



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 and John W. Gilray  
Sr. On-Site Licensing Representatives

DATE: October 26, 1990

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the week ending September 28, 1990 (which was missing previously) and October 12, 1990. There is nothing of any particular significance in these reports.

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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## Department of Energy

Yucca Mountain Project Office

P. O. Box 98608

Las Vegas, NV 89193-8608

WBS 1.2.9

QA: N/A

OCT 16 1990

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
OCTOBER 12, 1990

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

#### A. Site Characterization Planning

##### Midway Valley Trenching

Revision 1.05 of the Midway Valley/Calcite-Silica time-phased Logic Network shows +1 day float on the January 1991 initiation of trenching. The critical path includes the finalization and implementation of the Yucca Mountain Project Safety and Health Plan.

The "Technical Requirements for the Yucca Mountain Project (Midway Valley and Calcite-Silica Activities)," Revision 1, has been approved by the project and submitted to the Change Control Board for baselining.

A management review of the Conceptual General Arrangements for two trenches in Area A was held by Holmes & Narver, Inc. All comments have been resolved.

Field work for siting of the access route for the Midway Valley trench sites in Area A, including final preactivity environmental surveys, is being completed this week.

##### Site Characterization Plan (SCP) Progress Reports (PR)

The end of the reporting period for PR No. 4 is September 30, 1990. Project participants are now compiling input.

##### SCP Comments

A Program Review Group meeting has been scheduled for November 8, 1990, to review draft responses to comments on the SCP from several agencies, including the U.S. Nuclear Regulatory Commission (NRC) Site Characterization Analysis.

### SCP Study Plan Status

The U.S. Department of Energy/Headquarters (DOE/HQ) comment verification forms for the following study plans have been received by the Yucca Mountain Project Office (Project Office):

Study Plan 8.3.1.17.4.6, "Quaternary Faulting within the Site Area." The Project Office needs to sign off on five comment sheets, and this will complete the HQ review process for this Study Plan. A camera-ready copy of this study plan is being prepared and will be sent to the Project Office.

Study Plan 8.3.1.2.3.1.1-6, "Characterization of the Site Saturated-Zone Ground Water Flow System." The HQ comment verification process has apparently been completed, including the final sign-off by the Project Office.

Study Plan 8.3.1.2.2.1, "Characterization of the Unsaturated Zone Infiltration." The HQ comment verification process is nearly complete, with the final sign-off by the Project Office yet to be completed.

Study Plan 8.3.1.17.4.10, "Geodetic Leveling." The HQ comment verification process is nearly complete, with the final sign-off by the Project Office being the only remaining step.

Study Plan 8.3.1.2.2.8, "Characterization of Fluid Flow in Unsaturated Fractured Rock," has been screened and has been sent out for review by all parties.

A comment resolution meeting is being conducted October 9-11, 1990, in Denver, Colorado, for Priority Level 1 Study Plan 8.3.1.5.1.4, "Analysis of the Paleoenvironmental History of the Yucca Mountain Region."

STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	5
Revision. . . . .	1
Project Review. . . . .	0
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	11
HQ Review (Project Office Review	
complete) . . . . .	0
Awaiting comment resolution . . . .	7
Post HQ Revision. . . . .	8
Project Office/HQ Audit . . . . .	15
NRC Acceptance Review . . . . .	6
Revision . . . . .	0
NRC Start-Work Review . . . . .	0
Revision . . . . .	0
NRC Acceptance . . . . .	4
Total . . . . .	57

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

Presentations for the Nuclear Waste Technical Review Board (NWTB)/NRC staff technical exchanges are finalized and will be presented on October 11-12, 1990. CHRBA presenters will also attend the NWTB meeting on October 10, 1990. A first draft of the descriptive narrative for the Multi-Attribute Utility Analysis is in preparation. A description of numerical analyses appropriate for support of the CHRBA has been transmitted to performance assessment (PA) support staff in Las Vegas, Nevada, who will coordinate the assignment of one or more specific topics to available PA contractor(s). A memo summarizing current status of impact analyses for PA contractor(s) is in preparation. Comments from review of the September 14, 1990, draft report materials are due October 12, 1990.

The scoring for Postclosure Health and Safety Effects has been completed.

The drawings and data sheets for the 34 options (except for cost and schedule data) have been completed.

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<u>Scoring Activities</u>		
	<u>Number Completed</u>	<u>Total</u>
Influence Diagrams	20	20
Scoring Activities	306	680
Scoring Activities:		45% Complete

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### Testing Prioritization Tasks (TPT)

Viewgraphs which summarize the status of the TPT (previously known as Surface Base Testing Prioritization) were prepared and presented to the NWTB and the NRC at meetings October 11-12, 1990.

A conference call was conducted to finalize the list of attendees for the TPT Integration Group assessment meeting to be held October 17-18, 1990, at the Marriott Courtyard Hotel in Las Vegas, Nevada.

An evaluation was initiated of preclosure Potential Adverse Conditions that will be added to the assessment methodology.

### Alternative Licensing Application Strategies

Revision of the Final Draft Report to a Final Report is underway, with delivery to RW-1 expected by October 17, 1990.

## B. Environmental and Transportation Programs

### Environmental Field Programs

The National Park Service (NPS) will require a groundwater monitoring plan before withdrawing its protest. NPS comments to the draft plan previously submitted were discussed in the meeting held on October 4, 1990.

Field surveys were planned for the week of October 8, 1990, to determine trail routes from existing access routes to trench locations.

The Research Design for archaeological properties at Yucca Mountain was completed.

### Environmental Compliance and Permitting

The Environmental Protection Implementation Plan (EPIP) was revised to accommodate September 1990 comments from DOE/HQ. The revised EPIP has been transmitted to DOE/HQ for review.

### C. Field Operations

The Project Safety and Health Plan has been sent to the Manager for approval.

The Project Office/Nevada Operations Office (NV) Management Agreement has been finalized and is expected to be signed by the Project Manager and submitted to NV by close of business Friday, October 12, 1990.

The Field Operations Grading Package has been approved and submitted to the Quality Review Board.

A group of Swedish Nationals toured the Sample Management Facility (SMF) on October 10, 1990.

A pre-audit examination of the SMF was conducted on October 10, 1990.

Contract negotiations were finalized with Lang Exploratory on October 9, 1990. Actual award of the contract is pending confirmation of funds by DOE. Confirmation is expected by the end of the week. The anticipated delivery date of the product is January 21, 1991.

### D. Project Planning and Control

The Project and Control System (PACS) performance data (actual dollars expended, percent complete and latest revised estimate) was received from project participants for the month of September 1990 for input into PACS. The data will be used to produce performance products for September 1990 to include a Cost Performance Report that will cover the entire fiscal year 1990.

Phase One of the Long Range Plan/Integrated Project Schedule integration effort has been completed. The focus was to identify the interfaces between participants within an integration team schedule. During Phase Two, interfaces between the integration team schedules will be identified. In Phase Three, the participant data will be evaluated and revised to bring the schedule in line with the baselined Level 1 milestones.

E. Quality Assurance (QA) Implementation

The Los Alamos National Laboratories (Los Alamos) Software Quality Assurance Plan review continues. Review comments will be ready by the end of the week. Review plans may include a trip to Los Alamos to discuss comments and resolutions.

The Quality Assurance Requirements Document and Quality Assurance Program Description matrix flow down of requirements to implementing procedures is being completed.

The first QA Workshop to discuss major issues resulting from the August 7, 1990, Denver, Colorado, meeting was conducted October 10-12, 1990. The first issue was "Lack of Flexibility in QA Program With Respect To Scientific Research/Activities." Senior scientists from the three national laboratories, plus U.S. Geological Survey and DOE, were involved, as well as respective Technical Project Officers and QA Managers. Issues are being discussed and suggestions for modifications to the QA program will be presented for management consideration, as appropriate.

A surveillance is being conducted at Los Alamos with the State of Nevada and NRC as observers.

The monthly surveillance schedule has been developed.

F. Major Oversight Group Meetings

A technical exchange (TE) with the NWTB was held on TPT and CHRBA at Arlington, Virginia, on October 11, 1990.

A technical exchange on TPT and CHRBA was held with the NRC at Rockville, Maryland, on October 12, 1990.

G. Public Outreach Activities

The project institutional staff is making plans for the next round of Yucca Mountain Project Public Update Meetings. The meetings will be held in Hawthorne, Nevada, November 7, 1990; Amargosa Valley, Nevada, November 8, 1990; and Henderson, Nevada, November 20, 1990.

#### H. Near Term Decision Plan

There is no significant change in the milestone status from the last Program Management Meeting.

#### II. ANALYSIS AND VERIFICATION DIVISION (AVD)

An AVD/Yucca Mountain Project telecon planning for the Third Site Characterization Progress Report was held October 9, 1990.

Project personnel participated in the technical review of Waste Management System Requirements Document Volume IV Mine Geologic Disposal System (WMSR IV).

The preliminary draft of the 1990 Annual Capacity Report was reviewed.

#### III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The revised Quality Assurance Grading Report (QAG) covering the Repository Plan was completed.

The final report for Phase 1 of the Waste Package Fabrication and Development Study was published.

All comment resolutions for the Technical Assessment Review of the Waste Acceptance Preliminary Specification for High-Level Waste Glass have been submitted to reviewers for acceptance.

#### 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/BQ Meetings</u></b>			
Thursday, November 1	Program Management Meeting	Washington, DC	C. Gertz, Project Office

#### B. Internal Project and DOE/NV meetings

No meetings scheduled at this time.

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>State and Public Interactions (P)</u></b>			
Tuesday, October 23	Topical Symposium Environmental Radia- tion & Public Policy	Las Vegas, NV	C. Gertz, Project Office
Monday, October 29	UNLV Panel Discussion on Nuclear Waste	Las Vegas, NV	C. Gertz, Project Office
Wednesday, October 31	International Bro- therhood of Elec. Workers	Las Vegas, NV	C. Gertz, Project Office
Saturday, November 3	Clark Cty. Comm. College (CCCC) Panel Discussion on Nuclear Waste	Las Vegas, NV	C. Gertz, Project Office
Wednesday, November 7	Public Update Meeting	Hawthorne, NV	C. Gertz, Project Office
Thursday, November 8	Public Update Meeting	Amargosa, NV	C. Gertz, Project Office
Monday - Friday, November 12-16	1990 American Nuclear Society Meeting	Washington, DC	C. Gertz, Project Office
Tuesday, November 20	Public Update Meeting	Henderson, NV	C. Gertz, Project Office
Wednesday, January 9	Daughters of the American Revolution	Las Vegas, NV	C. Gertz, Project Office
Friday - Sunday, October 26-28	Fair Show '90 - CCCC	N. Las Vegas, NV	M. Powell, Project Office
Wednesday, October 31	Nevada Day Celebration	Las Vegas, NV	M. Powell, Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>State and Public Interactions (continued)</u> (P)</b>			
Friday - Sunday, November 2-4	Henderson Expo	Henderson, NV	M. Powell, Project Office
Friday - Saturday, November 16-17	Nevada State Teachers Association	Elko, NV	M. Powell, Project Office
<b>D. <u>NRC Interactions</u></b>			
Monday, November 11	NRC QA Meeting	Washington, DC	TBD
Wednesday- Thursday, November 28-29	TE on Performance Assessment	Albuquerque, NM	A. Simmons, Project Office
Thursday - Friday, November 8-9	TE on CHRBA	Denver, CO	A. Simmons, Project Office
Wednesday, November 21	TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office
<b>E. <u>NWTRB Interactions</u></b>			
Monday, October 22	NWTRB Transportation and Systems Panel Meeting	Washington, DC	W. Dixon, Project Office
Tuesday, November 20	NWTRB TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office
Monday - Tuesday, October 15-16	Environment and Public Health Panel Meeting	Reno, NV	W. Dixon, Project Office

John W. Bartlett

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>E. <u>NWTRB Interactions (continued)</u></b>			
Thursday - Friday, November 1-2	NWTRB QA Panel Meeting	Arlington, VA	M. Blanchard, Project Office
Tuesday, November 21	TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office



Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:DLH-253

## cc:

F. G. Peters, HQ (RW-1) FORS  
D. E. Shelor, HQ (RW-30) FORS  
H. H. Brandt, HQ (RW-13) FORS  
J. C. Bresee, HQ (RW-10) FORS  
Samuel Rousso, HQ (RW-10) FORS  
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Ron Pope, ORNL, Oak Ridge, TN  
L. R. Hayes, USGS, Las Vegas, NV  
~~E. A. Prestholt, NRC, Las Vegas, NV~~  
Robert Jackson, Weston, Washington, DC  
Donald Schweitzer, BNL, Upton, NY  
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Yucca Mountain Project Office  
P. O. Box 98608  
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WBS 1.2.9.2  
QA: N/A

OCT 01 1990

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
SEPTEMBER 28, 1990

I. CRITICAL ITEM STATUS - YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

A. Site Characterization Planning

Midway Valley Trenching

Revision 1.03 of the Schedule shows +6 days float for the initiation of site activities in January 1991. The critical path now includes development of the Yucca Mountain Project Safety and Health Plan and the establishment of its implementation program.

The Test Control Requirements and Specific Environmental Regulations have been incorporated into the Midway Valley/Calcite-Silica Requirements Document. Field survey of Midway Valley Trench A' ("A Prime") was completed by Holmes & Narver, Inc. (H&N).

The Yucca Mountain Project Office (Project Office) reviewed the H&N announcement for the review of the conceptual design of the Midway Valley construction package. The review is scheduled for October 1, 1990.

Site Characterization Plan (SCP) Progress Reports

The Project Office Requirements Analysis Division/Headquarters (HQ) is to arrange for printing and distribution of Site Characterization Progress Report No. 2 using the Washington, D.C., vendor that produced Progress Report No. 1.

SCP Comments

Work continued on preparing the State of Nevada's main comment package on the SCP (1,918 comments) for distribution to technical leads and working groups for response preparation. Previously, a subset of comments related to near-term site characterization activities (Trench-14 and Midway Valley studies) were identified for expedited handling.

## STATUS OF SCP COMMENT RESPONSE PACKAGES

Comment Package	Status	Number of Comments
State of Nevada SCP/CD	Released 10/89	929
NRC Point Papers SCP/CD	Released 12/88	167
USGS Comments SCP/CD	Released 10/89	698
Edison Electric Institute SCP/CD	Released 10/89	5
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	Responses Complete	53
California Energy Commission	IG Review	38
Lincoln County Board of Comm.	IG Review	6
U.S. EPA	IG Review	12
U.S. Department of Interior	IG Review	35
NRC/Site Characterization	IG Review	198
State of Nevada		
Preliminary Letter (ESF)	IG Review	58
State of Nevada (9/89 package)	03/18/91	1,917

**SCP Study Plan Status: September 28, 1990**

A revised draft was received for Priority Level 1 Study Plan 8.3.1.17.4.10, "Geodetic Leveling." This study plan is now ready for comment verification.

Initial drafts were received for review for Priority Level 2 Study Plan 8.3.1.3.5.1, "Dissolved Species Concentration Limits," and Priority Level 2 Study Plan 8.3.1.3.5.2, "Colloid Behavior." These two studies have been combined into a single study plan document.

An initial draft of Revision 1 of Priority Level 3 Study Plan 8.3.1.5.2.1, "Characterization of the Quaternary Regional Hydrology," was received for review. The revision adds descriptions of additional activities to the plan.

## STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	5
Revision. . . . .	1
Project Review. . . . .	0
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	12
HQ Review (Project Office Review complete) . . . . .	0
Awaiting comment resolution . . . .	6
Post HQ Revision. . . . .	8
Project Office/HQ Audit . . . . .	15
NRC Acceptance Review . . . . .	6
Revision . . . . .	0
NRC Start-Work Review . . . . .	0
Revision . . . . .	0
NRC Acceptance . . . . .	4
Total . . . . .	57

ESF Alternatives and Calico Hills Studies (CHRBA)

Plans and a tentative schedule for final-phase analysis were presented to the Regulatory & Site Evaluation Division Office Managers on September 21, 1990. An agenda for the upcoming Nuclear Waste Technical Review Board (NWTIRB)/U.S. Nuclear Regulatory Commission (NRC) technical exchanges on October 11 and 12, 1990, were also reviewed. A CHRBA subgroup is meeting this week in Denver, Colorado, to prepare a presentation on information needs for the October 1990 technical exchanges. "Dry runs" for the technical exchange presentations are scheduled for next week in Las Vegas, Nevada, on October 2, 1990, at Science Applications International Corporation, and October 3, 1990, at the U.S. Department of Energy (DOE)/Yucca Mountain Project. A CHRBA working group hydrogeology field trip to Rainier Mesa is planned for October 16 and 17, 1990. Final documentation of the value-of-information decision model and results is in preparation by Applied Decision Analysis.

## OPTIONS STATUS

	Number Completed	Total
Influence Diagrams	20	20
Scoring Activities	136	680
Scoring Activities:	20% Complete	

Surface Base Testing Prioritization (SBTP)

The core team met in Palo Alto, California, to develop specific operational definitions for the potentially adverse conditions. These definitions will be used to assess each of the potentially adverse conditions as they are ranked relative to their importance to waste isolation.

The core team continued to develop a detailed schedule for the implementation of Phase 1 activities.

The core team continued work on the Total System Model which will be used to produce the Phase 2 product.

Alternatives to License Application Strategies (ATLAS)

The ATLAS Final Draft Report is under revision. Delivery of a Final Report to HQ is anticipated for October 15, 1990.

B. Environmental and Socioeconomic Programs

The site specific reclamation requirements for Midway Valley were submitted as input into the Midway Valley Requirements Document.

The Environmental Field Activity Plan for Water Resources was distributed.

C. Field Operations

Emergency Evacuation diagrams were posted on all floors of the east wing of the Field Operations Center.

U.S. Geological Survey is continuing with the normal data retrieval from instrumented holes on Yucca Mountain.

The Yucca Mountain Site Office training room equipment and visual training aides are being delivered and set up at the site office.

OCT 01 1990

The Technical Review Committee (TRC) will meet Thursday, September 27, 1990, with Lang Exploratory Drilling to review updated drawings showing the pipe handling system, work platform, and pipe racks. The purpose of the meeting is to finalize design plans and answer any remaining questions for the TRC.

D. Project Planning and Control

Initial fiscal year (FY) 1991 Participant Cost Plans have been prepared from the Planning and Control System (PACS) using the FY 1991 Performance Measurement Baseline data provided by participants. These plans and appropriate detailed Planning and Scheduling Account and Summary Account plans have been provided to the Technical & Management Support Services (T&MSS) Integration Teams who are reviewing and coordinating the data with the participants and the Yucca Mountain. Performance measurement products from PACS reflecting performance through August 1990 have also been provided to the participants.

Final Long Range Plan/Integrated Project Schedule input was received from the project participants on September 14, 1990. Over 6,000 activities have been submitted. All participant data was merged into a single network and then split out according to T&MSS Integration Team responsibility. A three-phase approach has been initiated to complete the integration effort. Phase one will focus on identifying the interfaces between participants within an Integration Team schedule. Phase two will identify the interfaces between the team schedules. In phase three, the participant's data will be evaluated and revised to bring the schedule in line with the baseline Level 1 milestones.

E. Quality Assurance (QA) Implementation

Conducting a review of Project Office quality-related grading packages.

Performing follow-up on QA Workshop. Target date for completion of this effort is October 1990.

Continued support of the Project Office expedited procedure reviews.

Conducted Audit No. 90-07 on Fenix and Scisson of Nevada.

F. Major Oversight Group Meetings

An initial review of the critical path for the Waste Package activities was performed in response to NWTRB request.

G. Public Outreach Activities

Project staff hosted a tour of the Las Vegas, Nevada, Yucca Mountain Information Office to the following groups:

- o Nevada Desert Experience, September 26, 1990
- o Quiet Birdman (U.S. Air Force), September 27, 1990
- o Air Refueling Wing (U.S. Air Force), September 28, 1990

Project institutional staff attended a media training seminar for DOE/HQ Environmental Management on September 24-28, 1990, in Gaithersburg, Maryland.

II. ANALYSIS AND VERIFICATION DIVISION

Prepared materials for September 25, 1990, briefing to Secretary James Watkins by John Bartlett and Stephan Brocoum on readiness to start new ground-disturbing activities in January 1991.

Reviewed and revised draft responses to the NRC Site Characterization Analysis on the Site Characterization Plan. The responses are scheduled to be completed by October 5, 1990.

Prepared draft response to the State of Nevada regarding their intention not to attend the Golder Workshops on site suitability and performance assessment.

III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The Project Manager attended the Program Management Meeting in Washington, D.C., on September 26, 1990.

Sixty percent of reviewers have responded to the Technical Assessment Review of the Waste Acceptance Preliminary Specification of High-Level Waste Glass.

Project Office and participant staff attended the Golder site-suitability performance assessment meetings in Seattle, Washington.

Forty-three people attended the second systems engineering class in Las Vegas, Nevada.

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, October 4	Topical Senior Management Meeting	Washington, DC	C. Gertz, Project Office
Thursday, November 1	Program Management Meeting	Washington, DC	C. Gertz, Project Office
<b>B. <u>Internal Project and DOE/NV meetings</u></b>			
Thursday, October 11	Planning and Budget Meeting	Las Vegas, NV	C. Gertz, Project Office
Friday, October 12	PM-TPO Meeting	Las Vegas, NV	C. Gertz, Project Office
<b>C. <u>State and Public Interactions (P)</u></b>			
Friday, September 28	Operating Engineers Local 12	Las Vegas, NV	C. Gertz, Project Office
Tuesday, October 2	Spectrum '90 Nuclear & Hazardous Waste Management Internat'l Topical Meeting	Knoxville, TN	M. Blanchard, Project Office
Wednesday, October 10	Nevada Association of Student Council	Las Vegas, NV	C. Gertz, Project Office
Tuesday, October 23	Topical Symposium Environmental Radia- tion & Public Policy	Las Vegas, NV	C. Gertz, Project Office
Monday, October 29	UNLV Panel Discussion on Nuclear Waste	Las Vegas, NV	C. Gertz, Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>State and Public Interactions (continued) (P)</u></b>			
Wednesday, October 31	International Bro- therhood of Elec. Workers	Las Vegas, NV	C. Gertz, Project Office
Saturday, November 3	Clark Cty. Community College Panel Discus- sion on Nuclear Waste	Las Vegas, NV	C. Gertz, Project Office
Wednesday, November 7	Public Update Meeting	Hawthorne, NV	C. Gertz, Project Office
Thursday, November 8	Public Update Meeting	Amargosa, NV	C. Gertz, Project Office
Monday - Friday, November 12-16	1990 American Nuclear Society Meeting	Washington, DC	C. Gertz, Project Office
Tuesday, November 20	Public Update Meeting	Henderson, NV	C. Gertz, Project Office
Wednesday, January 9	Daughters of the American Revolution	Las Vegas, NV	C. Gertz, Project Office
<b>D. <u>Yucca Mountain Project Tabletop Exhibit Showings (P)</u></b>			
Friday - Sunday, September 28 - October 7	Las Vegas Jaycees State Fair	Las Vegas, NV	M. Powell, Project Office
Thursday - Saturday, October 4-6	Nevada Library Association	Ely, NV	M. Powell, Project Office
Friday - Sunday, October 12-14	Southern Nevada Home Expo	Las Vegas, NV	M. Powell, Project Office
Friday - Sunday, October 26-28	Fair Show '90 - Clark County Community College	N. Las Vegas, NV	M. Powell, Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>D. <u>Yucca Mountain Project Tabletop Exhibit Showings (P) (continued)</u></b>			
Wednesday, October 31	Nevada Day Celebration	Las Vegas, NV	M. Powell, Project Office
Friday - Sunday, November 2-4	Henderson Expo	Henderson, NV	M. Powell, Project Office
Friday - Saturday, November 16-17	Nevada State Teachers Association	Elko, NV	M. Powell, Project Office
<b>E. <u>NRC Interactions</u></b>			
Friday, October 12	TE on SBTP in Calico Hills	Rockville, MD	A. Simmons, Project Office
Tuesday - Wednesday, October 30-31	TE on Performance Assessment	Albuquerque, NM	A. Simmons, Project Office
Thursday - Friday, November 8-9	TE on Calico Hills Risk-Benefit Analysis	Denver, CO	A. Simmons, Project Office
Wednesday, November 21	TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office
<b>F. <u>NWTRB Interactions</u></b>			
Thursday, October 11	TE on SBTP in Calico Hills	Arlington, VA	A. Simmons, Project Office
Monday - Tuesday, October 15-16	Environment and Public Health Panel Meeting	Reno, NV	W. Dixon, Project Office
Thursday - Friday, November 1-2	NWTRB Quality Assurance Panel Meeting	Arlington, VA	M. Blanchard, Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
F. <u>NWTRB Interactions (continued)</u>			
Tuesday, November 21	TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office
Thursday, November 22	Transportation and Systems Panel Meeting	Washington, DC	W. Dixon, Project Office



FOR  
Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:DLH-5217

cc:

F. G. Peters, HQ (RW-1) FORS  
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