



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

Reply to:
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Las Vegas, Nevada 89101
Tel: (702) 388-6125.
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TO: Joseph Holonich, Director, HLPD, M/S 4 H 3

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

DATE: May 26, 1992

SUBJECT: OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR
THE WEEK ENDING MAY 22, 1992, and THE WEEK ENDING
MAY 29, 1992

Please find enclosed the above-referenced reports.

There is nothing requiring specific management
attention in the report.

nan

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

NOTE TO CHARLOTTE: Also enclosed is the Preliminary Field
Composite Borehole Log for borehole UZN-27.

9206170010 920526
PDR WASTE
WM-11 PDR
100034

102
PH03-11
WM-11



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

JUN 0 4 1992

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
MAY 22, 1992

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

A. Site Characterization Planning

Field Operations

The Site Manager and Field Operations Center (FOC) staff participated in and provided logistical support for five major tours this reporting period. The Site Manager and FOC staff are finalizing preparations for the next general public open house and site tour scheduled for May 28, 1992, as well as for a tour of approximately 35 Native Americans scheduled for May 30, 1992.

The new CME-850 drill rig was mobilized and in position at the twelfth neutron access borehole, UZN-53.

The Site Manager has received approval from the Director of the Nevada Test Site to acquire custody of two additional facilities in Area 25 for YMP. These will be used for offices and storage.

Sample Management Facility

Began processing core and cuttings from USW UZN-53. There were 547 boxes of core laid out for examination. Submitted response to review comments on BTP-SMF-002 revision.

Field Testing

Drilling of USW UZN-53, a neutron-access borehole, started May 19, 1992, and is currently planned to be drilled through the Tiva Canyon units to the top of the Topopah Spring in order to penetrate the same units as in the nearby N54 and N55 boreholes and may need to reach in excess of 200 feet in depth.

The JF-3 water monitoring well work has been completed and will not continue to be addressed in future reports.

Environmental Field Programs

On May 14, 1992, the Nevada Division of Environmental Protection issued the modified Underground Injection Control permit authorizing the U.S. Department of Energy (DOE) to inject produced water and various tracers, including gas, into 53 wells located at the Yucca Mountain, Nevada, site. The permit is effective May 27, 1992.

Regulatory Interactions

No significant new items to report this week.

Exploratory Studies Facility (ESF) Task Force Activities

The 90 percent design review status is on schedule. In addition to those in the 50 percent review, the 90 percent review is comprised of 80 drawings, 38 analyses, and 52 specifications.

<u>Drawings</u>	<u>Analyses</u>	<u>Specifications</u>
57 Through Engineering	30 Initial Draft	20 Initial Draft
43 Through Computer-Aided Draft Design	1 Final Draft	16 Final Draft
7 Through Review	0 Through Review	7 Through Review

Site Characterization Plan (SCP) Progress Report (PR)

PR 5 is still in concurrence at DOE/Headquarters (HQ). PR 6 was sent out for review by the Office of Civilian Radioactive Waste Management, DOE/HQ, Yucca Mountain Site Characterization Project Office (YMPO), and participants on May 15, 1992. Review comments are due back to YMPO on June 5, 1992.

SCP Study Plan (SP) Status

No new SPs were submitted to YMPO this week.

STUDY PLAN BREAKDOWN

In Screening Review	0
In YMPO and HQ Review	2
Awaiting Comment Resolution	10
Awaiting Author Revision	7
In YMPO/HQ Verification Audit	9
Preparing to Submit or Awaiting YMPO Approval	3
Awaiting Submission to the U.S. Nuclear Regulatory Commission (NRC)	2
NRC Phase 1 Review	14
NRC Acceptance	23
Total	70

SITE CHARACTERIZATION PLAN/STUDY PLAN

Total SPs Assigned to Cover 106 Studies	103
SPs Not Yet Submitted for Review	39
SPs Submitted for Initial Review	64
Revised SPs Submitted for Review	6
Total SPs Submitted for Review	70

State of Nevada Comments Status:

Received Comments from the State of Nevada	9
Responses Transmitted to the State of Nevada	5

NRC Comments Status:

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

B. Project Planning and Control

Uploaded status for the month of April 1992, to the Planning and Control System from the participant workstations. This represents the initial phase of participants electronically inputting their own status.

Produced participant Cost Performance Reports and various Cost Performance Reports and graphs of monthly status for the Project Manager, Division Directors, and project work breakdown structure element managers.

The Independent Cost Estimate site visits with all participants were completed, with the meetings held with Sandia National Laboratories (SNL) and Los Alamos National Laboratory (Los Alamos).

The draft Internal Review Budget for fiscal year 1994 was revised to a \$375 million program planning level and workscope was revised accordingly.

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C. Quality Assurance Implementation

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. Preparations, including necessary documentation, are ongoing for a new assessment team which will operate to the new process.

Quality List and Quality List Procedure Development

Comments have been received from the Quality Management Procedure (QMP) 06-04 review of the draft revised Site Characterization Program Baseline package and are currently being resolved. The Plans and Procedures Department (PPD) continues with preparation of the draft licensing methodology document (YMP/92-7), prepared by the Civilian Radioactive Waste Management System Management & Operating Contractor (CRWMS M&O), for submittal for QMP 06-04 review. SNL continues with development of both the Items Important to Safety and Items Important to Waste Isolation processes. SNL reports that these efforts are on schedule relative to the revised logic and schedule.

Training the trainers and preparation of training material continues. Development of a draft of the new procedure (QMP 05-03), in place of proposed QMP 02-10 (Q-Grading) to contain procedure application guide direction, continues.

Management Control (MC) List and Procedure Development

Based on internal review comments, the MC List Plan is being revised and is targeted for presentation to YMPO during the week of May 26, 1992. Continued development of Administrative Procedure (AP) 5.40 and AP 5.41 are dependent upon completion of the MC List Plan.

Implementation

As noted in the previous status, participants have now received a final copy of AP 6.17Q (effective date June 10, 1992) in order to initiate development of their procedures.

Task Management

PPD is preparing the draft Revision 1 of the DIGE Management Plan, which incorporates noted changes to logic and schedule, for QMP 06-04 review and approval.

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D. Public Outreach and Institutional Activities

A project overview presentation was given by Paul Standish (Science Applications International Corporation [SAIC]) to the Southern Nevada Chevron Retirees Association, May 18, 1992. On May 20, 1992, a presentation was made to the Fallon Board of Realtors, Fallon, Nevada, by Christopher Binzer and Frank Baird (SAIC). Educational presentations were given by James Blink (Lawrence Livermore National Laboratory [LLNL]) on May 22, 1992, to approximately 250 students at Tonopah Elementary School and Silver Rim Elementary School, Tonopah, Nevada.

The Yucca Mountain lecture series, "Nuclear Power: From Atoms to Electricity," was presented by James Blink at the Beatty Community Center, Beatty, Nevada, on May 21, 1992.

Carl Gertz, Project Manager, and other project management staff gave presentations to Edison Electric Institute (EEI) representatives on May 18, 20 and 21, 1992. On May 19, 1992, EEI went on a tour of Yucca Mountain.

A tour to Yucca Mountain was conducted on May 20, 1992, for 55 guests from Las Vegas High School.

A project overview presentation was given by Carl Gertz to Bob Long, President of the American Nuclear Society, at the Las Vegas Yucca Mountain Information Office on May 22, 1992, prior to his departure for a tour of Yucca Mountain.

II. ANALYSIS & VERIFICATION DIVISION (AVD)

Stephan Brocoum, Executive Director of the Convergence Task Force, participated in a meeting of Convergence Task Force and Task Group leaders to discuss work plans for preparation of task group proposals for convergence actions in their respective task areas on May 18, 1992, in Washington, D.C.

Completed review of DOE Seismic Working Group DOE-wide position regarding the use of LLNL and Electric Power Research Institute probabilistic Seismic Hazard Curves at DOE sites.

Participated in Geochemistry Integration Team telecon on May 18, 1992. One topic discussed was the joint Geochemistry/Hydrology Integration Group meeting on Preferential Pathways to be held June 9-11, 1992.

Attended the National Academy of Science meeting of Committee on Fracture Characterization and Fluid Flow on May 21-22, 1992, in Irvine, California.

Initiated OGD-AVD review of draft Sixth Progress Report. The review is expected to be completed by June 5, 1992.

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Developed draft memo on option for accomplishing prerequisite activities for repository and waste package advanced conceptual design, and ensuring the continuation of the ESF Title II design activities by October 1, 1992.

Attended the "Industrial Working Group Meeting on Accelerator Transmutation of Waste" held in Dallas, Texas, on May 19, 1992.

Participated in Defense Waste Processing Facility Technical Review Group meeting on Waste Qualification Report, May 19-21, 1992, in New Orleans, Louisiana.

III. GENERAL INFORMATION ITEMS

CRWMS M&O

The ESF Design Transition Plan has been placed in review.

LLNL AND YMPO

The Preliminary Near-Field Environmental Report was sent to YMPO for review on April 27, 1992. YMPO has elected to perform a limited review prior to approval and submission to the Reference Information Base. The review was initiated this week.

LOS ALAMOS

The planning for the Fran Ridge Test Plan Package was initiated. A briefing was given to YMP on the Prototype Test Facility. Detailed cost estimates are being 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>YMPO Contact</u>
A. <u>DOE/HQ Meetings</u>			
Tuesday, May 26	Technical Data Management Briefing	Albuquerque, NM	M. Blanchard
Wednesday, June 3	Program Management Meeting	Washington, DC	C. Gertz

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
B. <u>CRAMS M&O/DOE Meetings</u>			
Thursday, June 25	Program Management Meeting	TBD	C. Gertz
C. <u>Internal and DOE/NV Meetings</u>			
Friday, June 12	Technical Project Officer's Meeting	Las Vegas, NV	C. Gertz
Friday, June 12	Planning and Budget Meeting	Las Vegas, NV	C. Gertz
D. <u>NRC Interactions</u>			
Wednesday, May 27	Technical Exchange - Topical Report on Erosion	Rockville, MD	T. Bjerstedt
Wednesday, June 3	Technical Exchange - Discussion on Draft "Format and Content Guide for the License Application"	Rockville, MD	T. Bjerstedt
Wednesday, July 22	Technical Exchange - Three-Bucket Approach	Las Vegas, NV	T. Bjerstedt
Thursday, July 23	Agreement on Format and Content of Yucca Mountain SPs	Las Vegas, NV	T. Bjerstedt
Tuesday, August 25	Technical Exchange - Resolution of Volcanism Related Concerns	Video Conference	T. Bjerstedt
Tuesday, September 29	Technical Exchange - Functional Analysis of 10 CFR 60	San Antonio, TX	T. Bjerstedt
Wednesday, October 28	Technical Exchange - Total System Performance Assessment	Albuquerque, NM	T. Bjerstedt
Tuesday, November 17	Technical Exchange - Volcanism	Rockville, MD	T. Bjerstedt
Wednesday, November 18	Interaction Planning Meeting	Rockville, MD	T. Bjerstedt

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
E. <u>NWIRB Interactions (P)</u>			
Sunday, June 7	TBD	International Trip	A. Simmons
Tuesday- Friday, July 7-10	NWIRB Full Board Meeting	Denver, CO	A. Simmons
Tuesday- Wednesday, October 13-14	NWIRB Full Board Meeting	Las Vegas, NV	A. Simmons
Thursday- Friday, October 15-16	NWIRB Panel on SG&G	Las Vegas, NV	A. Simmons

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
F. <u>State and Public Interactions</u>			
Tuesday, May 26	Yucca Mountain Lecture Series	Las Vegas, NV	J. Blink
Tuesday, May 26	Associated General Contractors	Las Vegas, NV	A. Robison
Wednesday, May 27	University of Washington	Seattle, WA	G. Fasano
Saturday, May 30	Boy Scouts Geology Merit Badge Workshop	Las Vegas, NV	E. Harle
Monday, June 1	Town Forum	Crescent Valley, NV	A. Robison P. Standish
Tuesday, June 2	Town Forum	Pine Valley, NV	A. Robison P. Standish
Wednesday June 3	Town Forum	Eureka, NV	A. Robison P. Standish
Wednesday, June 10	American Nuclear Society	Boston, MA	C. Gertz
Thursday, June 11	Catholic Daughters of the Americas	Las Vegas, NV	R. Arnold
Thursday, June 18	Nevada Republic Women's Club	S. Lake Tahoe, NV	C. Gertz

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
F. <u>State and Public Interactions</u> (Continued)			
Thursday, June 18	National Association of Industrial & Office Properties	Las Vegas, NV	A. Robison
Tuesday, July 7	University of California	Santa Barbara, CA	C. Gertz
Friday, July 24	California Capistrano Unified School District	Las Vegas NV	A. Gil
Tuesday, July 28	Nevada Department of Transportation	Sparks, NV	P. Standish
Monday, August 31	Nuclear Information & Records Management Association Symposium	San Francisco, CA	C. Gertz
Thursday, September 17	American Nuclear Society	Lynchburg, VA	C. Gertz
Monday- Wednesday, September 21-23	Emerging Technologies for Hazardous Waste Management	Atlanta, GA	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>
G. <u>Exhibits Scheduled</u>		
Thursday, May 28	Public Open House (P)	Las Vegas, NV
Saturday, June 27	Public Open House (P)	Las Vegas, NV

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
H. <u>Tours Scheduled</u>		
Thursday, May 28	Public Open House (P)	Various Escorts
Friday, May 29	Brinley Junior High School	TBD
Saturday, May 30	Native American Indians	V. Best G. Fasano

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<u>Date</u>	<u>Event</u>	<u>Escorts</u>
H. <u>Tours Scheduled</u> (Continued)		
Thursday, June 4	Nevada State Environmental	W. Dixon
Thursday, June 18	SAIC Training	G. Mansur
Saturday, June 27	Public Open House (P)	Various Escorts
Wednesday, July 8	University of Georgia	TBD
Friday, July 17	Public Open House (P)	Various Escorts
Saturday, August 22	Public Open House (P)	Various Escorts
Saturday, September 26	Public Open House (P)	Various Escorts
Saturday, October 17	Public Open House (P)	Various Escorts

YMP:DLH-3592


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

JUN 05 1992

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
MAY 29, 1992

Senator Bennett Johnston and Appropriations Subcommittee Staff Director Proctor Jones toured Yucca Mountain on May 29, 1992. The tour was conducted by Carl Gertz along with Dr. John Bartlett. Several scientists gave briefings. U.S. Department of Energy (DOE) Deputy Assistant Secretary/Senate Liaison Doug Todd and a member from Senator Reid's staff, Bill Marion, also were on the tour.

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

A. Site Characterization Planning

Field Operations

Drilling activities on the Unsaturated Zone (UZ) 16 borehole started on May 27, 1992. The Phase II excavation of Midway Valley, which consists of several very long trenches, began May 27, 1992.

The Site Manager and Field Operations Center staff participated in and provided support to two major tours.

Sample Management Facility

Began processing core and cuttings from UZ-16 and processing from UZN-53 continued.

Field Testing

Preparatory activities required to mobilize the new CME-850 drilling rig from the Nevada Test Site Area 6 drill yard to the UZN-53 neutron-access borehole location were completed this week, and mobilization is expected to occur early next week. Hole N-53 is currently planned to be drilled through the Tiva Canyon units to the top of the Topopah Spring in order to penetrate the same units as in the nearby N-54 and N-55 boreholes and may need to reach in excess of 200 feet in depth. The JF-3 water monitoring well work was completed.

Environmental Field Programs

No significant new items to report this week.

Regulatory Interactions

A draft of the sixth Site Characterization Semi-Annual Progress Report is in review.

The Regulatory Interactions Branch (RIB) supported a technical exchange on May 27, 1992, with the U.S. Nuclear Regulatory Commission (NRC) on the topical report on Erosional Processes at Yucca Mountain.

The RIB staff, supported by the Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O) Regulatory and Licensing staff, are preparing input for the Yucca Mountain Site Characterization Project Office's (YMPO) proposal for the Engine of Evolution/Convergence efforts.

Exploratory Studies Facility Task Force Activities

The 90 percent design review status is on schedule. In addition to those in the 50 percent review, the 90 percent review is comprised of 80 drawings, 38 analyses, and 52 specifications.

<u>Drawings</u>	<u>Analyses</u>	<u>Specifications</u>
57 Through Engineering	30 Initial Draft	20 Initial Draft
43 Through Computer-Aided Draft Design	1 Final Draft	16 Final Draft
7 Through Review	0 Through Review	7 Through Review

Site Characterization Plan (SCP) Study Plan (SP) Status

SP 8.3.1.17.3.1, "Relevant Earthquake Sources," completed the NRC Phase I review. SP 8.3.1.2.2.1, Revision 1, "Characterization of Unsaturated Zone Infiltration," was submitted to YMPO for approval.

STUDY PLAN BREAKDOWN

In Screening Review	0
In YMPO and Headquarters (HQ) Review	2
Awaiting Comment Resolution	10
Awaiting Author Revision	6
In YMPO/HQ Verification Audit	10
Preparing to Submit or Awaiting YMPO Approval	3
Awaiting Submission to NRC	0
NRC Phase 1 Review	15
NRC Acceptance	24
Total	70

SCP/SP Status:

Total SPs Assigned to Cover 106 Studies	103
SPs Not Yet Submitted for Review	39
SPs Submitted for Initial Review	64
Revised SPs Submitted for Review	6
Total SPs Submitted for Review	70

State of Nevada Comments Status:

Received Comments from the State of Nevada	9
Responses Transmitted to the State of Nevada	5

NRC Comments Status:

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

B. Project Planning and Control

Combined the April 1992 status of participant data in the PACSPRO database and distributed participant and YMPO Cost Performance Reports.

Preparing to accept the Mission 2001 planning data from participants and providing them specialized reports to assist in their submissions to the Planning and Control System.

C. Quality Assurance (QA) Implementation

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.

Quality (Q) List and Q-List Procedure Development

Activities associated with development of the Items Important to Waste Isolation and Items Important to Safety processes and lists were continued. Included are resolution of comments from the review of the draft revised Site Characterization Program Baseline package and review of the draft licensing methodology document (YMP/92-7). A meeting at Sandia National Laboratories (SNL) was held on May 28, 1992, to discuss progress and technical content.

Completion of training of trainers and training material development continues. Development of the draft new Quality Management Procedure (QMP) 05-03, in place of proposed QMP 02-10 (Q-Grading) to contain procedure application guide direction, continues.

Management Control (MC) List and Procedure Development

Revision, based on internal review comments, of the MC List Plan continues. Continued development of Administrative Procedure (AP) 5.40 and AP 5.41 are dependent upon completion of the MC List Plan.

Implementation

As noted in previous status, participants have now received a final copy of AP 6.17Q (effective date June 10, 1992) in order to initiate development of their procedures. The YMP Deputy Project Manager is currently making necessary staff assignments to the new Assessment Team. Development of necessary Assessment Team procedures and preparations of Assessment Team training are occurring.

Task Management

The Plans and Procedures Division continues to prepare the draft Revision 1 of the DIGE Management Plan, which incorporates noted changes to logic and schedule, for QMP 06-04 review and approval.

D. Public Outreach and Institutional Activities

The Yucca Mountain lecture series, "Nuclear Power: From Atoms to Electricity," was presented by James Blink, Lawrence Livermore National Laboratory (LLNL), at the Las Vegas Yucca Mountain Information Office (YMIO) on May 26, 1992.

A project overview presentation was given by A. C. Robison, YMP, to approximately 100 members of Associated General Contractors in Las Vegas, Nevada, on May 26, 1992.

A presentation emphasizing the environmental and geological aspects of Yucca Mountain, Nevada, was given by Gregory Fasano, Technical and Management Support Services (T&MSS), at the University of Washington, Seattle, Washington, on May 27, 1992. Presentations were also given by Mark Tynan, YMP, at Kenny Guinn Junior High School, Las Vegas, Nevada, on May 27, 1992; and by Rick Dale (T&MSS) at Von Middle School, Reno, Nevada, on May 29, 1992.

A Public Open House tour of Yucca Mountain was conducted on May 28, 1992 for approximately 250 people. Tour participants visited the Las Vegas YMIO, the Field Operations Center, and Yucca Mountain.

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A tour to Yucca Mountain was conducted on May 29, 1992, for 100 guests from Brinley Junior High School.

II. ANALYSIS & VERIFICATION DIVISION

Attended the DOE/NRC Technical Exchange meeting in Rockville, Maryland, on May 27, 1992. The subject of the meeting was initiation of plans to prepare a Topical Report on Erosion to support early resolution of the erosion issue.

Attended the 43rd Advisory Committee on Nuclear Waste meeting on May 28-29, 1992, in Bethesda, Maryland. Topics of interest included rule making for the design basis accident dose limit for a high-level waste (HLW) repository and discussion of a request by Chairman Selin to outline a top-down functional diagram to conduct a full systems analysis of the overall HLW management and disposal program.

Participated in data management briefing on May 26, 1992, in Albuquerque, New Mexico, and team building trips to SNL and Los Alamos National Laboratory on May 27-29, 1992.

Initiated a review of the QA Requirements Description Document which is expected to be complete on June 12, 1992.

Participated in the Monitored Retrievable Storage/Transportation/Mined Geologic Disposal System Integration Working Group meeting on May 28, 1992, in Charlotte, North Carolina.

III. GENERAL INFORMATION ITEMS

YMP

A presentation on YMP's approach to technical data management was presented to senior Office of Civilian Radioactive Waste Management managers and CRWMS M&O managers at a meeting in Albuquerque, New Mexico. Topics covered included: historical perspective of the system's development, system overview, description of the development of the parameter dictionary, discussion of the technical database, and discussion of the data tracking system.

Similar workshops have been scheduled or presented at YMP participant organizations and YMP offices.

SNL

Work resumed on the development of a report defining a strategy to seal exploratory boreholes. The primary effort involved was defining the remaining areas of required work.

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LLNL

LLNL comments on the Pacific Northwest Laboratory draft report, "Incentives for Selection of Spent Fuel for Delivery to the Federal Radioactive Waste Management System - A Preliminary Analysis," were discussed and clarified with staff at the Battelle, Washington, office. This draft report is currently under revision in preparation for a peer review.

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>			
	Wednesday, June 3	Program Management Meeting	Washington, DC	C. Gertz
B.	<u>CRWMS M&O/DOE Meetings</u>			
	Thursday, June 25	Program Management Review	Vienna, VA	C. Gertz
C.	<u>Internal and DOE/NV Meetings</u>			
	Friday, June 12	Technical Project Officer's Meeting	Las Vegas, NV	C. Gertz
	Friday, June 12	Planning and Budget Meeting	Las Vegas, NV	C. Gertz
D.	<u>NRC Interactions</u>			
	Tuesday, June 2	Procedural Agreement	Rockville, MD	T. Bjerstedt
	Wednesday, June 3	Technical Exchange-Discussion on draft "Format and Content Guide for the License Application"	Rockville, MD	T. Bjerstedt
	Tuesday, June 23	Technical Exchange-Midway Valley	Las Vegas, NV	T. Bjerstedt

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
D. <u>NRC Interactions</u> (Continued)			
Wednesday, July 22	Technical Exchange- Three-Bucket Approach	Las Vegas, NV	T. Bjerstedt
Thursday, July 23	Agreement on Format and Content of Yucca Mountain SPs	Las Vegas, NV	T. Bjerstedt
Tuesday, August 25	Technical Exchange- Resolution of Volcanism Related Concerns	Video- Conference	T. Bjerstedt
Tuesday, September 29	Technical Exchange- Functional Analysis of 10 CFR 60	San Antonio, TX	T. Bjerstedt
Wednesday, October 28	Technical Exchange- Total System Performance Assessment	Albuquerque, NM	T. Bjerstedt
Tuesday, November 17	Technical Exchange- Volcanism	Rockville, MD	T. Bjerstedt
Wednesday, November 18	Interaction Planning Meeting	Rockville, MD	T. Bjerstedt
E. <u>NWTRB Interactions (P)</u>			
Sunday- Saturday, June 7-20	TBD	International Trip	A. Simmons
Tuesday- Friday, July 7-10	NWTRB Full Board Meeting	Denver, CO	A. Simmons
Tuesday- Wednesday, October 13-14	NWTRB Full Board Meeting	Las Vegas, NV	A. Simmons
Thursday- Friday, October 15-16	NWTRB Panel on SG&G	Las Vegas, NV	A. Simmons

JUN 05 1992

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
F: <u>State and Public Interactions</u>			
Saturday, May 30	Boy Scouts Geology Badge Workshop	Las Vegas, NV	E. Harle
Monday, June 1	Town Forum	Eureka, NV	A. Robison P. Standish G. Fasano
Tuesday, June 2	Town Forum	Carlin, NV	A. Robison P. Standish G. Fasano
Wednesday, June 3	Town Forum	Crescent Valley, NV	A. Robison P. Standish G. Fasano
Monday, June 8	Partners in Education Workshop	Las Vegas, NV	J. Blink
Wednesday, June 10	American Nuclear Society	Boston, MA	C. Gertz
Wednesday, June 10	Partners in Education Workshop	Las Vegas, NV	J. Cooper
Thursday, June 11	Catholic Daughters of the Americas	Las Vegas, NV	R. Arnold
Wednesday, June 17	Partners in Education Workshop	Las Vegas, NV	P. Standish R. Arnold
Thursday, June 18	Nevada Republic Women's Club	S. Lake Tahoe, NV	C. Gertz
Thursday, June 18	National Association of Industrial & Office Properties	Las Vegas, NV	A. Robison
Tuesday, July 7	University of California	Santa Barbara, CA	S. Mattson
Friday, July 24	California Capistrano Unified School District	Las Vegas, NV	A. Gil
Tuesday, July 28	Nevada Department of Transportation	Sparks, NV	P. Standish

JUN 05 1992

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
F. <u>State and Public Interactions (Continued)</u>			
Monday, August 31	Nuclear Information & Records Management Association Symposium	San Francisco, CA	C. Gertz
Thursday, September 17	American Nuclear Society	Lynchburg, VA	C. Gertz
Monday- Wednesday, September 21-23	Emerging Technologies for Hazardous Waste Management	Atlanta, GA	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>
G. <u>Exhibits Scheduled</u>		
Saturday, June 27	Public Open House (P)	Las Vegas, NV

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
H. <u>Tours Scheduled</u>		
Saturday, May 30	Native American Indians	V. Best G. Fasano
Thursday, June 4	Nevada State Environmental Commission	W. Dixon
Wednesday, June 10	White Pine County	K. Rohrer
Thursday, June 18	SAIC Training Department	G. Mansur
Saturday, June 27	Public Open House (P)	Various Escorts
Wednesday, July 8	University of Georgia	TBD
Friday, July 17	Public Open House (P)	Various Escorts
Saturday, August 22	Public Open House (P)	Various Escorts

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<u>Date</u>	<u>Event</u>	<u>Escorts</u>
H. <u>Tours Scheduled</u> (Continued)		
Saturday, September 26	Public Open House (P)	Various Escorts
Saturday, October 17	Public Open House (P)	Various Escorts

YMP:DLH-3664

for Maxwell Blawie
Carl P. Gertz
Project Manager