



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: David Brooks, Acting Director, HLPD, M/S 4 H 3

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

DATE: February 4, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS, i.e., OFFICE  
OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced OGD report  
for the week ending January 17, and 24, 1992.

There is nothing requiring specific management  
attention in the reports.

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cc w/encs.: King Stablein, M/S 4 H 3  
Rosetta Virgilio, M/S 3 D 23  
Dean Kunihiro, Region 5

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**Department of Energy**  
Yucca Mountain Site Characterization  
Project Office  
P. O. Box 98608  
Las Vegas, NV 89193-8608

WBS 1.2.9.2  
QA: N/A

JAN 29 1992

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
JANUARY 17, 1992

I. CRITICAL ITEM STATUS - YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Initiated the weekly ESF management meetings in which all participants who have ESF milestones report their status each week.

Site Characterization Plan (SCP) Progress Report (PR)

PR 5 is still in the Office of Civilian Radioactive Waste Management (OCRWM) and U.S. Department of Energy (DOE)/Headquarters (HQ) concurrence. Comments have been received from OCRWM and are being incorporated. The policy and programmatic review is complete and approved.

SCP Study Plan (SP) Status

The U.S. Geological Survey submitted a revised draft of SP 8.3.1.9.2.1, "Natural Resource Assessment of Yucca Mountain, Nye County" for comment verification.

JAN 29 1992

## STUDY PLAN BREAKDOWN

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In Screening Review .....	1
In Revision after Screening Review .....	1
In Yucca Mountain Site Characterization	
Project Office (YMPO) and HQ Review .....	6
Awaiting Comment Resolution Meeting .....	4
Awaiting Author Revision .....	12
In YMPO/HQ Verification Audit .....	8
Awaiting YMPO Approval .....	0
Approved and Awaiting Transmittal to the	
U.S. Nuclear Regulatory Commission (NRC) .....	3
NRC Phase 1 Review .....	14
NRC Acceptance .....	18
Total .....	67

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Received Comments from the State of Nevada .....	8
Responses Transmitted to the State of Nevada .....	5

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Received Comments from NRC .....	9
Responses Transmitted from OGD to DOE/HQ .....	5
Responses Transmitted from DOE/HQ to NRC .....	4

Early Site Suitability Evaluation (ESSE)

The ESSE Report and associated ESSE Peer Review Report were submitted to YMPO for final acceptance on January 6, 1992. Comments have been received and will be resolved by January 17, 1992. Following this, both reports will undergo final publication, to be transmitted to YMPO and OCRWM by January 31, 1992. Discussions continue to coordinate production of copies of both reports for use in distribution of the ESSE Reports by OCRWM for public review.

B. Environmental ProgramsEnvironmental Compliance and Permitting

No significant new items to report this week.

C. Field Operations

The Site Manager is in the process of establishing a photo/graphics coordination program.

The Site Manager and staff participated in and provided operational and logistical support to tours of Yucca Mountain, Nevada, conducted at Area 25.

JAN 29 1992

The Site Manager convened the Field Change Control Board (FCCB) on January 10, 1992, to discuss and act upon the latest field change request for Job Package 92-1, Revision 1, Well JF-3. The ad hoc members and the Site Manager recommended approval of the change; however, because the change would increase the cost for Reynolds Electrical & Engineering Co., Inc., and Raytheon Services Nevada (RSN), and cause a change in the schedule, exceeding the threshold limits assigned to the FCCB, the Site Manager submitted the request to the Change Control Board for final approval.

The LM-300 drill rig has been repositioned back to the Area 6 equipment yard for the installation of the pipe handling system.

Received and processed core and cuttings from UZN-37.

Two hundred and twenty-two boxes of core were prepared for the University of Nevada, Reno.

D. Project Planning and Control

Completed the integration of the Planning and Control System (PACS) schedule and budget data by rolling schedule data from the PACS schedule module into the earned value module. The participant databases were then rolled and Cost Plans for fiscal year (FY) 1992-FY 2001 were produced and reviewed for accuracy and completeness. A preliminary project level Cost Plan was also produced for review.

PACS data was forwarded to the Technical Project Officers, Division Directors, and TRW Environmental Safety Systems (TESS) for review.

E. Quality Assurance Implementation

Representatives from the Yucca Mountain Quality Assurance Division have set up offices at the Yucca Mountain Site Office on January 10, 1992.

Determination of Importance and Grading Enhancement (DIGE)

Continuation of Existing Process

The Quality Review Board and associated Assessment Team continued to provide support to YMPO while the DIGE effort develops a modified process for YMP.

Q-List and Q-List Procedure Development

RSN and Sandia National Laboratories continued to make progress on their design and process portions of the DIGE effort; however, RSN is still developing an internal, working schedule which will show how they will complete their portions by March 1992.

JAN 29 1992

Discussions between YMPO, Technical and Management Support Services, and TESS continued regarding staffing for the Technical Assessment Review (TAR) and the scope of work contained in the TAR Notice. The TAR has not yet been started. Comment resolution continues as part of the Administrative Procedure (AP) 6.17Q revision effort targeted for approval in January 1992. The impact of the slip in the completion of AP 6.17Q is being assessed.

#### Management Control System List and Procedure Development

The iterative process of conducting a simulation of the draft Management Control (MC) List Procedure in combination with the identification, extraction, and verification of requirements from a target of 50 documents continues, but the processing is taking longer to complete than planned. The iterative process is revealing new aspects of the MC List process and procedure. The net result is that probably less than the 50 documents will be extracted (which will not impact the quality or timing of the plan for completion of requirement document extraction) and the start of the Quality Management Procedure 06-04 review of the MC List Procedure will slip by one week.

#### Task Management

Approval of the Management Plan has been placed on hold pending the results of resolution to the TAR delays.

### F. Public Outreach and Institutional Activities

A project overview presentation was given by Paul Standish of Science Applications International Corporation to members of the Boulder City American Association of Retired Persons on January 12, 1992.

A presentation was given by A. C. Robison at the International Association of Business Communicator's meeting on Friday, January 17, 1992.

A tour to Yucca Mountain, Nevada, was conducted on January 13, 1992, for NRC Chairman, Ivan Selin. A project overview presentation was given by the Project Manager prior to departure from the Yucca Mountain Information Office, Las Vegas, Nevada.

Twelve members of the Cactus, Water and Energy Conservation Society were given a tour of Yucca Mountain on Wednesday, January 15, 1992.

### G. Systems Management and Integration

#### Geochemistry

No significant new items to report this week.

## II. ANALYSIS & VERIFICATION DIVISION

Participated in the YMPO AP 1.3 policy review on the revised draft of the ESSE report.

Participated in a meeting on January 16, 1992, in Germantown, Maryland, with other DOE offices to discuss the potential usefulness of "Microstructurally Engineered Concrete" to various DOE programs, including OCRWM.

Met with Charles Smith on January 14, 1992, to discuss agenda and attendance for the Engine of Evolution Meeting to be held January 28, 1992.

## III. GENERAL INFORMATION ITEMS

### Lawrence Livermore National Laboratory (LLNL)

In a paper by Thomas Buscheck and John Nitao entitled "The Impact of Thermal Loading on Reporting Performance at Yucca Mountain," LLNL reported the results of the repository scale hydrothermal model calculations which investigated the impact of high areal power densities (APDs) on the ambient hydrothermal system. Substantial boiling and dryout can occur. For an APD of 114 kw/acre and 60-year old fuel, repository horizon boiling conditions were calculated to persist for 10,000 years in the center of the repository and for 5,000 years at the outer edge of the repository.

## 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>
<b>A. <u>DOE/HQ Meetings</u></b>			
Wednesday, February 26	Program Management Meeting	Las Vegas, NV	C. Gertz
<b>B. <u>Internal and DOE/NV Meetings</u></b>			

No significant new items to report this week.

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>NRC Interactions</u></b>			
Tuesday, January 28	Management Meeting Annotated Outline	Rockville, MD	J. Cooper
*** (Note: Meeting Has Been Postponed) ***			
Tuesday, February 25	Waste Form: Spent Nuclear Fuel	TBD	T. Bjerstedt
Tuesday, March 17	Thermal Loads	Albuquerque, NM	T. Bjerstedt
Wednesday, March 18	Air, Vapor Movements Due to Thermal Gradients	Albuquerque, NM	T. Bjerstedt
Tuesday- Wednesday, April 28-29	Complimentary Cumulative Distribution Function	Albuquerque, NM	T. Bjerstedt
Tuesday, May 19	Interactions Schedulings	Rockville, MD	T. Bjerstedt
Wednesday, May 27	DOE Licensing Topical Report on Erosion	Rockville, MD	T. Bjerstedt
Wednesday, June 3	Drafts on License Application	Rockville, MD	T. Bjerstedt
Wednesday, July 1	Calcite/Silica	TBD	T. Bjerstedt
<b>D. <u>NWTRB Interactions (P)</u></b>			
Wednesday- Thursday, January 22-23	SG&G Panel Meeting on Seismic Vulnerabilities	Irvine, CA	A. Simmons
Monday, February 10	Engineered Barrier System	Savannah River, GA	A. Simmons
Wednesday- Thursday, February 12-13	NWTRB T&S Panel	TBA	A. Simmons

JAN 29 1992

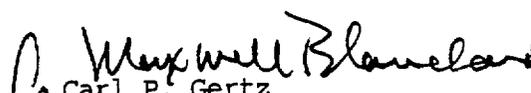
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NWTRB Interactions (P) (continued)</u>			
Tuesday- Wednesday, March 10-11	NWTRB T&S Panel	TBA	A. Simmons
Monday- Thursday, April 6-9	NWTRB Full Board Meeting	Dallas, TX	A. Simmons
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Friday, January 24	American Nuclear Society Annual Symposium	Gainesville, FL	C. Gertz
Saturday, January 25	League of Women Voters	Las Vegas, NV	A. Robison
Monday, January 27	Green Valley Library	Henderson, NV	J. King
Tuesday, January 28	Yucca Mountain Lecture Series - Earthquakes	Las Vegas, NV	J. King
Thursday, January 30	Yucca Mountain Lecture Series - Earthquakes	Beatty, NV	J. King
Saturday, February 8	Girl Scouts Merit Badge Workshop	Las Vegas, NV	E. Harle
Tuesday, February 11	Ronzzone Elementary School	Las Vegas, NV	R. Arnold
Tuesday, February 11	Green Valley Library	Henderson, NV	G. Fasano
Saturday, February 15	Society of Women Engineers	Las Vegas, NV	C. Gertz
Wednesday, March 4	Chamber of Commerce Leadership Program	Las Vegas, NV	G. Fasano R. Arnold

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
<b>E. <u>State and Public Interactions (Continued)</u></b>			
Saturday, March 7	Boy Scouts Atomic Energy Merit Badge Workshop	Las Vegas, NV	E. Harle
Tuesday, March 10	LLNL/DOE Pressure Safety Conference	Las Vegas, NV	C. Gertz
Tuesday, March 10	Green Valley Library	Henderson, NV	R. Arnold
Saturday, March 28	Boy Scouts Geology Merit Badge Workshop	Las Vegas, NV	E. Harle
Saturday, April 4	Girl Scouts Merit Badge Workshop	Las Vegas, NV	E. Harle
Friday, April 10	American Power Dispatchers Assn.	Las Vegas, NV	C. Gertz
Monday, May 4	ASQC Third International Waste Management Conference	Las Vegas, NV	C. Gertz
Thursday, May 7	Nevada Water Savers	Las Vegas, NV	R. Arnold
<u>Date</u>	<u>Event</u>	<u>Location</u>	
<b>F. <u>Exhibits Scheduled</u></b>			
Wednesday, January 22	Public Open House (P)	Las Vegas, NV	
Friday- Sunday, February 14-16	Society of Women Engineers	Las Vegas, NV	
Saturday, February 29	Public Open House (P)	Las Vegas, NV	
Saturday, March 28	Public Open House (P)	Las Vegas, NV	

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. <u>Exhibits Scheduled (Continued)</u>		
Saturday, April 25	Public Open House (P)	Las Vegas, NV
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u>		
Wednesday, January 22	Public Open House (P)	Various Escorts
Thursday, January 23	UNLV	M. Powell
Tuesday, January 28	Amargosa Junior High School	TBD
Wednesday, February 5	Basic High School	TBD
Thursday, February 6	RV Rally (from Amargosa Valley)	TBD
Monday, February 10	UK Nirex	C. Gertz
Friday, February 14	Chaparral High School	L. Thompson
Saturday, February 29	Public Open House (P)	Various Escorts
Saturday, March 28	Public Open House (P)	Various Escorts
Saturday, April 25	Public Open House (P)	Various Escorts

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled (continued)</u>		
Thursday, May 28	Public Open House (P)	Various Escorts
Saturday, June 27	Public Open House (P)	Various Escorts

YMP:DLH-1659

  
Carl P. Gertz  
Project Manager



**Department of Energy**  
Yucca Mountain Site Characterization  
Project Office  
P. O. Box 98608  
Las Vegas, NV 89193-8608

WBS 1.2.9.2  
QA: N/A

JAN 29 1992

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
JANUARY 24, 1992

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

A. Site Characterization Planning

Regulatory Interactions

Regulatory Interactions Branch staff attended the Nuclear Waste Technical Review Board's Structural Geology and Geoengineering panel meeting on Seismic Vulnerabilities in Irvine, California, on January 22-23, 1992.

Exploratory Studies Facility (ESF) Task Force Activities

The architect-engineer has requested approval for a 60-hour work week for selected ESF design personnel as required for the 50 percent design review.

Site Characterization Plan (SCP) Progress Report (PR)

PR 5 is back in concurrence at the U.S Department of Energy/Headquarters (DOE/HQ) after incorporation of the Office of Civilian Radioactive Waste Management (OCRWM) comments received last week. DOE/HQ concurrence is the last step in preparation of this PR.

SCP Comments

An addendum to DOE responses to the State of Nevada's comments on the SCP was transmitted to the State of Nevada on January 21, 1992.

SCP Study Plan (SP) Status

SP 8.3.1.2.1.4, "Regional Hydrologic Synthesis and Modeling," and SP 8.3.1.17.3.1 "Relevant Earthquake Sources," were transmitted to the U.S. Nuclear Regulatory Commission (NRC) for review.

SP 8.3.1.5.1.3, "Climatic Implications of Terrestrial Paleoecology," was approved by the Yucca Mountain Site Characterization Project Office (YMPO).

STUDY PLAN BREAKDOWN

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In Screening Review .....	1
In Revision after Screening Review .....	1
In YMPO and DOE/HQ Review .....	5
Awaiting Comment Resolution Meeting .....	4
Awaiting Author Revision .....	13
In YMPO/HQ Verification Audit .....	7
Awaiting YMPO Approval .....	0
Approved and Awaiting Transmittal to the NRC .....	2
NRC Phase 1 Review .....	16
NRC Acceptance .....	18
Total .....	67

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Received Comments from the State of Nevada .....	8
Responses Transmitted to the State of Nevada .....	5

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Received Comments from the NRC .....	9
Responses Transmitted from OGD to DOE/HQ .....	5
Responses Transmitted from DOE/HQ to NRC .....	4

Early Site Suitability Evaluation (ESSE)

Comments from the YMPO Administrative Procedure (AP) 1.3 Acceptance Review of the ESSE Report (and associated ESSE Peer Review Report) have been resolved. Close-out of the AP 1.3 review is in process. Both reports are now in final publication to meet the January 31, 1992, milestone for transmittal to YMPO.

Verbal direction has been received from YMPO for Technical and Management Support Services (T&MSS) to have sufficient copies of both reports printed in preparation for distribution by OCRWM for public comment. Formal documentation of this direction is in process.

B. Environmental ProgramsEnvironmental Compliance and Permitting

A waiver from the requirement to obtain a water appropriation permit was received this week from the Nevada State Engineer for Drillhole UZ-16.

C. Field Operations

On January 22, 1992, the Site Manager's Field Operations Center staff and other contractors participated in and provided support for the general public open house and site tour of Yucca Mountain.

Reynolds Electrical & Engineering Co., Inc. (REECO) drilling department, along with the associated Raytheon Services Nevada (RSN) engineers, are nearing completion of the JF-3 water table monitoring well. As of January 17, 1992, the total depth drilled was 1,039 feet. It is anticipated that by week's end, the final depth will be approximately 1,310 feet.

Work continues on the third neutron access borehole, UZN-37. The total depth drilled as of January 21, 1992, was 148 feet. The final depths of the first two boreholes were 256.39 feet for UZN-55, and 244.12 feet for UZN-54.

The additional Safety and Health Specialist is on board at the Yucca Mountain Site Office. He will focus primarily on the safety and health compliance scenario and on enhancing the safety training principles for on-site General Employees Training, which is required for all field project participants.

During the week, the Site Manager initiated a work authorization letter to REECO, to commence the earth moving work for five reclamation trial sites on or near Yucca Mountain. Work will commence February 3, 1992, and be completed prior to February 14, 1992.

Sample Management Facility (SMF)

Continued receiving and processing core and cuttings from USW UZN-37 and continued processing cuttings from JF-3.

Supported the Sample Overview Committee meeting and workshop on January 23-24, 1992.

D. Project Planning and Control

Completed installation of the first Planning and Control System (PACS) participant work station at T&MSS. Other participant installations will follow.

PACS cost plans, planning and scheduling plans, summary account plans and schedule data to YMP was distributed to participants, management and operations, and DOE for formal review and revision.

Completed a "What-If" analyses in support of OCRWM's budget briefings to Congress.

Completed the Project Control briefing package for presentation to Edison Electric Institute (EEI).

E. Quality Assurance Implementation

The YMP Quality Assurance (QA) Committee held a meeting on January 22, 1992. This meeting was held to discuss and resolve QA issues. Agenda items included: QA Grading; Project Work Initiation; Quality Assurance Requirements Document status, and Quality Assurance Workshops.

Determination of Importance and Grading Enhancement (DIGE)

Continuation of Existing Process

The Quality Review Board and associated Assessment Team continue to provide support to YMPO while the DIGE effort develops a modified process for YMPO.

Q-List and Q-List Procedure Development

RSN and Sandia National Laboratories (SNL) continue to make progress on their design and process portions of the DIGE effort. RSN has identified 65 drawings to revise and has 51 in process. No internal working schedule for completion of the drawing revisions is available yet. Agreement has been reached to conduct a Quality Management Procedure (QMP) 06-04 review of SAND 89-7024 in place of a Technical Assessment Review. Discussion relative to the scope continue on implementation of this technical review. The schedule for this review is still critical. Final dispute resolution on comments from the QMP 06-04 review of the revised AP 6.17Q is planned for January 23, 1992.

### Management Control System List and Procedure Development

Sufficient progress has been made in the iterative process of conducting the simulation of the draft Management Control (MC) List Procedure in combination with the identification, extraction, and verification of requirements effort to complete the simulation and finalize the MC List Procedure draft in preparation for a QMP-06-04 review. The requirements effort (currently on schedule) will continue as part of the database effort and development of a plan to complete the requirements effort.

### Task Management

The Management Plan has been approved and controlled distribution is in process.

### F. Public Outreach and Institutional Activities

A presentation on Yucca Mountain, Nevada, was given by Beatrice Reilly at the monthly meeting of the Jewish Community Center of Southern Nevada on January 19, 1992. Other speakers included representatives of the Nevada Nuclear Waste Study Committee, Citizen's Alert, and the State of Nevada.

YMP overview presentations were given by Carl Gertz and A. C. Robison to W. Henson Moore, Deputy Secretary at the DOE Nevada Field Office, on January 21, 1992. A technical YMP overview was given on January 24, 1992, at the American Nuclear Society Annual Meeting in Gainesville, Florida.

A YMP overview presentation was given by Paul Standish to members of the International Association of Hospitality Accountants on January 23, 1992.

The eleventh public Open House Tour of Yucca Mountain was conducted on January 22, 1992. Over 150 tour participants visited the Yucca Mountain Information Office, Las Vegas, Nevada, the Field Operations Center, and Yucca Mountain, Nevada.

### G. Systems Management and Integration

#### Geochemistry

A radionuclide solubility working group has been established within the framework of the ongoing geochemistry integration task. The purpose of the working group is to examine solubility data for radionuclides that will go into the project's thermodynamic data base (GEMBOCHS) and evaluate existing data for internal consistency and goodness. The working group will consist of investigators from

JAN 29 1992

Los Alamos National Laboratory and Lawrence Livermore National Laboratory (LLNL) are working in the areas of solubility, speciation, data base testing, and modeling. It is anticipated that the group will meet semiannually during fiscal year (FY) 1992 and will have additional frequent informal communication.

## II. ANALYSIS & VERIFICATION DIVISION

Participated in Document Hierarchy Task Force Meeting, January 21, 1992, at DOE/HQ.

Participated in meeting of associate directors and office directors to discuss how the Multiyear Program Plan for FY 1992-97 should be revised to accommodate the FY 1993 budget allocation, on January 22, 1992, in Washington, D.C. Provided draft responses to comments on the draft Mission Plan Amendment for Chapter 3.

## III. GENERAL INFORMATION ITEMS

### LLNL

The Equipment User Guide has been completed. This joins the three geochemistry related code documents which have been completed previously.

### RSN

An Engineering Plan for surface water testing design support was submitted for QMP 06-04 review.

The design for the UZ-16 borehole and the NRG-1 ramp alignment borehole were completed.

### SNL

A far-field thermal structural analysis was started for the repository in support of the design of the ESF north portal and ramp.

### T&MSS

YMP staff met with representatives of EEI to discuss the YMP budget process and workscope, planning, budget, and scheduling information for YMP on January 22-23, 1992, in Las Vegas, Nevada.

TRW Environmental Safety Systems, Inc. (TESS)

The Red Team Review of the M&O Systems Engineering Management Plan and the Configuration Management Plan are complete. The documents are due no later than January 31, 1992.

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, February 27	Program Management Review	Las Vegas, NV	C. Gertz
B. <u>Internal and DOE/NV Meetings</u>			
No significant new items to report.			
C. <u>NRC Interactions</u>			
Thursday, February 6	Management Meeting Annotated Outline	Rockville, MD	J. Cooper
Tuesday, February 25	Waste Form: Spent Nuclear Fuel	TBD	T. Bjerstedt
Tuesday, March 17	Thermal Loads	Albuquerque, NM	T. Bjerstedt
Wednesday, March 18	Air, Vapor Movements Due to Thermal Gradients	Albuquerque, NM	T. Bjerstedt
Tuesday- Wednesday, April 28-29	Complimentary Cumulative Distribution Function	Albuquerque, NM	T. Bjerstedt
Tuesday, May 19	Interactions Schedulings	Rockville, MD	T. Bjerstedt

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>NRC Interactions</u> (continued)</b>			
Wednesday, May 27	DOE Licensing Topical Report on Erosion	Rockville, MD	T. Bjerstedt
Wednesday, June 3	Drafts on License Application	Rockville, MD	T. Bjerstedt
Wednesday, July 1	Calcite/Silica	TBD	T. Bjerstedt
<b>D. <u>NWTRB Interactions (P)</u></b>			
Monday, February 10	Engineered Barrier System	Savannah River, GA	A. Simmons
Wednesday- Thursday, February 12-13	NWTRB T&S Panel	TBA	A. Simmons
Tuesday- Wednesday, March 10-11	NWTRB T&S Panel	TBA	A. Simmons
Monday- Thursday, April 6-9	NWTRB Full Board Meeting	Dallas, TX	A. Simmons
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
<b>E. <u>State and Public Interactions</u></b>			
Saturday, January 25	League of Women Voters	Las Vegas, NV	A. Robison
Monday, January 27	Green Valley Library	Henderson, NV	J. King
Tuesday, January 28	Yucca Mountain Lecture Series- Earthquakes	Las Vegas, NV	J. King
Thursday, January 30	Yucca Mountain Lecture Series- Earthquakes	Beatty, NV	J. King

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions (continued)</u>			
Thursday, January 30	Vegas Verdes Elementary School	Las Vegas, NV	R. Arnold
Friday, January 31	Reno Sunrise Rotary Club	Reno, NV	P. Standish
Wednesday, February 5	Booker Elementary School	Las Vegas, NV	E. Harle
Thursday, February 6	Paradise Valley High School	Phoenix, AZ	G. Fasano E. Harle
Saturday, February 8	Girl Scouts Merit Badge Workshop	Las Vegas, NV	E. Harle
Monday, February 10	Las Vegas Cactus Club	Las Vegas, NV	R. Arnold
Tuesday, February 11	Ronzzone Elementary School	Las Vegas, NV	R. Arnold
Tuesday, February 11	Green Valley Library	Henderson, NV	G. Fasano
Thursday, February 13	Air & Waste Management Association	Las Vegas, NV	C. Gertz
Saturday, February 15	Society of Women Engineers	Las Vegas, NV	C. Gertz
Wednesday, March 4	Chamber of Commerce Leadership Program	Las Vegas, NV	G. Fasano R. Arnold
Saturday, March 7	Boy Scouts Atomic Energy Merit Badge Workshop	Las Vegas, NV	E. Harle
Tuesday, March 10	LLNL/DOE Pressure Safety Conference	Las Vegas, NV	C. Gertz
Tuesday, March 10	Green Valley Library	Henderson, NV	R. Arnold

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
<b>E. <u>State and Public Interactions (continued)</u></b>			
Wednesday, March 18	Southern Nevada Floor Covering Assn.	Las Vegas, NV	C. Gertz
Saturday, March 28	Boy Scouts Geology Merit Badge Workshop	Las Vegas, NV	E. Harle
Saturday, April 4	Girl Scouts Merit Badge Workshop	Las Vegas, NV	E. Harle
Friday, April 10	American Power Dispatchers Assn.	Las Vegas, NV	C. Gertz
Monday, May 4	ASQC Third International Waste Management Conference	Las Vegas, NV	C. Gertz
Thursday, May 7	Nevada Water Savers	Las Vegas, NV	R. Arnold

<u>Date</u>	<u>Event</u>	<u>Location</u>
<b>F. <u>Exhibits Scheduled</u></b>		
Friday, February 7	Nevada Social Studies Conference	Las Vegas, NV
Friday- Sunday, February 14-16	Society of Women Engineers	Las Vegas, NV
Saturday, February 29	Public Open House(P)	Las Vegas, NV
Saturday, March 28	Public Open House(P)	Las Vegas, NV
Saturday, April 25	Public Open House(P)	Las Vegas, NV
Thursday, May 28	Public Open House(P)	Las Vegas, NV
Saturday, June 27	Public Open House(P)	Las Vegas, NV

JAN 29 1992

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u>		
Tuesday, January 28	Amargosa Junior High School	TBD
Tuesday, January 28	Glunchur and Lewis	TBD
Wednesday, February 5	Basic High School	TBD
Thursday, February 6	RV Rally (from Amargosa Valley)	TBD
Friday, February 7	General Accounting Office	TBD
Monday, February 10	UK Nirex	C. Gertz
Friday, February 14	Chaparral High School	L. Thompson
Tuesday, February 25	Sandia National Laboratory	R. Orzel
Saturday, February 29	Public Open House(P)	Various Escorts
Friday, March 6	Waste Management, '92	TBD
Tuesday, March 10	Monmouth College	Susan Jones
Saturday, March 28	Public Open House(P)	Various Escorts
Saturday, April 25	Public Open House(P)	Various Escorts
Thursday, May 28	Public Open House(P)	Various Escorts

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Saturday, June 27	Public Open House(P)	Various Escorts

YMP:DLH-1750

  
Carl P. Gertz  
Project Manager