



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: October 23, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the weeks of October 4 and 11, 1991.

There is nothing requiring specific management attention in the 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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NH16/11
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Department of Energy
Yucca Mountain Site Characterization
Project Office
P. O. Box 98608
Las Vegas, NV 89193-8608

WBS 1.2.9
QA: N/A

OCT 11 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
OCTOBER 4, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Approval has been received from the Under Secretary to start limited new surface-based testing and to initiate limited Title II Design without a formal Energy Systems Acquisition Advisory Board (ESAAB) review. ESAAB members from EH and PR have concurred.

The ESF engineering plan for Title II Design of the first access site preparation package has been submitted for YMP approval.

Site Characterization Plan (SCP) Progress Report (PR)

The Yucca Mountain Site Characterization Project Office (YMPO) returned a revised concurrence draft of PR 4 to the Office of Civilian Radioactive Waste Management (OCRWM) on September 19, 1991, which incorporated their comments. Guidance for input to PR 5 was sent to participant organizations on September 6, 1991, with a requested due date of October 11, 1991.

SCP Study Plan (SP) Status

SP 8.3.1.14.2, "Studies to Provide Soil and Rock Properties of Potential Locations of Surface and Subsurface Access Facilities," was approved by YMPO and submitted to Document Control for distribution.

A draft of Revision 5 of Administrative Procedure (AP)-1.10Q was submitted for Quality Management Procedure 06-04 review prior to approval.

OCT 11 1991

STUDY PLAN BREAKDOWN

In Screening Review	0
In Revision after Screening Review	1
In YMPO and Headquarters (HQ) Review	11
Awaiting Comment Resolution Meeting	6
Awaiting Author Revision	9
In YMPO/HQ Verification Audit	9
Verification Complete-Awaiting HQ Sign-off	0
Awaiting YMPO Approval	0
Approved and Awaiting Transmittal to U.S. Nuclear Regulatory Commission (NRC)	1
NRC Phase 1 Review	21
NRC Acceptance	8
Total	66

Received Comments from the State of Nevada	6
Response Transmitted to the State of Nevada	5

Received Comments from the NRC	4
Responses Transmitted to HQ	3
Responses Transmitted to NRC	3

Early Site Suitability Evaluation (ESSE)

ESSE Staff and Core Team members have completed the series of one-on-one meetings with all of the Peer Reviewers. Remaining ESSE efforts during this period have dealt with administrative documentation including revision to ESSE plans to reflect the schedule change recently concurred with by YMPO.

Geochemistry

The Geochemistry Integration Team (core team) held its first monthly meeting on September 26, 1991, in Las Vegas, Nevada. The purpose of this meeting was to define roles and responsibilities of team members, to get the team functioning as a group, and to plan the next quarterly meeting, the topic of which is "The Role of Geochemistry in Performance Assessment."

OCT 11 1991

B. Environmental Programs**Environmental Compliance and Permitting**

The State of Nevada water appropriation permit public hearing began on September 24, 1991, and is expected to run through October 4, 1991. In support of the hearing, the staff prepared and presented testimony, prepared graphic materials and viewgraphs, and provided any logistical support required by the hearing participants.

C. Field Operations

The Site Manager has issued the first edition of the YMP five-year master plan for site developing of Area 25 to the Project Manager, Deputy Project Manager, Division Directors, U.S. Department of Energy (DOE)/HQ/OCRWM, and DOE Field Office, Nevada.

The surface-disturbing activities, Job Package (JP) 91-6, Auger Holes at the Hydrological Research Facility, and JP 91-9, Neutron Access Boreholes, are proceeding. Work is progressing in a systematic and operational manner.

Various tours were held during the past week including a tour by CBS News and Portland General Electric personnel. A major Open House and Site Tour will be conducted for the Sun City Summerlin retirement community on October 2, 1991; and on October 3, 1991, the American Nuclear Society (ANS) will tour the site. Plans are also underway for major tours to be conducted on October 22, 23, and 26, 1991. These include the Northern States Study Group, and two general public tours.

D. Project Planning and Control

Completed a draft of the YMP fiscal year 1993 Office of Management and Budget Presentation.

Conducted Planning and Control System training for TRW Environmental Safety Systems personnel.

E. Quality Assurance Implementation

The Yucca Mountain Quality Assurance Division completed a surveillance of Reynolds Electrical & Engineering Co., Inc., on September 30, 1991. The surveillance team reviewed Criteria 16 and Criteria 18. There were no notable deficiencies identified.

The surveillance of YMPO was completed on October 3, 1991. The surveillance team reviewed implementation in Criteria 2, 3 and 17. One Corrective Action Request was written identifying a lack of System 80 implementation.

F. Major Oversight Group Meetings

No major meetings this week.

G. Public Outreach and Institutional Activities

A Girl Scout geology badge workshop was held at the Yucca Mountain Information Office (YMIO) in Las Vegas, Nevada, on Saturday, September 28, 1991. Eight volunteers staffed activity tables for 45 Girl Scout participants.

The Project Manager gave a technical project overview presentation at the ANS Focus '91 Nuclear Waste Packaging Conference on September 30, 1991.

A presentation on the Yucca Mountain cultural resources program was given to 80 students at Doris French Elementary School, Las Vegas, Nevada, on October 1, 1991.

A joint project overview presentation was given to the West Virginia Institute of Technology, School of Engineering, Montgomery, West Virginia, on Thursday, October 3, 1991.

Staff presented a technical project overview to the Charleston Section of the American Institute of Chemical Engineers in Montgomery, West Virginia, on October 3, 1991.

The YMP exhibit was set up and staffed on September 26-29, 1991, for the Women of the '90s display in Las Vegas, Nevada; at the Jaycee State Fair in Las Vegas, Nevada, September 27 through October 6, 1991; and for the Nevada Library Association on October 3-5, 1991, at the Reno/Sparks Convention Center in Reno, Nevada.

Institutional Affairs conducted a tour to Yucca Mountain on Monday, September 30, 1991, for employees of Portland General Electric. Upon their return to YMIO in Las Vegas, Nevada, an overview of the project was given by the Project Manager.

Institutional Affairs conducted tours to Yucca Mountain on Wednesday, October 2, 1991, to members of the Sun City Summerlin retirement community, and on Thursday, October 3, 1991, for ANS members attending the Focus '91 conference in Las Vegas, Nevada.

State Senator William O'Donnell (Republican-Clark County) held a press conference on September 30, 1991, and announced his support of the site characterization studies of Yucca Mountain. The press conference was jointly sponsored by the Vision Project and the

OCT 11 1991

local laborers union. With William O'Donnell were representatives from a number of labor unions, representatives from several DOE and defense contractors and a representative from Desert Research Institute. William O'Donnell is the first State Legislator to take a public position in favor of the Yucca Mountain studies.

H. Systems Management and Integration

Technical Data Management

No new items this week.

Geographic Information System

No new items this week.

II. ANALYSIS & VERIFICATION DIVISION

Participated in meeting with peer reviewer of draft ESSE report to discuss preliminary comments on human interference guidelines, on October 1, 1991, in Stanford, California.

Completed a technical review under the AP-1.10Q procedure for SP 8.3.1.3.1.1, "Groundwater Chemistry Model of Yucca Mountain."

Provided a performance assessment paper including schedules to RW-4 on tasks assigned to RW-22 related to Secretary's initiative on integrated DOE waste management planning.

III. GENERAL INFORMATION ITEMS

YMP

The ANS Focus '91 attendees convened in Las Vegas, Nevada, this week to hear presentations from YMP participants and others on the subject of Waste Package Design and Development.

IV. UPCOMING EVENTS CALENDAR

Please note that the usage of "(P)" in the calendar indicates that the event is open to the public. Educational presentations and State and Public Interactions are handled by the Speakers Bureau; contact Linda Artis at (702) 794-7896 for additional information. Exhibits are handled by Kevin Rohrer at (702) 794-7769, and tours are handled by Mindy Wadkins at (702) 794-7374.

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
A. <u>DOE/HQ Meetings</u>			
Thursday, October 10	Program Management Meeting	Washington, DC	C. Gertz
Thursday, October 10	OMB Presentation	Washington, DC	C. Gertz
Tuesday, October 22	Mission Plan Amendment	Denver, CO	C. Gertz
B. <u>Internal and DOE/NV Meetings</u>			
Friday, October 11	PM-TPO Meeting	Las Vegas, NV	C. Gertz
Friday, October 11	Planning & Budget Meeting	Las Vegas, NV	C. Gertz
C. <u>NRC Interactions</u>			
Tuesday- Wednesday, October 29-30	NRC TE on Scenario Development & CCDF	Rockville, MD	J. Cooper
Tuesday, November 19	NRC Meeting on Regulatory Strategy	Washington, DC	S. Jones
Wednesday, November 20	NRC Interactions Scheduling Meeting	Washington, DC	J. Cooper
D. <u>NWIRB Interactions (P)</u>			
Tuesday- Thursday, October 8-10	NWIRB Full Board Meeting on Thermal Loading and Repository Design	Las Vegas, NV	A. Simmons

OCT 11 1991

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NWIRB Interactions (P) (continued)</u>			
Tuesday- Wednesday, November 12-13	SG&G Panel Mtg. on Borehole Sealing and Backfilling	Seattle, WA	A. Simmons
Wednesday- Thursday, January 22-23 TENTATIVE	SG&G Panel Meeting on Seismic Vulnerabilities	Salt Lake City, UT	A. Simmons
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Monday, October 7	DOE Waste Manage- ment Education & Research Consortium	Las Vegas, NV	C. Gertz
Saturday, October 12	Girl Scout Geology Badge Workshop	YMIO Las Vegas, NV	E. Harle
Tuesday, October 15	Inyo County Republican Women, Federated	Bishop, CA	C. Gertz
Wednesday, October 16	American Nuclear Society	San Diego, CA	C. Gertz
Thursday, October 17	YM Lecture Series "Environment" (P)	Beatty, NV	G. Fasano
Friday, October 18	Discover Nevada Conference	Las Vegas, NV	C. Gertz
Thursday, October 24	American Society of Civil Engineers	Las Vegas, NV	C. Gertz
Saturday, October 26	Boy Scout Atomic Energy Workshop	YMIO Las Vegas, NV	E. Harle
Tuesday, October 29	YM Lecture Series "Environment" (P)	YMIO Las Vegas, NV	G. Fasano
Saturday, November 2	The Docent Spring Mountain Ranch	Las Vegas, NV	R. Arnold

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions (continued)</u>			
Tuesday, November 5	National Contractors Management Assn.	Las Vegas, NV	C. Gertz
Saturday, November 9	Girl Scout Geology Badge Workshop	YMIO Las Vegas, NV	E. Harle
Tuesday, November 12	American Society of Mechanical Engineers	San Francisco, CA	C. Gertz
Wednesday, November 13	Credit Professionals of Las Vegas	Las Vegas, NV	M. Foley
Wednesday, November 13	American Nuclear Society '91 Winter Meeting	San Francisco, CA	C. Gertz
Wednesday, November 13	Greenspun Junior High School	Las Vegas, NV	G. Fasano
Thursday, November 14	Archaeo Nevada Society	Las Vegas, NV	R. Arnold
Thursday, November 14	Wisconsin Public Service	Rhineland, WI	A. Robison
Monday, November 18	Green Valley Library "Volcanoes"	Henderson, NV	B. Crowe
Monday, November 18	Public Update Meeting (P)	Las Vegas, NV	C. Gertz
Tuesday, November 19	Public Update Meeting (P)	Beatty, NV	C. Gertz
Thursday, November 21	Public Update Meeting (P)	Reno, NV	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. <u>Exhibits Scheduled</u>		
Thursday- Saturday, October 10-12	Nevada League of Cities	Mesquite, NV

OCT 11 1991

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. Exhibits Scheduled (continued)		
Thursday-Saturday, October 17-19	Aerospace Education Conference	Las Vegas, NV
Friday-Saturday, October 18-19	Boy Scout Exposition	Las Vegas, NV
Saturday, October 19	Sandia National Laboratories Open House	Albuquerque, NM
Wednesday, October 23	Public Open House (P)	Las Vegas, NV
Friday-Saturday, October 25-26	Fairshow '91 (P)	N. Las Vegas, NV
Thursday, November 14	Wisconsin Public Service	Rhineland, WI
Monday, November 18	Public Update Meeting (P)	Las Vegas, NV
Tuesday, November 19	Public Update Meeting (P)	Beatty, NV
Thursday, November 21	Public Update Meeting (P)	Reno, NV
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. Tours Scheduled		
Friday, October 11	Quail Estates	TBD
Friday, October 11	UNLV Political Science Class	TBD
Tuesday, October 22	Northern States Power	TBD
Wednesday, October 23	Public Open House (P)	Various Escorts

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Saturday, October 26	Public Open House (P)	Various Escorts
Friday, November 1	Penn State	TBD
Wednesday, November 6	City of Caliente	TBD
Monday, November 11	General Electric/ Oregon Power	TBD
Saturday, November 16	Public Open House (P)	Various Escorts
Wednesday, November 20	Greenspun Junior High School	TBD
Saturday, December 7	Public Open House (P)	Various Escorts

YMP:DLH-187

Maxwell Stanchard
 Carl P. Gertz
 Project Manager

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-12) FORS
 M. A. Ferguson, HQ (RW-5) FORS
 Stephanie Hannah, HQ (PA-3) FORS
 T. H. Isaacs, HQ (RW-4) FORS
 G. P. King, HQ (RW-5) FORS
 Eric Knox, HQ (RW-5.1) FORS
 R. A. Milner, HQ (RW-40) FORS
 F. G. Peters, HQ (RW-2) FORS
 Samuel Rousso, HQ (RW-10) FORS
 J. D. Saltzman, HQ (RW-5) FORS
 D. E. Shelor, HQ (RW-30) FORS
 C. M. Smith, HQ (RW-2) FORS
 Jeff Roberts, CH, IL
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Department of Energy
Yucca Mountain Site Characterization
Project Office
P. O. Box 98608
Las Vegas, NV 89193-8608

WBS 1.2.9
QA: N/A

OCT 16 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
OCTOBER 11, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Approval has been received from the Under Secretary to start limited new surface-based testing and to initiate limited Title II Design without a formal Energy Systems Acquisition Advisory Board (ESAAB) review. ESAAB members from EH and PR have concurred.

The ESF engineering plan for Title II Design of the first access site preparation package has been submitted for YMP approval.

Site Characterization Plan (SCP) Progress Report (PR)

The Yucca Mountain Site Characterization Project Office (YMPO) received authorization to produce PR 4 on October 3, 1991. PR 4 will be distributed, at earliest, the first week in November 1991. Participant input for PR 5 is due in to YMPO on October 11, 1991.

SCP Study Plan (SP) Status

SP 8.3.1.14.2, "Studies to Provide Soil and Rock Properties of Potential Locations of Surface and Subsurface Access Facilities," was transmitted to the U.S. Nuclear Regulatory Commission (NRC) for their review.

The NRC has completed its Phase 1 acceptance review and found no objections to SP 8.3.1.17.4.6, "Quaternary Faulting within the Site Area."

YMPO has completed its review of SP 8.3.1.15.1.8, "In Site Design Verification," and transmitted the comments to the Principal Integrator.

STUDY PLAN BREAKDOWN

In Screening Review	0
In Revision after Screening Review	1
In YMPO and Headquarters (HQ) Review	10
Awaiting Comment Resolution Meeting	6
Awaiting Author Revision	10
In YMPO/HQ Verification Audit	9
Verification Complete-Awaiting HQ Sign-off	0
Awaiting YMPO Approval	0
Approved and Awaiting Transmittal to NRC	0
NRC Phase 1 Review	21
NRC Acceptance	9
Total	66

Received Comments from the State of Nevada	6
Response Transmitted to the State of Nevada	5

Received Comments from the NRC	5
Responses Transmitted to HQ	4
Responses Transmitted to NRC	3

Early Site Suitability Evaluation (ESSE)

The ESSE staff continued to support peer review questions/discussions, prepare for receipt of comments targeted for November 12, 1991, and prepare for the next publication and review cycles.

B. Environmental Programs

Environmental Compliance and Permitting

The public hearing for the water appropriation permit was concluded by stipulation of parties when the state revealed that it did not intend to call additional witnesses. The State Engineer has ordered that the parties will submit simultaneous briefs summarizing their positions no later than 15 days following receipt of the completed hearing transcript. The parties will have an opportunity to file reply briefs no later than five working days after receipt of the opposing briefs. The State Engineer has indicated his intent to issue a decision shortly following the completion of briefs.

C. Field Operations

Staff assisted with tours for the Portland General Electric group and new project employees. Preparations are being made for three major upcoming tours which include the Northern States Study Group scheduled for October 22, 1991, and two general public Open House and Site Tours scheduled for October 23, 1991, and October 26, 1991. Approximately 350 visitors are expected for each of the general public tours.

Preparations are underway for the restoration of USW VH-1 Well located in Crater Flats. The Site Manager, upon receiving clearance and approval from the Environmental Compliance Department as a result of the preactivity survey being completed, will initiate actions for Reynolds Electrical & Engineering Co., Inc., to commence the required work at the well. It is planned to have the well in operation prior to October 25, 1991. Hauling of the water will commence thereafter to seven water storage tanks located at the south rim of 40 Mile Canyon, Nevada Test Site. This will continue for a prolonged period to show proof of beneficial occupancy.

On Job Package 91-9, Neutron-Access Boreholes, drilling/coring continued on Hole USW UZ55 which is the first of three presently-funded holes for the project. Approximately 50 feet was drilled, with 49 feet of core recovered.

D. Project Planning and Control

Staff attended the Office of Management and Budget Meeting in Washington, D.C., on October 10, 1991. Staff also attended the Technical Project Officers' Meeting in Las Vegas, Nevada, on October 11, 1991, to finalize the fiscal year 1992 funding.

E. Quality Assurance Implementation

The input from the Quality Integration Group and remaining comment resolution information provided by the Yucca Mountain Quality Assurance Division has been transferred to HQ with the goal of issuing the Quality Assurance Requirements Document for formal comment by October 11, 1991.

F. Major Oversight Group Meetings

The Nuclear Waste Technical Review Full Board convened in Las Vegas, Nevada, on October 8, 1991, to address Thermal Loading Evaluations for high level nuclear waste disposal. Several presentations were provided to the board from the U.S. Department of Energy (DOE)/YMP participants as well as from the international communities of Sweden, Germany, and Canada.

OCT 16 1991

G. Public Outreach and Institutional Activities

On October 6-7, 1991, staff accompanied Nye County officials on a tour of the Waste Isolation Pilot Plant in Carlsbad, New Mexico. A meeting was also held with Nye County Officials to discuss YMP issues.

A videotaping of the Project Manager presenting an overview of Yucca Mountain was made on October 7, 1991, for the Hazardous/Radioactive Waste Management Training series sponsored by the DOE Waste-management Education and Research Consortium. The videoconference training series will be broadcast on October 23, 1991.

The Project Manager gave a technical project overview presentation to DOE/HQ representatives at the Yucca Mountain Information Office (YMIO) in Las Vegas, Nevada, on October 8, 1991.

Several Institutional Affairs County Representatives participated in the Nevada League of Cities annual meeting in Mesquite, Nevada, on October 10-12, 1991. The YMP exhibit was set up and staffed for this event.

Institutional Affairs conducted tours to Yucca Mountain on Friday, October 11, 1991, for 35 guests from Quail Estates of Las Vegas, Nevada, and for 38 political science students from the University of Nevada in Las Vegas, Nevada.

The distribution of 400 copies of the videotape, "A Look at Yucca Mountain," was finalized.

H. Systems Management and Integration

Technical Data Management

The Technical Data Base Quarterly Report is in final typing and preparation for distribution. The Technical Data catalog has been distributed for final review prior to release. Release is anticipated for the week of October 21, 1991. Administrative Procedure (AP)-5.1Q and AP-5.2Q have been released. The Parameter Normalization Working Group has made significant progress in developing a hierarchy of parameter names; work will continue on this effort through January 1992.

Geographic Information System

Work continued on the Site Atlas, adding layers to the data base and supplying map products to YMPO. New hardware for the system should be delivered in the next few weeks.

OCT 16 1991

II. ANALYSIS & VERIFICATION DIVISION

Participated and provided input as a Task Force member in the initial meeting of the Document Hierarchy Review.

Completed draft of the executive summary and Chapter 1 of the fifth semiannual Site Characterization Progress Report.

Attended M&O Management Meeting on October 9, 1991, in Fairfax, Virginia.

III. GENERAL INFORMATION ITEMSYMP

A schedule for the establishment of a document hierarchy by late November 1991 has been agreed upon between DOE, HQ, YMPO, and TRW Environmental Safety Systems (TESS).

TESS

Participated in establishment of a management philosophy and approach in light of recent program developments.

Technical and Management Support Services

A draft of the ESF Title II Budget and Schedule Evaluation has been submitted to YMPO for DOE review.

The YMP Maintainability Plan has been issued as a controlled document.

IV. UPCOMING EVENTS CALENDAR

Please note that the usage of "(P)" in the calendar indicates that the event is open to the public. Educational presentations and State and Public Interactions are handled by the Speakers Bureau; contact Linda Artis at (702) 794-7896 for additional information. Exhibits are handled by Kevin Rohrer at (702) 794-7769, and tours are handled by Mindy Wadkins at (702) 794-7374.

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
A. <u>DOE/HQ Meetings</u>			
Thursday, October 10	Program Management Meeting	Washington, DC	C. Gertz

OCT 16 1991

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
A. <u>DOE/EQ Meetings (continued)</u>			
Tuesday- Wednesday, October 22-23	Mission Plan Amendment Workshop	Denver, CO	C. Gertz
B. <u>Internal and DOE/NV Meetings</u>			
Friday, October 11	TPO Meeting	Las Vegas, NV	M. Blanchard
Friday, October 11	Planning & Budget Meeting	Las Vegas, NV	M. Blanchard
Wednesday, October 16	NV Program Review	Las Vegas, NV	C. Gertz
C. <u>NRC Interactions</u>			
Tuesday- Wednesday, October 29-30	NRC TE on Scenario Development & CCDF	Rockville, MD	J. Cooper
Tuesday, November 19	NRC Meeting on Regulatory Strategy	Washington, DC	S. Jones
Wednesday, November 20	NRC Interactions Scheduling Meeting	Washington, DC	J. Cooper
D. <u>NWIRB Interactions (P)</u>			
Tuesday- Wednesday, November 12-13	SG&G Panel Mtg. on Borehole Sealing and Backfilling	Seattle, WA	A. Simmons
Wednesday- Thursday, January 22-23 TENTATIVE	SG&G Panel Meeting on Seismic Vulnerabilities	Salt Lake City, UT	A. Simmons
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Saturday, October 12	Girl Scout Geology Badge Workshop	YMIO Las Vegas, NV	E. Harle

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u> (continued)			
Monday, October 14	Partnership in Education	YMIO Las Vegas, NV	C. Gertz R. Arnold E. Harle B. Crowe
Tuesday, October 15	Inyo County Republican Women, Federated	Bishop, CA	C. Gertz
Wednesday, October 16	American Nuclear Society	San Diego, CA	C. Gertz
Wednesday, October 16	Valley High School	Las Vegas, NV	A. Robison
Thursday, October 17	YM Lecture Series "Environment" (P)	Beatty, NV	G. Fasano
Friday, October 18	Discover Nevada Conference	Las Vegas, NV	A. Robison
Thursday, October 24	American Society of Civil Engineers	Las Vegas, NV	C. Gertz
Saturday, October 26	Boy Scout Atomic Energy Workshop	YMIO Las Vegas, NV	E. Harle
Tuesday, October 29	YM Lecture Series "Environment" (P)	YMIO Las Vegas, NV	G. Fasano
Tuesday, October 29	Arizona Public Service	Phoenix, AZ	C. Gertz
Saturday, November 2	The Docent Spring Mountain Ranch	Las Vegas, NV	R. Arnold
Tuesday, November 5	National Contractors Management Assn.	Las Vegas, NV	C. Gertz
Saturday, November 9	Girl Scout Geology Badge Workshop	YMIO Las Vegas, NV	E. Harle

OCT 16 1991

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u> (continued)			
Tuesday, November 12	American Society of Mechanical Engineers	San Francisco, CA	C. Gertz
Wednesday, November 13	Credit Professionals of Las Vegas	Las Vegas, NV	M. Foley
Wednesday, November 13	American Nuclear Society '91 Winter Meeting	San Francisco, CA	C. Gertz
Thursday, November 14	Archaeo Nevada Society	Las Vegas, NV	R. Arnold
Thursday, November 14	Wisconsin Public Service	Rhineland, WI	A. Robison
Friday, November 15	Amargosa Elementary School	Amargosa, NV	R. Arnold
Monday, November 18	Green Valley Library "Volcanoes"	Henderson, NV	B. Crowe
Wednesday, November 27	Environmental Protection Agency	Las Vegas, NV	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>
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F. Exhibits Scheduled

Thursday-Saturday, October 17-19	Aerospace Education Conference	Las Vegas, NV
Friday-Saturday, October 18-19	Boy Scout Exposition	Las Vegas, NV
Saturday, October 19	Sandia National Laboratories Open House	Albuquerque, NM
Wednesday, October 23	Public Open House (P)	Las Vegas, NV
Friday-Saturday, October 25-26	Fairshow '91 (P)	N. Las Vegas, NV

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. <u>Exhibits Scheduled</u> (continued)		
Thursday, November 14	Wisconsin Public Service	Rhineland, WI
Monday, November 18	Public Update Meeting (P)	Las Vegas, NV
Tuesday, November 19	Public Update Meeting (P)	Beatty, NV
Thursday, November 21	Public Update Meeting (P)	Reno, NV
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u>		
Tuesday, October 22	Northern States Power	W. Dixon B. Reilly M. Wadkins
Wednesday, October 23	Public Open House (P)	Various Escorts
Saturday, October 26	Public Open House (P)	Various Escorts
Friday, November 1	Penn State	TBD
Wednesday, November 6	City of Caliente	TBD
Monday, November 11	General Electric/ Oregon Power	TBD
Saturday, November 16	Public Open House (P)	Various Escorts
Wednesday, November 20	Greenspun Junior High School	TBD

John W. Bartlett

-10-

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Saturday, December 7	Public Open House (P)	Various Escorts

YMP:DLH-318

J. Maxwell Blanchard
 Carl P. Gertz
 Project Manager

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-12) FORS
 M. A. Ferguson, HQ (RW-5) FORS
 Stephanie Hannah, HQ (PA-3) FORS
 T. H. Isaacs, HQ (RW-4) FORS
 G. P. King, HQ (RW-5) FORS
 Eric Knox, HQ (RW-5.1) FORS
 R. A. Milner, HQ (RW-40) FORS
 F. G. Peters, HQ (RW-2) FORS
 Samuel Rousso, HQ (RW-10) FORS
 J. D. Saltzman, HQ (RW-5) FORS
 D. E. Shelor, HQ (RW-30) FORS
 C. M. Smith, HQ (RW-2) FORS
 Jeff Roberts, CH, IL
 Marianne Heiskell, ORO
 J. H. Anttonen, BWI, RL, WA
 Ron Pope, ORNL, Oak Ridge, TN
 L. R. Hayes, USGS, Las Vegas, NV
 P. T. Prestholt, NRC, Las Vegas, NV
 Donald Schweitzer, ENL, Upton, NY
 R. J. Herbst, LANL, Los Alamos, NM
 D. T. Oakley, LANL, Washington, DC
 W. L. Clarke, LLNL, Livermore, CA
 T. E. Blejwas, SNL, 6310, Albuquerque, NM
 R. W. Lynch, SNL, 6300, Albuquerque, NM
 R. L. Bullock, RSN, Las Vegas, NV
 R. E. Lowder, MACTEC, Las Vegas, NV
 R. F. Pritchett, REECO, Las Vegas, NV
 Janet Docka, Weston, Washington, DC