



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

Reply to:
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Las Vegas, Nevada 89101
Tel: (702) 388-6125
FTS: 598-6125

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: September 27, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the weeks of September 6 and 13, 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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PDR WASTE
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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

SEP 12 1991

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
SEPTEMBER 6, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Office of Civilian Radioactive Waste Management (OCRWM) 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
H2: Prepare transition plan from current document hierarchy to new document hierarchy (Management System Improvement Strategy).	3/15/91	TBD
H4: Letter transmittal to the U.S. Nuclear Regulatory Commission (NRC) by the Office of Systems and Compliance informing them of implementation of the Design Control Process by OCRWM.	3/31/91	9/16/91

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H6: OCRWM baselines ESF system requirements in accordance with formal Project Change Control Board (PCCB) process (includes quality assurance Administrative Procedure-3.1 Review and PCCB action). 7/31/91 TBD

Note: At this time none of the above M/S appear to have a specific impact on OCRWM M/S H10, the initial phase of ESF portal construction.

Site Characterization Plan (SCP) Progress Report (PR)

The Yucca Mountain Site Characterization Project Office (YMPO) sent OCRWM a concurrence draft of PR 4 on July 31, 1991. The release date for PR 4 is contingent upon OCRWM's concurrence.

SCP Comments

All OCRWM edits or comments on OGD's draft responses to the State of Nevada's September 1989 SCP comments have been received and acted upon. YMPO staff informed each originating OCRWM office how their comments were addressed. YMPO staff are making final preparations for release of the response document before the end of September 1991.

SCP Study Plan (SP) Status

A post comment verification draft of SP 8.3.1.3.4.2, Biological Sorption and Transport, was submitted to YMPO for approval.

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	10
In YMPO/HQ Verification Audit	8
Verification Complete-Awaiting HQ sign-off	0
Awaiting YMPO Approval	1
Approved and Awaiting transmittal to NRC	1
NRC Phase 1 Review	20
NRC Acceptance	8
Total	66

Received Comments from the State of Nevada	6
Response Transmitted to the State of Nevada	4

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

Early Site Suitability Evaluation (ESSE)

ESSE staff scheduled and prepared individual briefings for the members of the Peer Review Panel with the ESSE Core Team and supporting technical experts.

B. Environmental Programs

No new items this week.

C. Field Operations

The Site Manager authorized the implementation in the field of two job packages (JP) this week. They were JP 91-5, Ongoing Field Activities, and JP 91-6, the Hydrological Research Facility Auger Holes. These documents have been issued to the respective project participants for field execution. On JP 91-6, it is anticipated that Reynolds Electrical & Engineering Co., Inc. will commence the activity on or about September 9, 1991.

The Site Manager and the Field Operations Center staff have finalized preparations for the upcoming general public Yucca Mountain Open House and Site Tour scheduled for September 21, 1991. Because of the heavy public demand, approximately 450 visitors are expected.

The Site Manager has been given an advance copy of JP 91-9, Neutron Access Boreholes Program, to review. Pursuant to discussions with the field task coordinator, the plans are to submit JP 91-9 officially to the site office for approval on or about September 9, 1991.

D. Project Planning and Control

No new items this week.

E. Quality Assurance Implementation

No new items this week.

F. Major Oversight Group Meetings

No major meetings this week.

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G. Public Outreach Activities

Conducted a tour to Yucca Mountain on Tuesday, September 3, 1991, for Senator Malcolm Wallop from Wyoming.

H. Systems Management and IntegrationTechnical Data Management

No new items this week.

Geographic Information System (GIS)

No new items this week.

II. ANALYSIS & VERIFICATION DIVISION (AVD)

No new items this week.

III. GENERAL INFORMATION ITEMSYMP

The Title I Design Summary Report, Revision 1, Draft H, was completed and submitted to OCRWM.

The Technical Requirements Document for YMP Surface-Based Testing, Revision IV, is in Quality Management Procedure 06-04 review.

The Waste Acceptance Preliminary Specifications for Vitrified High Level Waste Forms was submitted with a change request to the Change Control Board.

The Value Engineering Plan was transmitted to OCRWM. In conjunction with the Design Summary Report, this completes all Energy Systems Acquisition Advisory Board formal requirements.

Technical and Management Support Services

A management review of the Construction Implementation Plan was initiated.

RAYTHEON SERVICES NEVADA

The final Title I Design Package was modified to reflect resolution of the YMPO comments and was submitted to YMPO.

Writing of the Engineering Plan for Title II is in progress.

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LOS ALAMOS NATIONAL LABORATORY

Basis for selection of the South Portal as the first to be constructed was provided for the Construction Implementation Plan.

LAWRENCE LIVERMORE NATIONAL LABORATORY

A presentation for the Nuclear Waste Technical Review Board (NWTRB) "Evaluation of Ranges of Thermal Loading for High Level Waste Disposal" Workshop was prepared.

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>YMFO Contact</u>
A. <u>DOE/HQ Meetings</u>			
Thursday, September 5	Program Management Meeting	Washington, DC	C. Gertz
B. <u>Internal and DOE/NV Meetings</u>			
No meetings scheduled.			
C. <u>NRC Interactions</u>			
Thursday, September 12	NRC Management Mtg. on Procedural Agreements	Washington, DC	T. Bjerstedt
Monday, September 16	NRC TE on ESF Design Status	Washington, DC	J. Cooper
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	T. Bjerstedt
Wednesday, November 20	NRC Interactions Scheduling Meeting	Washington, DC	J. Cooper

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NWTRB Interactions (P)</u>			
Wednesday- Thursday, September 18-19	SG&G Panel Mtg. on ESF Design Review	Las Vegas, NV	A. Simmons
Wednesday- Friday, September 25-27	T&S Panel Meeting	Arlington, VA	A. Simmons
Tuesday- Thursday, October 8-10	NWTRB Full Board Meeting	Las Vegas, NV	A. Simmons
Tuesday- Wednesday, November 12-13 TENTATIVE	SG&G Panel Mtg. on Borehole Sealing and Backfilling, and ESF Design	Seattle, WA	A. Simmons

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Monday, September 9	Univ. of Nevada/ Reno attendees	Info Office Las Vegas, NV	C. Gertz
Wednesday, September 18	Carpenters' Local #1780 (P)	Las Vegas, NV	C. Gertz A. Robison
Monday, September 23	Colorado Mountain College	Leadville, CO	A. Gil
Tuesday, September 24	YM Lecture Series "Volcanoes" (P)	Info Office, Las Vegas, NV	B. Crowe
Thursday, September 26	YM Lecture Series "Volcanoes" (P)	Beatty, NV	B. Crowe
Thursday, September 26	Lions Club	Las Vegas, NV	A. Robison
Saturday, September 28	Frontier Girl Scout Council	Info Office, Las Vegas, NV	A. Gil J. Younker M. Pendleton C. Barry J. Cooper

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u> (continued)			
Monday, September 30	Focus '91 Nuclear Waste Packaging	Las Vegas, NV	C. Gertz
Thursday, October 3	West Virginia Inst. of Technology	Montgomery, WV	M. Powell D. Harrison- Geisler
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
Date TBD	US DOE Waste Mgmt. Education & Research Consortium	Las Vegas, NV	C. Gertz
Saturday, October 26	Boy Scout Atomic Energy Workshop	Info Office, Las Vegas, NV	E. Harle
Tuesday, October 29	YM Lecture Series "Environment" (P)	Info Office, Las Vegas, NV	G. Fasano
Tuesday, November 5	National Contractors Management Assn.	Las Vegas, NV	C. Gertz
Tuesday, November 19	YM Lecture Series "Earthquakes" (P)	Info Office, Las Vegas, NV	J. King
Thursday, November 21	YM Lecture Series "Earthquakes" (P)	Beatty, NV	J. King

John W. Bartlett

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<u>Date</u>	<u>Event</u>	<u>Location</u>
F. <u>Exhibits Scheduled</u>		
Tuesday-Friday, September 17-20	Nevada Association of Counties	Fallon, NV
Saturday, September 21	Public Open House (P)	Las Vegas, NV
Thursday-Sunday, September 26-29	Women of the '90s (P)	Las Vegas, NV
Friday-Sunday, September 27- October 6	Jaycees State Fair (P)	Las Vegas, NV
Thursday- Saturday, October 3-5	Nevada Library Association	Reno/Sparks, NV
Thursday- Saturday, October 10-12	Nevada League of Cities	Mesquite, NV
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
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u>		
Saturday, September 21	Public Open House (P)	Various Escorts
Wednesday, September 25	Nevada Association of Fleet Managers	TBD

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<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Tuesday, October 22	Northern States Power	TBD
Wednesday, October 23	Public Open House (P)	Various Escorts
Saturday, November 16	Public Open House (P)	Various Escorts

YMP:DLH-5576

Maxwell Blanchard
 for 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, 
 Donald Schweitzer, BNL, Upton, NY
 R. J. Herbst, LANL, Los Alamos, NM
 D. T. Oakley, LANL, Washington, DC
 L. J. Jardine, LLNL, Livermore, CA
 T. E. Blejwas, SNL, 6310, Albuquerque, NM
 R. W. Lynch, SNL, 6300, Albuquerque, NM
 R. L. Bullock, RSN, Las Vegas, NV



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

SEP 20 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
SEPTEMBER 13, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Office of Civilian Radioactive Waste Management (OCRWM) 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
H2: Prepare transition plan from current document hierarchy to new document hierarchy (Management System Improvement Strategy).	3/15/91	TBD
H4: Letter transmittal to the U.S. Nuclear Regulatory Commission (NRC) by the Office of Systems and Compliance (OSC) informing them of implementation of the Design Control Process by OCRWM.	3/31/91	9/16/91

H6: OCRWM baselines ESF system 7/31/91 TBD
 requirements in accordance with
 formal Project Change Control
 Board (PCCB) process (includes
 quality assurance Administrative
 Procedure (AP)-3.1 Review and
 PCCB action).

Note: At this time none of the above M/S appear to have a
 specific impact on OCRWM M/S H10, the initial phase of ESF
 portal construction.

Site Characterization Plan (SCP) Progress Report (PR)

The Yucca Mountain Site Characterization Project Office (YMPO) sent
 OCRWM a concurrence draft of PR 4 on July 31, 1991. Guidance for
 input to PR 5 was sent to participant organizations on
 September 6, 1991, and compilation of input has started.

SCP Comments

YMPO staff is making final preparations for release of the response
 document to the State of Nevada's September 1989 comments on the
 SCP.

SCP Study Plan Status

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	10
In YMPO/HQ Verification Audit	8
Verification Complete-Awaiting HQ sign-off	0
Awaiting YMPO Approval	1
Approved and Awaiting transmittal to NRC	1
NRC Phase 1 Review	20
NRC Acceptance	8
Total	66
Received Comments from the State of Nevada	6
Response Transmitted to the State of Nevada	4
Received Comments from the NRC	4
Responses Transmitted to HQ	3
Responses Transmitted to NRC	3

Early Site Suitability Evaluation (ESSE)

The report is still being revised by the Peer Review Team. Meetings with the peer reviewers are also being held this week. A briefing was given to OCRWM management and the Edison Electric Institute on the status of ESSE on September 12, 1991, in Washington, D.C.

B. Environmental Programs

Environmental Compliance and Permitting

Preparations continue for the State of Nevada water appropriation permit hearing scheduled for September 24 - October 4, 1991.

C. Field Operations

On-site refresher General Employee Training classes began September 3, 1991.

The Site Manager has initiated action through Reynolds Electrical & Engineering Co., Inc. (REECo) to repair and upgrade the road to the top of Yucca Mountain. These repairs are required due to a severe rainstorm and flash flood that created numerous wash-outs. The work will be completed prior to the September 21, 1991, Yucca Mountain Public Open House and Site Tour.

The YMP five-year master plan for site development of Area 25 is in the process of being finalized and documents prepared. The planning booklets will be forwarded to the U.S. Department of Energy (DOE)/HQ, OCRWM, and DOE Field Office, Nevada. Copies will also be forwarded to the respective division directors and YMP management.

The Site Manager authorized and issued for distribution two Job Packages (JPs). They are JP 91-5, Ongoing Field Activities, and JP 91-6, Auger Holes at the Hydrological Research Facility (HRF). JP 91-9, Neutron Access Boreholes Program, is being reviewed and execution of this activity is anticipated within two weeks.

Field operations initiated JP 91-6, Auger Holes at the HRF. REECo and other participants, Raytheon Services Nevada (RSN) and U.S. Geological Survey, are working on the second of three auger holes. Work is progressing ahead of schedule.

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D. Project Planning and Control

Staff attended the Steering Committee Meeting on September 10, 1991. Staff from the Management and Operations Contractor also attended. Discussion was held to determine how to improve variance analysis reporting.

Fiscal year 1992 planning instructions have been finalized.

E. Quality Assurance Implementation

No new items this week.

F. Major Oversight Group Meetings

No major meetings scheduled this week.

G. Public Outreach and Institutional Activities

A technical project overview presentation was given by Carl Gertz at the Yucca Mountain Information Office (YMIO), Las Vegas, Nevada, September 9, 1991, to faculty members of the University of Nevada, Reno, Nevada. Following the presentation, A. C. Robison guided the group through a tour of the Climax Mine Spent Fuel Test Exhibit and other displays at YMIO. A tour was conducted for this group of the Yucca Mountain site, Tuesday, September 10, 1991.

A project exhibit was set up and staffed for the American Society for Public Administration Meeting held at the Golden Nugget Hotel in Las Vegas, Nevada, on September 8-11, 1991.

A project overview presentation was given to union representatives by A. C. Robison at YMIO on September 12, 1991, prior to their departure for a tour of Yucca Mountain.

Project staff members met with affected units of local government regarding financial assistance and Payment-Equal-To-Taxes issues.

Project staff provided assistance to Daniel Metlay, Director of the Task Force on OCRWM, in planning a public meeting in Nevada.

Preparations have begun for an upcoming lecture series at the two YMIOs. Bruce Crowe, Los Alamos National Laboratory, will give a lecture at YMIO, Las Vegas, Nevada, September 24, 1991, and at YMIO, Beatty, Nevada, September 26, 1991.

H. Systems Management and Integration

Technical Data Management

Work continues on the final draft of the Technical Data Handbook. Revisions to procedures AP-5.1Q and AP-5.2Q are still in review, and comments are due by September 16, 1991. A printout of information currently in the Automated Technical Data Tracking system has been distributed to the participants for editing prior to production of the quarterly data catalog.

Geographic Information System

Maps showing locations of all proposed drill hole locations have been prepared and given to the Sample Overview Committee for review. These locations will be placed under change control. All environmental study areas are now included in the database and can be used to examine potential interference between the environmental programs and new surface disturbing work. The latest version of the ESF Title 1 design has been added to the database, and products have been generated to show potential intersections of drill holes with the underground workings.

II. ANALYSIS & VERIFICATION DIVISION

Participated in a dry run for the September 16, 1991, DOE/NRC Meeting on design control on September 10, 1991, in Washington, D.C.

Participated in a meeting to discuss the status of design control activities with the Deputy Director on September 13, 1991, in Washington, D.C.

III. GENERAL INFORMATION ITEMS

YMP

A dry run for the NRC Design Control Meeting was held on Tuesday, September 10, 1991, in Washington, D.C.

The System Requirements Document and the System Description, as used for ESF Title I revision activities, were submitted to OSC for concurrence.

Technical and Management Support Services

All comments were received and are being resolved on the Quality Management Procedure (QMP)-06-04 Management and Technical Review of the metrification plan.

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All comments have been received for the QMP-06-04 Management and Technical Review on the ESF Maintainability Program Plan and the Risk Management Program Plan. Comment resolution is underway.

Comment resolution was completed for the QMP 06-04 Management and Technical Review of the Requirements for the YMP Surface-Based Testing. All comments have been resolved and incorporated into the document.

An evaluation of container requirements for spent fuel hardware was completed for Total System Life Cycle Cost.

A revision to the ESF Design Requirements (ESFDR) was initiated in preparation for baselining.

All comments have been received for the QMP-06-04 Management and Technical Review on the Construction Implementation Plan. Comment resolution is underway.

RSN

Presentations of the Reference Design Concept were developed for the Nuclear Waste Technical Review Board (NWTRB) Meeting next week.

Parsons Brinkerhoff employees collocated with RSN completed their work assignments on the project this week. One supervisor employee will remain through the end of September 1991.

Los Alamos National Laboratory

The draft revision of Appendix B of the ESFDR has been completed.

A presentation on fluid material and tracer handling was prepared for next week's NWTRB Meeting.

Lawrence Livermore National Laboratory

A dry run was held on Wednesday, September 11, 1991, for the NWTRB "Evaluation of Ranges of Thermal Loading for High-Level Waste Disposal" Meeting in October 1991.

Sandia National Laboratories

No significant items to report 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. 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>			
No meetings scheduled.			
B. <u>Internal and DOE/NV Meetings</u>			
Tuesday, September 17	NV Manager's Program Review	Las Vegas, NV	C. Gertz
C. <u>NRC Interactions</u>			
Monday, September 16	NRC TE on ESF Design Status	Washington, DC	J. Cooper
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	T. Bjerstedt
Wednesday, November 20	NRC Interactions Scheduling Meeting	Washington, DC	J. Cooper
D. <u>NWIRB Interactions (P)</u>			
Wednesday- Thursday, September 18-19	SG&G Panel Mtg. on ESF Design Review	Las Vegas, NV	A. Simmons
Wednesday- Friday, September 25-27	T&S Panel Meeting	Arlington, VA	A. Simmons

SEP 20 1991

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NWTRB Interactions (P) (continued)</u>			
Tuesday- Thursday, October 8-10	NWTRB Full Board Meeting	Las Vegas, NV	A. Simmons
Tuesday- Wednesday, November 12-13 TENTATIVE	SG&G Panel Mtg. on Borehole Sealing and Backfilling, and ESF Design	Seattle, WA	A. Simmons
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Wednesday, September 18	Carpenters' Local #1780 (P)	Las Vegas, NV	C. Gertz A. Robison
Monday, September 23	Colorado Mountain College	Leadville, CO	A. Gil
Tuesday, September 24	YM Lecture Series "Volcanoes" (P)	YMIO, Las Vegas, NV	B. Crowe
Thursday, September 26	YM Lecture Series "Volcanoes" (P)	Beatty, NV	B. Crowe
Thursday, September 26	Lions Club	Las Vegas, NV	A. Robison
Saturday, September 28	Frontier Girl Scout Council	YMIO, Las Vegas, NV	A. Gil J. Younker M. Pendleton C. Barry J. Cooper
Monday, September 30	Focus '91 Nuclear Waste Packaging	Las Vegas, NV	C. Gertz
Thursday, October 3	West Virginia Inst. of Technology	Montgomery, WV	M. Powell D. Harrison- Geisler
Monday, October 7	DOE Waste Manage- ment Education & Research Consortium	Las Vegas, NV	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u> (continued)			
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
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 Docentz Spring Mountain Ranch	Las Vegas, NV	R. Arnold
Tuesday, November 5	National Contractors Management Assn.	Las Vegas, NV	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
Monday, November 18	Green Valley Library "Volcanoes"	Henderson, NV	B. Crowe
Tuesday, November 19	YM Lecture Series "Earthquakes" (P)	YMIO, Las Vegas, NV	J. King
Thursday, November 21	YM Lecture Series "Earthquakes" (P)	Beatty, NV	J. King

SEP 20 1991

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. <u>Exhibits Scheduled</u>		
Tuesday-Friday, September 17-20	Nevada Association of Counties	Fallon, NV
Wednesday, September 18	Carpenters Local #1780 (P)	Las Vegas, NV
Saturday, September 21	Public Open House (P)	Las Vegas, NV
Thursday-Sunday, September 26-29	Women of the '90s (P)	Las Vegas, NV
Friday-Sunday, September 27- October 6	Jaycees State Fair (P)	Las Vegas, NV
Thursday- Saturday, October 3-5	Nevada Library Association	Reno/Sparks, NV
Thursday- Saturday, October 10-12	Nevada League of Cities	Mesquite, NV
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
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u>		
Friday, September 20	Japan Development Bank	A. Stephenson
Saturday, September 21	Public Open House (P)	Various Escorts

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<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Wednesday, September 25	Nevada Association of Fleet Managers	TBD
Wednesday, October 2	Sun City Summerlin	TBD
Thursday, October 3 (VLCO Lead)	American Nuclear Society	TBD
Friday, October 11	Quail Estates	TBD
Tuesday, October 22	Northern States Power	TBD
Wednesday, October 23	Public Open House (P)	Various Escorts
Saturday, October 26	Public Open House (P)	Various Escorts
Saturday, November 16	Public Open House (P)	Various Escorts

YMP:DLH-5649

for Maxwell Blanchard
Carl P. Gertz
Project Manager

cc:

H. H. Brandt, HQ (RW-13) FORS
J. C. Bresee, HQ (RW-10) FORS
S. J. Brocoun, 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 Rouso, HQ (RW-10) FORS
J. D. Saltzman, HQ (RW-5) FORS
D. E. Shelor, HQ (RW-30) FORS