



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: March 21, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the week February 22, 1991 and the week of March 1, 1991.

There is nothing requiring specific management attention in these reports.

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cc w/encs.: King Stablein, M/S 4 H 3
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Yucca Mountain Site Characterization
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WBS 1.2.9
QA: N/A

MAR 06 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
MARCH 1, 1991

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

A. Site Characterization Planning

Early Site Suitability Evaluation (ESSE)

The ESSE Core Team met in Las Vegas, Nevada, on February 27-28, 1991, and March 1, 1991. The principal items on their agenda were the following: (1) to discuss performance assessment codes that can support ESSE and to decide on appropriate usage, (2) to develop a consolidated definition of suitability and unsuitability for Core Team use, (3) to review preliminary guideline evaluations and provide input where appropriate, and (4) to develop an understanding of and consistency with the Testing Prioritization Task (TPT).

Talks were prepared for presentation to the Nuclear Waste Technical Review Board (NWTREB) on March 6, 1991.

Midway Valley Trenching

The Midway Valley Trench 14 design verification has been completed.

The Engineering Plan, Revision 3, for Trench 14 has been approved.

Site Characterization Plan (SCP) Progress Report

The final draft of the third semiannual "Progress Report on Site Characterization: Yucca Mountain, Nevada" (SPR 3) for the period April through September 1990 is still at U.S. Department of Energy/Headquarters (DOE/HQ), pending completion of concurrence review by the U.S. Office of General Counsel. Upon completion of this review, the Yucca Mountain Site Characterization Project Office (YMPO) will finalize a camera-ready copy of SPR 3 for submittal for printing.

SCP Comments

Work continues on response development for the State of Nevada's September 1989 SCP comment package. An Integration Group Meeting is scheduled in Las Vegas, Nevada, on March 12-14, 1991, to prepare and review responses to the comments in this large package.

 STATUS OF SCP COMMENT RESPONSE PACKAGES

COMMENT PACKAGES ON STATUTORY SCP	STATUS	NUMBER OF COMMENTS	ANTICIPATED 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	Released 6/11/90	53 letters	-
California Energy Commission	Released 12/13/90	38	-
Lincoln County Board of Commissioners	Released 12/13/90	6	-
Environmental Protection Agency	Released 1/4/91	12	-
Edison Electric Institute	Released 12/14/90	28	-
U.S. Department of Interior	Released 12/14/90	35	-
NRC's Site Characterization Analysis	Released 12/14/90	198	-
State of Nevada ESF Comments	Released 12/13/90	58	-
NV Midway Valley SCP Comments	Released 12/18/90	10	-
NV Ca-Si SCP Comments	Released 12/18/90	13	-
NV SCP Comments (main pkg.)	-	1,917*	in progress

* Minus 23 Nevada comments applicable to Midway Valley and Quaternary Regional Hydrology (AKA: Ca-Si) Study Plans.

SCP Study Plan Status

Study Plan 8.3.1.2.1.3, "Characterization of Regional Ground-Water Flow System," and Study Plan 8.3.1.17.4.6, "Quaternary Faulting Within the Site Area," were transmitted to the U.S. Nuclear Regulatory Commission (NRC).

A draft of Study Plan 8.3.1.5.1.3, "Climatic Implications of Terrestrial Paleocology," was received from the U.S. Geological Survey for review.

Reviews have been completed and YMPO approval is underway for Study Plan 8.3.1.2.2.3, "Characterization of Percolation in the Unsaturated Zone—Surface Based Study," Study Plan 8.3.1.2.1.1, "Characterization of Meteorology for Regional Hydrology," and Study Plan 8.3.1.12.2.1, "Meteorological Data Collection for the Yucca Mountain Site."

STUDY PLAN BREAKDOWN

In Revision After Screening Review	1
In YMPO Review	15
Awaiting Comment Resolution Meeting	11
Awaiting Author Revision	7
In YMPO/HQ Verification Audit	2
Verification Complete—Awaiting HQ Sign-off	2
Awaiting YMPO Approval	3
Approved and Awaiting Transmittal to NRC	4
NRC Acceptance Review	14
NRC Acceptance	4
Total	63

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

YMPO has authorized Raytheon Services Nevada to proceed with a "Design Study to Develop a Reference Exploratory Shaft Facility" to be used as input to the Title I Design Summary Report. Option 30 of the ESF Alternatives Study will be the basis for development, modified to reflect: (1) movement of the test area from the southern portal to the northern portal; (2) inclusion of an optional vertical shaft to facilitate collection of scientific data should this activity be required; and (3) excavated ground material to be located in a more aesthetic manner to minimize its visibility.

Sandia National Laboratories (SNL) has lifted its temporary suspension on review of the YMP ESF Design Requirements Document. The temporary suspension will not impact on the March 29, 1991, milestone of placing the document under YMP control.

Testing Prioritization Task

The Core Team edited the Phase I final report based on comments received from management and transmitted the report to the YMPO on March 1, 1991.

The Core Team participated in ESSE Meetings.

B. Environmental Programs

Environmental Compliance and Permitting

Another meeting was held with the National Park Service (NPS) to review their comments on the YMPO groundwater monitoring plan. All comments were resolved, and the finalized plan will be sent to the NPS for action. NPS personnel stated they will withdraw their protest of the water appropriation permit upon receipt of the finalized plan.

Environmental Field Programs

A geo-positioning system was tested for precision and accuracy. This device will be used to more accurately locate tortoise burrows and sitings in a more cost effective and speedier manner.

Three traffic counters were installed for disturbance monitoring supporting site characterization effect studies.

C. Field Operations

The Site Manager and support staff finalized the preparations needed to support the planned Yucca Mountain Site Open House and Tour scheduled for March 2, 1991. A trauma nurse will be placed on standby at the Yucca Mountain Site Office. Several key personnel and assignments were delegated by the Site Manager, i.e., traffic controllers, crowd control monitors, bus monitor at Gate 510, and telephone/radio dispatcher.

A survey crew is gathering topographical information for the ESF northern portal.

A tour of the Sample Management Facility for the Soviet Academy of Sciences, the National Academy of Sciences, and the DOE representative was held on February 18, 1991.

D. Project Planning and Control

YMP staff supported the YMPO briefing of TRW, Inc., personnel. A storyboard was developed and viewgraphs depicting the Planning and Control System (PACS) planning process were presented.

An in-depth analysis of the impact to the PACS accounts created by the integration with the schedule module was completed. A complete set of PACS planning documents for each participant was produced and distributed.

Books of PACS fiscal year 1991 planning products were created for David Dobson, YMPO. The books contain planning and scheduling account work authorization forms and summary account planning sheets for all participants in David Dobson's Project Work Breakdown Structure areas of responsibility.

E. Quality Assurance Implementation

A surveillance was conducted February 26-28, 1991, at Los Alamos National Laboratory to review implementation of Criteria 2, 6, 16 and 17.

A surveillance was conducted at SNL to close outstanding deficiency reports.

A Reynolds Electrical & Engineering Co., Inc., Audit was conducted February 25 through March 2, 1991.

F. Major Oversight Group Meetings

No major group meetings reported this week.

G. Public Outreach Activities

Arrangements were finalized and a rehearsal was held on Friday, February 22, 1991, for the Yucca Mountain Open House and Tour scheduled for March 2, 1991.

YMP staff prepared briefing materials and presentation packages and accompanied Carl Gertz to a presentation at Waste Management '91 in Tucson, Arizona.

YMP staff conducted the following public presentations:

February 25, 1991	Burkholder Junior High	Las Vegas, Nevada
February 27, 1991	TRW Employees	Las Vegas, Nevada
February 28, 1991	Southern Nevada Retired Teachers	Las Vegas, Nevada

YMP staff made the following internal presentation:

February 28, 1991 DOE/NV Senior Management Las Vegas, Nevada
Meeting

Work continued on updating the 1991 YMP exhibit schedule. Personnel staffed the YMP exhibit at the American Institute of Mining, Metallurgical, and Petroleum Engineers/Society of Mining Engineers (AIME/SME) in Denver, Colorado.

Procurement activities continued for a Climax Mine display for the YMP Information Office in Las Vegas, Nevada.

Revision of the draft education package for grades 7-9 continued.

H. Near Term Decision Plan

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

I. Management System Improvement Strategy

No significant new information to report.

II. ANALYSIS & VERIFICATION DIVISION

Attended the NWTB Structural Geology and Geoengineering Panel Meeting on Volcanic Hazards on March 1, 1991, in Tucson, Arizona.

Participated in and observed the Site Suitability Core Team Meeting on February 27 through March 1, 1991, in Las Vegas, Nevada.

Attended the Waste Management '91 Conference on February 24-28, 1991, in Tucson, Arizona.

Attended the joint AIME/SME and National Western Mining Conference on February 24-28, 1991, in Denver, Colorado. In conjunction with the conference, participated in a course to be presented by the U.S. Bureau of Mines on underground mine design and openings analysis using a personal computer in Denver, Colorado, on March 1, 1991.

III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

No significant new 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.

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
A. <u>DOE/HQ Meetings</u>			
Wednesday- Thursday, April 3-4	Strategic Principles Workshop	Denver, CO	C. Gertz, YMPO
B. <u>Internal and DOE/NV Meetings</u>			
Friday, March 8	Program Management Meeting	Washington, DC	C. Gertz, YMPO
Thursday, March 21	Planning & Budget Meeting	Las Vegas, NV	C. Gertz, YMPO
Friday, March 22	TPO Meeting	Las Vegas, NV	C. Gertz, YMPO
C. <u>Exhibits</u>			
Monday- Monday, February 18-25	National Engineers Week, Boulevard Mall	Las Vegas, NV	A. Robison/ J. Lorenz, YMPO
D. <u>NRC Interactions</u>			
RESCHEDULED Friday, April 5	NRC Bimonthly QA Meeting	Rockville, MD	D. Horton, YMPO
RESCHEDULED Late March	DOE Site Visit to CNWRA	San Antonio, TX	A. Simmons, YMPO
Tuesday, March 12	NRC Management Mtg. on Procedural Agreements	Washington, DC	A. Simmons, YMPO
Wednesday- Thursday, March 20-21	NRC TE on Radionuclide Retardation & Mineral Stability	West Coast Site	A. Simmons, YMPO

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NRC Interactions</u> (continued)			
Friday, April 5	NRC Bimonthly QA Meeting	Rockville, MD	A. Simmons, YMPO
Tuesday, April 16	NRC Thermal Loading and Repository Design Staff Technical Position TE	Washington, DC	A. Simmons, YMPO
Wednesday, May 15	WIPP Roundtable Discussion	TBD	A. Simmons, YMPO
E. <u>NWTRB Interactions</u> (P)			
Friday, March 1	NWTRB Meeting on Volcanic Hazards & Vulnerability	Tucson, AZ	A. Simmons, YMPO
Wednesday- Thursday, March 6-7	NWTRB Structural Geology & Geo-engineering Panel Mtg. on CHRBA, ESFA, ESSE, and TPT	Denver, CO	A. Simmons, YMPO
Thursday- Friday, March 14-15	NWTRB Transportation and Systems Panel Meeting	Albuquerque, NM	TBD
Tuesday- Wednesday, March 26-27	NWTRB Joint QA/SG&G Panel Mtg. on QA of ESF Preliminary Design & DOE QA Program	Dallas, TX	A. Simmons, YMPO
Tuesday- Thursday, April 16-18	NWTRB Full Board Meeting	Reno, NV	A. Simmons, YMPO
Tuesday- Thursday, July 16-18	NWTRB Full Board Meeting	Arlington, VA	A. Simmons, YMPO
Tuesday- Thursday, October 8-10	NWTRB Full Board Meeting	TBD	A. Simmons, YMPO

F. State and Public Interactions (P)

Saturday, March 2	Yucca Mountain Project Open House	YM Site, NV	C. Gertz, YMPO
Tuesday, March 5	UMTRA Project Coordination Meeting	Las Vegas, NV	C. Gertz, YMPO
Friday, March 8	American Chemical Society	Reno, NV	C. Gertz, YMPO
Tuesday, March 12	Clark County Community College Morning Presentation	Las Vegas, NV	A. Robison, YMPO
Tuesday, March 12	Clark County Community College Panel Discussion	Las Vegas, NV	Gertz/Fasano/ Andrews, YMPO
Thursday, March 14	Rotary Club	Ely, NV	C. Gertz, YMPO
Thursday, March 14	Bureau of Land Management	Ely, NV	C. Gertz, YMPO
Friday, March 15	League of Women Voters of E. Sierra	Las Vegas, NV	A. Robison, YMPO
Monday, March 18	Second Int'l Waste Mgmt. Conference	Las Vegas, NV	C. Gertz, YMPO
Thursday, April 4	American Nuclear Society	Tucson, AZ	A. Robison, YMPO
Tuesday, April 16	Tunnels '91	Golden, CO	C. Gertz, YMPO
Wednesday, May 1	High Level Waste Mgmt. Conference	Las Vegas, NV	C. Gertz, YMPO
Tuesday- Thursday, June 18-20	DOE EBS Workshop	Denver, CO	Gertz/ Cloninger, YMPO

YMP:DLH-2444

Maxwell Blanchard
 for Carl P. Gertz
 Project Manager



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

FEB 28 1991

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
FEBRUARY 22, 1991

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

A. Site Characterization Planning

Early Site Suitability Evaluation (ESSE)

The requisite management and quality activities for the initiation of the ESSE task were completed with the approval and controlled distribution of the OGD Activity Plan (approved January 31, 1991), the Quality Assurance (QA) Grading Report (approved January 25, 1991), and the Technical and Management Support Services (T&MSS) contractor Implementation Plan (approved January 28, 1991). The ESSE Core Team was appointed. In a meeting held on February 7-8, 1991, the Core Team received training in the procedures of the T&MSS contractor. At the meeting, assignments were made for developing a method for determining site suitability. The ESSE Core Team will evaluate the system and technical qualifying and disqualifying conditions contained in the general guidelines of 10 CFR Part 960. Preliminary reports on the status of the existing findings for all siting guidelines were to be delivered to the Core Team Leader on February 19, 1991.

Midway Valley Trenching

All activities associated with trenching remain in place ready to commence work. Subsequent reports will not contain weekly status of Midway Valley-Calcite Silica planning.

Site Characterization Plan (SCP) Progress Report

The final draft of the third semiannual "Progress Report on Site Characterization: Yucca Mountain, Nevada," (SPR 3), for the period April through September 1990, is still undergoing concurrence review at the U.S. Department of Energy/Headquarters (DOE/HQ). Upon completion of this review, the Yucca Mountain Site Characterization Project Office (YMPO) will finalize a camera-ready copy of SPR 3 for submittal for printing.

SCP Comments

Work continues on response development for the State of Nevada's comments on the SCP.

SCP Study Plan Status

Study Plan 8.3.1.17.4.10., "Geodetic Leveling," was sent to the U.S. Nuclear Regulatory Commission (NRC) on February 14, 1991.

- STUDY PLAN BREAKDOWN

In Revision After Screening Review	1
In YMPO Review	14
Awaiting Comment Resolution Meeting	11
Awaiting Author Revision	7
In YMPO/HQ Verification Audit	4
Verification Complete-Awaiting HQ Sign-off	3
Awaiting YMPO Approval	0
Approved and Awaiting Transmittal to NRC	6
NRC Acceptance Review	12
NRC Acceptance	4
Total	62

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

John Bartlett has provided YMPO approval to proceed with design of an ESF.

Sandia National Laboratories (SNL) has temporarily suspended its review of the YMP ESF Design Requirements document. This suspension will allow for completion of the review of the YMP System Requirements and the YMP Systems Description (also being conducted by SNL) and will allow YMPO to formally accept the

requirements of the Waste Management System Requirements, Volume IV, Revision I, into the Project Technical Baseline prior to the resumption of the review. This temporary suspension is scheduled to be lifted on February 22, 1991, and is not expected to impact the March 29, 1991, milestone of placing the document under project control.

Testing Prioritization Task (TPT)

The Core Team met February 21-22, 1991, to edit the Phase I final report based on comments received from the Management Assessment Meeting conducted February 14, 1991.

The Core Team presented a summary of the TPT latest results to the Technical Project Officers on February 21, 1991.

B. Environmental Programs

Environmental Compliance and Permitting

A meeting was rescheduled for February 20, 1991, with the National Park Service to review their comments on the groundwater monitoring plan necessary to satisfy their protest of the groundwater appropriation permit applications.

Environmental Field Programs

Over 13 miles of washes were surveyed in support of survey requests for a U.S. Geological Survey hydrology study. Approximately 40 miles still require surveying.

Two potential control study areas for tortoise studies were searched. One new tortoise, which had been found during an area search of Ecological Study Plot (COL-1-T), was radio-marked. All radio-marked tortoises were located once. One tortoise moved 30 meters. Two other tortoises may have left and returned to the original burrows during the previous week. Fifteen tortoise hibernacula were measured.

The Desert Tortoise Movements and Habitat Use Study design was revised.

Development of the Raven Abundance Study design was initiated. This study is required by the Biological Opinion issued by the U.S. Fish and Wildlife Service.

C. Field Operations

The Field Operations staff is now making final preparations for readiness of the Yucca Mountain Site Open House and Tour scheduled for March 2, 1991. The logistics and operations consist primarily of light-duty vehicles, radios, feeding services, traffic control provisions, crowd monitors, briefers, and drivers. The number of people is expected to total 600, including tourists, guests, and participants.

The Site Manager is presently reviewing Job Package 91-3, Field Management, in preparation of initiating job package authorization. He is currently reviewing the Planning and Scheduling (P&S) accounts and is anticipating, by the first week in March 1991, to initiate the job package for certain P&S accounts which cover Reynolds Electrical & Engineering Co., Inc., T&MSS, and Raytheon Services Nevada.

The Yucca Mountain Site Office is continuing with the ongoing site training for the General Employee Training Scenario which includes environmental, safety and health, Nevada Test Site security, badging requirements, site access restrictions, and others.

A tour of the Sample Management Facility was conducted for the Soviet Academy of Science, the National Academy of Sciences (NAS), and DOE representatives on February 18, 1991.

A comment resolution meeting of the Branch Technical Procedure-Sample Management Facility-006 was held on February 21, 1991.

D. Project Planning and Control

A complete set of Planning and Control System summary account planning and P&S account work authorization products for Job Package 91-5 were produced. Products were provided to DOE in a tabbed notebook for use in a meeting on February 20, 1990.

E. QA Implementation

A report of the Software QA Workshop was issued to DOE Management with workshop recommendations.

The auditor training course was conducted.

F. Major Oversight Group Meetings

The NAS Review Panel on Coupled Hydrologic, Tectonic, and Hydrothermal Processes at Yucca Mountain met in closed session on January 31, 1991, to begin drafting their report. Preparation of their report is taking place this spring, with completion anticipated before the end of the calendar year.

DOE expects to have delivery of the final report (or possibly reports) of the five-person external peer review of the Szymanski report entitled, "Conceptual Considerations of the Yucca Mountain Groundwater System with Special Emphasis on the Adequacy of this System to Accommodate a High-Level Nuclear Waste Repository," by April 1991.

G. Public Outreach Activities

No major public outreach activities to report this week.

H. Near Term Decision Plan

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

I. Management System Improvement Strategy

No significant new information to report this week.

II. ANALYSIS & VERIFICATION DIVISION

Participated in the DOE/NRC Technical Exchange on the NRC's Final Draft of "Staff Technical Position on Investigations to Identify Fault Displacement and Seismic Hazards at a Geologic Repository" on February 20, 1991, in Rockville, Maryland.

On February 19-22, 1991, participated in systems engineering functional analysis for the physical system, "Dispose Waste," held in Las Vegas, Nevada.

Participated in systems engineering functional analysis for "Provide Suitable Sites" on February 19-22, 1991, in Las Vegas, Nevada.

Participated in a briefing to John Bartlett on the status of, and management issues relevant to, the activities of the Site Suitability Core Team on February 19, 1991, in Washington, D.C.

III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The announcement for the Engineered Barrier System (EBS) Concepts Workshop has been approved at the Office of Civilian Radioactive Waste Management and is being released. A contract has been signed with Holmes Brown, Afton Associates, who will act as workshop facilitator.

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>
A. <u>DOE/HQ Meetings</u>			
Wednesday- Thursday, April 3-4	Strategic Principles Workshop	Denver, CO	C. Gertz, YMPO
B. <u>Internal and DOE/NV Meetings</u>			
Friday, March 8	Program Management Meeting	Washington, DC	C. Gertz, YMPO
C. <u>State and Public Interactions (P)</u>			
Monday, February 25	Burkholder Junior High School	Las Vegas, NV	TBD
Thursday, February 28	'91 Waste Management Conference	Tucson, AZ	C. Gertz, YMPO
Thursday, February 28	Senior Management Review Mtg. DOE/NV	Las Vegas, NV	C. Gertz, YMPO
Thursday, February 28	Retired School Teachers	Las Vegas, NV	A. Robison, YMPO
Saturday, March 2	Yucca Mountain Project Open House	YM Site, NV	C. Gertz, YMPO
Tuesday, March 5	UMTRA Project Coordination Meeting	Las Vegas, NV	C. Gertz, YMPO
Friday, March 8	American Chemical Society	Reno, NV	TBD
Tuesday, March 12	Clark County Comm. College (CCCC) Morning Presentation	Las Vegas, NV	A. Robison, YMPO
Tuesday, March 12	CCCC Panel Discussion	Las Vegas, NV	Gertz/Fasano/ Andrews, YMPO

C. State and Public Interactions (P) (continued)

Thursday, March 14	Gen'l Services of Clark County	Las Vegas, NV	TBD
Thursday, March 14	Rotary Club	Ely, NV	C. Gertz, YMPO
Thursday, March 14	Bureau of Land Management	Ely, NV	C. Gertz, YMPO
Friday, March 15	League of Women Voters of E. Sierra	Las Vegas, NV	A. Robison, YMPO
Monday, March 18	Second International Waste Mgmt. Conf.	Las Vegas, NV	C. Gertz, YMPO
Tuesday, March 19	Esmeralda County Transportation Overview	Esmeralda Co., NV	W. Andrews/ P. Seidler, YMPO
Thursday, April 4	American Nuclear Society	Tucson, AZ	A. Robison, YMPO
Tuesday, April 16	Tunnels '91	Golden, CO	C. Gertz, YMPO
Wednesday, May 1	High Level Waste Mgmt. Conference	Las Vegas, NV	C. Gertz, YMPO

D. Exhibits

Monday- Monday, February 18-25	National Engineers Week, Boulevard Mall	Las Vegas, NV	A. Robison/ J. Lorenz, YMPO
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E. NRC Interactions

Thursday, March 7	NRC Bimonthly QA Meeting	Rockville, MD	D. Horton, YMPO
Rescheduled Wednesday- Thursday, March 6-7	DOE Site Visit to CNWRA	San Antonio, TX	A. Simmons, YMPO
Tuesday, March 12	NRC Management Mtg. on Procedural Agreements	Washington, DC	M. Blanchard, YMPO

E. NRC Interactions (continued)

Wednesday- Thursday, March 20-21	NRC TE on Radionuclide Retardation & Mineral Stability	West Coast Site	A. Simmons, YMPO
Tuesday, April 16	NRC Thermal Loading and Repository Design Staff Technical Position TE	Washington, DC	M. Cloninger, YMPO
Wednesday, May 15	WIPP Roundtable Discussion	TBD	R. Dyer, YMPO

F. NWTRB Interactions (P)

Friday, March 1	NWTRB Meeting on Volcanic Hazards & Vulnerability	Tucson, AZ	A. Simmons, YMPO
Wednesday- Thursday, March 6-7	NWTRB Structural Geology & Geo- engineering Panel Mtg. on CHRBA, ESFA, ESSE, and TPT	Denver, CO	D. Dobson/ E. Petrie/ R. Dyer, YMPO
Thursday- Friday, March 14-15	NWTRB Transportation and Systems Panel Meeting	Albuquerque, NM	TBD
Tuesday- Wednesday, March 26-27	NWTRB Joint QA/SG&G Panel Mtg. on QA of ESF Preliminary Design & DOE QA Program	Dallas, TX	D. Dobson/ E. Petrie/ D. Horton, YMPO
Tuesday- Thursday, April 16-18	NWTRB Full Board Meeting	Reno, NV	A. Simmons, YMPO
Tuesday- Thursday, June 18-20	NWTRB EBS Workshop	Denver, CO	Cloninger/ Petrie, YMPO
Tuesday- Thursday, July 16-18	NWTRB Full Board Meeting	Arlington, VA	A. Simmons, YMPO

John W. Bartlett

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F. NWTRB Interactions (P) (continued)

Tuesday-
Thursday,
October 8-10

NWTRB Full Board
Meeting

TBD

A. Simmons,
YMPO



Carl P. Gertz
Project Manager

YMP:DLH-2309

cc:

H. H. Brandt, HQ (RW-13) FORS
 J. C. Bresee, HQ (RW-10) FORS
 S. J. Brocoum, HQ (RW-22) FORS
 B. A. Cerny, HQ (RW-14) FORS
 M. A. Ferguson, HQ (RW-5) FORS
 Stephanie Hannah, HQ (PA-3) FORS
 T. H. Isaacs, HQ (RW-4) FORS
 G. P. King, HQ (RW-5) FORS
 R. A. Milner, HQ (RW-40) FORS
 F. G. Peters, HQ (RW-2) FORS
 Samuel Rousso, HQ (RW-10) FORS
 D. E. Shelor, HQ (RW-30) FORS
 C. M. Smith, HQ (RW-2) FORS
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 Robert Jackson, Weston, Washington, DC
 Donald Schweitzer, BNL, Upton, NY
 R. J. Herbst, LANL, Los Alamos, NM
 D. T. Oakley, LANL, Washington, DC
 L. J. Jardine, LLNL, Livermore, CA
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 R. W. Lynch, SNL, 6300, Albuquerque, NM
 R. L. Bullock, RSN, M/S 403, Las Vegas, NV
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 R. E. Lowder, MACTEC, Las Vegas, NV
 R. F. Pritchett, REECO, Las Vegas, NV
 P. W. Austin, SAIC, McLean, VA
 S. D. Bates, SAIC, Las Vegas, NV
 G. K. Beall, SAIC, Las Vegas, NV
 C. M. Binzer, SAIC, Las Vegas, NV
 M. J. Borich, SAIC, Las Vegas, NV