/1/90	49	-
Public Written Comments	Completed	53 ltrs.	6-11/90
California Energy Commission	OGD concurrence	38	12/90
Lincoln County Board of Commissioners	OGD concurrence	6	12/90
U.S. Environmental Protection Agency	OGD concurrence	12	12/90
Edison Electric Institute	OGD concurrence	28	12/90
U.S. Department of Interior	OGD concurrence	35	12/90
NRC's Site Characterization Analysis	OGD concurrence	198	12/90
State of Nevada Letter on ESF	OGD concurrence	58	12/90
NV Midway Valley SCP Comments	PRG Review	49	12/90
NV Ca-Si SCP Comments	PRG Review	12	12/90
NV SCP Comments (main pkg.)	Responses in Prep.	1,917*	**5/91

\* Minus 61 Nevada Operations Office comments applicable to Midway Valley and Quaternary Regional Hydrology (Ca-Si) Study Plans.

\*\* Response effort to continue through mid-1991. Prior to completion of the whole package, comments pertaining to near-term site characterization work will be identified and responded work begins.

STUDY PLAN COMMENTS

COMMENTOR	STUDY PLAN	# COMMENTS	STATUS	ANTICIPATED RELEASE
Nevada	Midway Valley	3	Released 10/15/90	-
NRC	Midway Valley	16	PRG Review	12/90
NRC	Quat. Reg. Hydrology (AKA Ca-Si)	9	PRG Review	12/90

SCP Study Plan Status

Completed DOE/HQ Plan QA Tracking and Sign-off Sheets were received from DOE/HQ for Study Plan 8.3.1.2.1.3 "Characterization of the Regional Groundwater Flow System," Study Plan 8.3.1.2.2.1 "Characterization of Unsaturated Zone Infiltration," Study Plan 8.3.1.2.3.1.1-6 "Characterization of the Site Saturated Groundwater Flow System," Study Plan 8.3.1.2.2.3 "Characterization of Percolation in the Unsaturated Zone—Surface Based Study," Study Plan 8.3.1.17.4.6 "Quaternary Faulting Within the Site Area," and Study Plan 8.3.1.17.4.10 "Geodetic Leveling." The YMPO approval process can now begin for these Study Plans.

The comment resolution meeting for Study Plan 8.3.1.4.2.2 (Revision 1) "Characterization of Structural Features within the Site Area," scheduled for December 11, 1990, has been postponed.

STUDY PLAN BREAKDOWN

In Revision After Screening Review . . . . .	1
In YMPO and HQ Review . . . . .	16
Awaiting Comment Resolution Meeting . . . . .	8
Awaiting Author Revision . . . . .	7
In YMPO/HQ Verification Audit . . . . .	6
Verification Complete—Awaiting HQ Sign-off . . . . .	5
Approved and Awaiting Transmittal to U.S. Nuclear Regulatory Commission . . . . .	3
NRC Acceptance Review . . . . .	10
NRC Acceptance . . . . .	4
Total . . . . .	60

Exploratory Shaft Facility Alternatives and Calico Hills Risk Benefit Assessment

Testing Prioritization Task (TPT)

Final preparations were made for an Assessment Panel Meeting to be held on December 11-13, 1990, in Palo Alto, California. The meeting will be held to evaluate combinations of tests and the accuracy of these tests related to the top ranked Potentially Adverse Conditions that have been evaluated in other meetings.

A presentation was made at the Electric Power Research Institute/Edison Electric Institute (EPRI/EEI)/UWASTE High-Level Waste Performance Assessment Workshop December 4-6, 1990, in Washington, D.C.

Minutes of the Assessment Panel Meetings conducted from October 31-November 2, 1990, and November 28-29, 1990, were completed and distributed.

Revision 1 of the TPT Implementation Plan for in-house review was issued in accordance with Quality Management Procedure 06-04.

The TPT Grading Package RSE-016 was presented to the Quality Review Board. The Grading Report will be revised to address the Board's comments.

B. Environmental and Transportation Programs

Environmental Field Programs

The groundwater monitoring plan designed to meet National Park Service (NPS) concerns is being finalized. The NPS has agreed, in principle, that the monitoring network is acceptable to them.

Environmental Compliance and Permitting

Work continues on revision of the Floodplain/Wetlands Assessment in response to HQ comments. The assessment will satisfy the requirements of 10 CFR Part 1022, requiring DOE to protect floodplains and wetlands.

C. Field Operations

The field operations support staff commenced "staging" the first increment of light-duty vehicles from Reynolds Electrical & Engineering Co., Inc. (REECo), Fleet Operations Department, to the YMPO. Fifteen of the 46 vehicles were mobilized this week for the initial establishment of the YMPO Motor Pool in preparation for, and support to, the Midway Valley/Calcite-Silica field activities.

Work continues in the field on Job Package 90-1, Borehole Remedial Work. REECO and the drill rig IDECO 37 and crew continue in work progression and support to RSN.

The remaining Field Operating Instructions required to be in place prior to the start of Midway Valley/Calcite-Silica efforts are nearing completion for review by the Site Manager and other members of the YMPO staff.

The Sample Overview Committee (SOC) meeting was held at the Sample Management Facility on December 4, 1990. Existing requests for specimens that are approved by the SOC will be submitted to the director of the Regulatory & Site Evaluation Division for final approval (specimens were requested by U.S. Geological Survey [USGS], Los Alamos National Laboratory [Los Alamos], SNL, and Technical and Management Support Services [T&MSS]).

- D. Project Planning and Control *NRC has been asked to upgrade sample needs - no response has been received. PP* ★

The YMPO has developed funding targets and work scope at the fourth level of the Work Breakdown Structure.

- E. QA Implementation

Project participant representatives (technical project officers, QA managers and scientists) from SNL, Lawrence Livermore National Laboratory, Los Alamos, and USGS made a presentation to Carl Gertz, Project Manager, Maxwell Blanchard, Acting Deputy Project Officer, and Donald Horton, QA Division Director on December 6, 1990, in Las Vegas, Nevada. The presentation provided management with the results of the first QA Workshop. The issue at this workshop was the "lack of flexibility for scientific investigations within the existing QA Program." Results generated from this meeting will prescribe changes to the QA Program.

A Surveillance was performed at SNL December 3-4, 1990. The Surveillance team reviewed the preparation of YM/CM-0007 for initiation of Midway Valley trenching. No significant deficiencies were identified.

- F. Major Oversight Group Meetings

No major oversight group meetings were held this week.

- G. Public Outreach Activities

A tour of Yucca Mountain and a T&MSS technical staff briefing was arranged for Mark Burtschi of the American Nuclear Energy Council.

H. Near-Term Decision Plan

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

II. ANALYSIS & VERIFICATION DIVISION

The draft review of the third "Progress Report on the Site Characterization Program for the Yucca Mountain Site" was completed on December 6, 1990.

Attended the EPRI workshop on site suitability evaluation December 4-6, 1990, in Washington, D.C.

Participated in the Functional Analysis of the Mined Geologic Disposal System for the Physical (Operating) System on December 4-6, 1990, in Washington, D.C.

Attended the functional analysis requirements research effort meetings on December 4-6, 1990.

III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

Carl Gertz conducted a State of the Project Meeting with the USGS staff in Denver, Colorado, on December 7, 1990.

The Waste Acceptance Preliminary Specification for High-Level Waste Glass is being finalized for review verification.

The activity plan for dissolution testing of unirradiated uranium dioxide has been approved. Testing will commence upon completion of the readiness review.

The management review of the annotated outline for the Repository Plan has been completed. All comments have been reviewed and resolved.

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>			
Thursday, December 20	High-Level Waste Glass Briefing for Dr. John Matuszek	Washington, DC	M. Cloninger, YMPO

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
Wednesday, January 30, 1991	Program Management Meeting	Washington, DC	C. Gertz, YMPO
<b>B. <u>Internal Project and DOE/NV Meetings</u></b>			
Thursday, January 10, 1991	Planning & Budget Meeting	Las Vegas, NV	C. Gertz, YMPO
Friday, January 11, 1991	TPO Meeting	Las Vegas, NV	C. Gertz, YMPO
<b>C. <u>State and Public Interactions (P)</u></b>			
Monday, December 10	Ft. Valley State— Engineering Class	Las Vegas, NV	C. Gertz, YMPO
Monday, December 10	Western High School	Las Vegas, NV	F. Baird, T&MSS
Monday, December 10	Valley High School	Las Vegas, NV	B. Really, T&MSS
Thursday, December 20	Nevada Title Association	Las Vegas, NV	C. Gertz, YMPO
Wednesday, January 9, 1991	Daughters of the American Revolution	Las Vegas, NV	C. Gertz, YMPO
Thursday, February 7, 1991	Disabled American Veterans	Las Vegas, NV	C. Gertz, YMPO
Tuesday, April 16, 1991	Tunnels '91	Golden, CO	C. Gertz, YMPO
<b>D. <u>NRC Interactions</u></b>			
Thursday, December 13	Interactions Scheduling Meeting	Rockville, MD	A. Simmons, YMPO

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>E. <u>NWTRB Interactions</u></b>			
Tuesday- Thursday, January 15-17, 1991	NWTRB Full Board Meeting (P)	Washington, DC	A. Simmons, YMPO
Tuesday- Thursday, April 16-18, 1991	NWTRB Full Board Meeting (P)	Reno, NV	A. Simmons, YMPO
Tuesday- Thursday, July 16-18, 1991	NWTRB Full Board Meeting (P)	Arlington, VA	A. Simmons, YMPO
Tuesday- Thursday, October 8-10, 1991	NWTRB Full Board Meeting (P)	TBD	A. Simmons, YMPO



Carl P. Gertz, Project Manager  
Yucca Mountain Site Characterization  
Project Office

YMP:DLH-1120