



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

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TO: John J. Linehan, Director, HLPD, Division of High-Level Waste  
Management, M/S 4 H 3

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

DATE: October 19, 1990

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the week  
ending September 21, and October 5, 1990. There is nothing of any particular  
significance in these reports.

The week of September 28 will be forwarded when it is received.

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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## Department of Energy

Yucca Mountain Project Office

P. O. Box 98608

Las Vegas, NV 89193-8608

WBS 1.2.9

QA: N/A

OCT 10 1990

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
OCTOBER 5, 1990

### I. CRITICAL ITEM STATUS - YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

#### A. Site Characterization Planning

##### Midway Valley Trenching

Revision 1.04 of the Midway Valley/Calcite-Silica time-phased Logic Network shows +1 day float on the initiation of trenching in January 1991. The critical path now includes finalizing and implementing the Yucca Mountain Project Safety and Health Plan.

A Quality Management Procedure 06-04 review on Revision 1 of the "Technical Requirements for the Yucca Mountain Project (Midway Valley and Calcite-Silica Activities)" was completed. This upgrade from Revision 0 defines requirements indicated previously as unfinished and will allow architect engineers to complete the trench design for Midway Valley, Area A.

The Holmes & Narver, Inc. (H&N) review of the conceptual general arrangement drawings for Midway Valley/Calcite-Silica was held. Ninety percent of the comments were resolved the day of the review.

##### Site Characterization Plan (SCP) Progress Reports

The end of the reporting period for Progress Report No. 4 is September 30, 1990. Project participants are now compiling input.

##### SCP Comments

Work continued on preparing the State of Nevada's main comment package on the SCP (1,918 comments) for distribution to technical leads and working groups for response preparation. Response packages developed to date, including the Site Characterization Analysis (SCA), are being prepared for a Program Review Group meeting in early/mid-November 1990.

SCP Study Plan Status: September 28, 1990

Yucca Mountain Project Office (Project Office) and U.S. Department of Energy/Headquarters (DOE/HQ) comments on Priority 1 Study Plan 8.3.1.2.1.1, "Characterization of Meteorology for Regional Hydrology," were completed and transmitted to the author for resolution.

A comment resolution meeting has been scheduled for October 9, 10, and 11, 1990, in Denver, Colorado, for Priority Level 1 Study Plan 8.3.1.5.1.4, "Analysis of the Paleoenvironmental History of the Yucca Mountain Region."

STUDY PLAN BREAKDOWN

Project Office Acceptance Review. . .	5
Revision. . . . .	1
Project Review. . . . .	0
Post-Project Office Revision. . . .	0
Parallel Project Office/HQ Review . .	11
HQ Review (Project Office Review complete) . . . . .	0
Awaiting comment resolution . . . .	7
Post HQ Revision. . . . .	8
Project Office/HQ Audit . . . . .	15
NRC Acceptance Review . . . . .	6
Revision . . . . .	0
NRC Start-Work Review . . . . .	0
Revision . . . . .	0
NRC Acceptance . . . . .	4
 Total . . . . .	 57

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

Dry runs were held October 2-3, 1990, for the Nuclear Waste Technical Review Board (NWTB) and U.S. Nuclear Regulatory Commission (NRC) technical exchanges scheduled for October 11-12, 1990, in Arlington, Virginia, and Rockville, Maryland. Information needs, waste isolation impacts and value-of-information presentations will be made plus a status report on additional decision modeling that is planned. Draft CHRBA documentation is still under internal review (comments due October 12, 1990) and the preliminary narrative for the planned multi-attribute utility analysis is in preparation (due October 8, 1990). Preliminary discussions were held with performance assessment staff about key CHRBA concerns regarding waste isolation impact that could benefit from a limited program of numerical modeling using existing codes and project staff.

ESF Alternatives and CHRBA (continued)

The scoring for Characterization Testing was completed.

The Expert Panel on Postclosure Health and Safety received scoring instructions.

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<u>Scoring Activities</u>		
	<u>Number Completed</u>	<u>Total</u>
Influence Diagrams	20	20
Scoring Activities	170	680
Scoring Activities:		25% Complete

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Surface Base Testing Prioritization (SBTP)

An SBTP task dry run was conducted for the next week's NWTRB presentation and the planned NRC Technical Exchange.

The list of experts to serve on the Assessment Panel has been identified. Documentation of qualification for the panel remains to be accomplished.

Room and audio recording arrangements were made for the October 17-18, 1990, SBTP Assessment Panel meeting at the Residence Inn, Las Vegas, Nevada.

Efforts were initiated to revise the near term SBTP milestones to reflect the planned "two phase" approach.

A quality assurance (QA) surveillance of the SBTP task was conducted.

Requisition paperwork was initiated to increase the scope of work for the consulting services of John F. Lathrop, who will provide additional support to the SBTP Task Force.

Alternatives to License Application Strategies

Revision of the Final Draft Report to a Final Report is underway, with delivery to RW-1 expected by October 17, 1990.

## B. Environmental and Transportation Programs

### Environmental Field Programs

Prepared grading packages for all environmental field activities.

Worked with H&N to select trail access routes to Midway Valley trenches.

Resolved comments on research design for archaeological resources.

### Environmental Compliance and Permitting

Permit applications were refiled to the State of Nevada. Permits filed included: air quality permit, underground injection permit, and water appropriation permit. Initial permit applications were formally returned to the project by the State of Nevada in December 1989. A meeting is scheduled this week with the U.S. National Park Service to discuss the lifting of their protest of the water appropriations permit application.

### Transportation Studies

The transportation team conducted an internal review of De Leuw Cather, subcontractor on the railspur effort. De Leuw Cather has successfully completed their tasking ahead of schedule. The Clark County Regional Transportation Commission was briefed on Yucca Mountain transportation activities.

## C. Field Operations

A formal review of Administrative Procedure 5.24Q, "As-Built Drawings and Specifications," was completed.

A tour of the Sample Management Facility was conducted for staff members of the Las Vegas Review Journal.

Putting together the preliminary draft of "General Design Requirements" for several planned, new facilities. These are the Central Receiving Warehouse, the Document Control Center Facility, and the Yucca Mountain Project Office Motor Pool Yard at Area 25.

Reviewing four Field Operating Instructions (FOIs): Visitor Control and Personnel Information; Field Telecommunications; Reporting Emergencies, Unusual Occurrences and Off-Normal Events to DOE; and Field Inspection Liaison Quality Procedures.

Continued preparing data and information for the biweekly Yucca Mountain Site Office Field Activity Report to the Project Manager.

Internal preparations underway for Midway Valley/Calcite-Silica efforts relative to networking and applicable administrative procedures or FOIs.

D. Project Planning and Control

Conducted familiarization and training program for the Regulatory and Site Evaluation Division of the Project Office. Attendees included the Division Director and Planning & Control System (PACS) Project Work Breakdown Structure Element Manager assigned to the Division. The purpose of the training was to familiarize the managers with PACS and the PACS products that they will be using in managing the Yucca Mountain Project.

Distributed fiscal year (FY) 1991 Performance Measurement Baseline Planning Sheets to PACS participants who have provided new schedule data. Also, distributed PACS performance measurement products with actuals through August 1990.

E. QA Implementation

QA personnel attended the American Society of Mechanical Engineers National Convention.

The FY 1991 Audit Schedule was issued.

Staff performed special surveillance of Project Office Training Records in preparation for upcoming audit.

The QA Requirements Document and QA Program Description were approved by John Bartlett and delivered to NRC on October 3, 1990, by HQ QA personnel.

Plans have been finalized for the first follow-up QA Workshop to discuss the scientific community's perceived problems in implementing the QA Program. The Workshop is scheduled for two and a half days starting Wednesday, October 10, 1990, through Friday, October 12, 1990. Major issues will be discussed and work groups assigned to propose resolutions. Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Sandia National Laboratories, and U.S. Geological Survey have been requested to provide senior representatives from their scientific community in addition to the Technical Project Officer and QA Manager to assist in this process. Representatives from DOE will also participate. In addition, the NRC will be available to provide assistance and guidance on interpretations of the regulations.

F. Major Oversight Group Meetings

No major oversight group meetings were held this week.

G. Public Outreach Activities

Project personnel staffed the Yucca Mountain Project tabletop exhibit at the Las Vegas, Nevada, Jaycees State Fair, September 28-October 7, 1990, at Cashman Field.

Project personnel staffed the Yucca Mountain Project tabletop exhibit at the Nevada Library Association meeting held October 4-5, 1990, in Ely, Nevada.

H. Near Term Decision Plan

The SBTP core team transmitted the letter report to the Project Office. This report was a demonstration of the Phase One (Spreadsheet) application of the prioritization methodology. This activity is in support of milestone RYJ04, which is expected to be accomplished in November 1990. The approach is planned to be initiated and completed by the end of December 1990.

II. ANALYSIS AND VERIFICATION DIVISION

Attended Performance Assessment (PA) Computational Exercise presentation and PA Management Group Meeting on October 3-5, 1990, in Las Vegas, Nevada.

Continued review and revision of draft responses to the NRCs SCA on the SCP. The responses are scheduled to be completed by October 5, 1990.

Reviewed the Office of Civilian Radioactive Waste Management Annual Report to Congress.

Participated in presentation of FY 1992 Budget to the U.S. Office of Management and Budget on October 3, 1990.

Participated in meeting with John Bartlett on October 3, 1990, to discuss preparations on the Management Plan for Site Suitability Methodology.

Participated in meeting with Dwight Shelor, Office of Systems and Compliance, to discuss the role of the Conceptual Design, Title I, and Title II when the ESF Design is re-started.

John W. Bartlett

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### III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The Project Manager accompanied John Bartlett to the Senate Subcommittee on Nuclear Regulation of the Committee on Environment and Public Works hearing held on Tuesday, October 2, 1990, at which John Bartlett appeared as a witness.

The Project Manager attended John Bartlett's Topical Senior Executive's Meeting on Thursday, October 4, 1990, in Washington, D.C.

All comments for the Technical Assessment Review of the Waste Acceptance Preliminary Specification for High-Level Waste Glass have been received. Fifty percent of these comments have been resolved.

Four Project Office staff members participated in preparation of the programmatic (acquisition) functional analysis at Richland, Washington.

### 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>
<b>A. <u>DOE/EQ Meetings</u></b>			
Thursday, November 1	Program Management Meeting	Washington, DC	C. Gertz, Project Office
<b>B. <u>Internal Project and DOE/NV meetings</u></b>			
No meetings scheduled at this time.			
<b>C. <u>State and Public Interactions (P)</u></b>			
Monday, October 8	Clark Cty. Comm. College (CCCC) Political Science Class	Las Vegas, NV	C. Gertz, Project Office
Wednesday, October 10	Nevada Association of Student Council	Las Vegas, NV	C. Gertz, Project Office
Tuesday, October 23	Topical Symposium Environmental Radiation & Public Policy	Las Vegas, NV	C. Gertz, Project Office

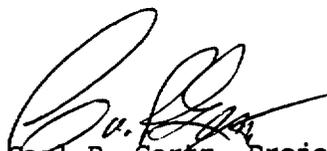
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>State and Public Interactions (continued) (P)</u></b>			
Monday, October 29	UNLV Panel Discussion on Nuclear Waste	Las Vegas, NV	C. Gertz, Project Office
Wednesday, October 31	International Bro- therhood of Elec. Workers	Las Vegas, NV	C. Gertz, Project Office
Saturday, November 3	CCCC Panel Discussion on Nuclear Waste	Las Vegas, NV	C. Gertz, Project Office
Wednesday, November 7	Public Update Meeting	Hawthorne, NV	C. Gertz, Project Office
Thursday, November 8	Public Update Meeting	Amargosa, NV	C. Gertz, Project Office
Monday - Friday, November 12-16	1990 American Nuclear Society Meeting	Washington, DC	C. Gertz, Project Office
Tuesday, November 20	Public Update Meeting	Henderson, NV	C. Gertz, Project Office
Wednesday, January 9	Daughters of the American Revolution	Las Vegas, NV	C. Gertz, Project Office
<b>D. <u>Yucca Mountain Project Tabletop Exhibit Showings (P)</u></b>			
Friday - Sunday, September 28 - October 7	Las Vegas Jaycees State Fair	Las Vegas, NV	M. Powell, Project Office
Thursday - Saturday, October 4-6	Nevada Library Association	Ely, NV	M. Powell, Project Office
Friday - Sunday, October 12-14	Southern Nevada Home Expo	Las Vegas, NV	M. Powell, Project Office

John W. Bartlett

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>D. <u>Yucca Mountain Project Tabletop Exhibit Showings (continued) (P)</u></b>			
Friday - Sunday, October 26-28	Fair Show '90 - Clark County Community College	N. Las Vegas, NV	M. Powell, Project Office
Wednesday, October 31	Nevada Day Celebration	Las Vegas, NV	M. Powell, Project Office
Friday - Sunday, November 2-4	Henderson Expo	Henderson, NV	M. Powell, Project Office
Friday - Saturday, November 16-17	Nevada State Teachers Association	Elko, NV	M. Powell, Project Office
<b>E. <u>NRC Interactions</u></b>			
Friday, October 12	TE on SBTP in Calico Hills	Rockville, MD	A. Simmons, Project Office
Monday, November 11	NRC QA Meeting	Washington, DC area	TBD
Tuesday - Wednesday, October 30-31	TE on Performance Assessment	Albuquerque, NM	A. Simmons, Project Office
Thursday - Friday, November 8-9	TE on Calico Hills Risk-Benefit Analysis	Denver, CO	A. Simmons, Project Office
Wednesday, November 21	TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office
<b>F. <u>NWIRB Interactions</u></b>			
Monday, October 22	NWIRB Transportation and Systems Panel Meeting	Washington, DC	W. Dixon, Project Office
Tuesday, November 20	NWIRB TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
F. <u>NWTRB Interactions (continued)</u>			
Thursday, October 11	TE on SBTP in Calico Hills	Arlington, VA	A. Simmons, Project Office
Monday - Tuesday, October 15-16	Environment and Public Health Panel Meeting	Reno, NV	W. Dixon, Project Office
Thursday - Friday, November 1-2	NWTRB QA Panel Meeting	Arlington, VA	M. Blanchard, Project Office
Tuesday, November 21	TE on ESF Scoring	Albuquerque, NM	A. Simmons, Project Office



Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:DLH-151

cc:

F. G. Peters, HQ (RW-1) FORS  
D. E. Shelor, HQ (RW-30) FORS  
H. H. Brandt, HQ (RW-13) FORS  
J. C. Bresee, HQ (RW-10) FORS  
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Nello Del Gobbo, HQ (RW-123) FORS  
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## Department of Energy

Yucca Mountain Project Office

P. O. Box 98608

Las Vegas, NV 89193-8608

WBS 1.2.9.2

QA: N/A

SEP 26 1990

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING  
SEPTEMBER 21, 1990

### I. CRITICAL ITEM STATUS - YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

#### A. Site Characterization Planning

##### Midway Valley Trenching

The schedule now indicates a target date of January 18, 1991 (with no float). The critical path continues to be the environmental area.

Yucca Mountain Project Design Plan (Yucca Mountain Project/90-18), Revision 1, and Yucca Mountain Project Surface-Based Testing Facilities Plan (Yucca Mountain Project/90-21), Revision 1, were approved and issued as Controlled Documents for project use.

Holmes & Narver, Inc. and U.S. Geological Survey quality assurance (QA) Grading Packages were submitted to the Quality Review Board. The draft Site Specific Reclamation Requirements were received from Edgerton, Germeshausen, and Grier, Inc. The Engineering Plan was submitted to the Yucca Mountain Project Office (Project Office) for an internal review.

Safety and Health Plan was received by the project to be reviewed in accordance with Quality Management Procedure 06-04.

Test and Evaluation Plan Training is scheduled for October 3, 1990, for upper management.

##### Site Characterization Plan (SCP) Progress Reports

Project Office staff understands that the second Progress Report is now in the Secretary's S-1 for final concurrence.

SCP Comments

An Integration Group (IG) meeting held September 11 and 12, 1990, provided a forum for technical staff and IG members to review responses to comments from: California Energy Commission, Edison Electric Institute, U.S. Environmental Protection Agency, U.S. Department of the Interior, Lincoln County Board of Commissioners, State of Nevada's letter on the Exploratory Shaft Facility (ESF), and the Site Characterization Analysis. Progress was made toward closure of these comment packages, and a Program Review Group meeting is being planned for concurrence on the responses developed.

## STATUS OF SCP COMMENT RESPONSE PACKAGES

Comment Package	Status	Number of Comments
State of Nevada SCP/CD	Released 10/89	929
NRC Point Papers SCP/CD	Released 12/88	167
USGS Comments SCP/CD	Released 10/89	698
Edison Electric Institute SCP/CD	Released 10/89	5
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	Responses Complete	53
California Energy Commission	IG Review	38
Lincoln County Board of Comm.	IG Review	6
U.S. EPA	IG Review	12
U.S. Department of Interior	IG Review	35
NRC/Site Characterization	IG Review	198
State of Nevada Preliminary Letter (ESF)	IG Review	58
State of Nevada (9/89 package)	03/18/91	1,917

SCP Study Plan Status: September 21, 1990

The U.S. Nuclear Regulatory Commission (NRC) received the Acceptance and Start-Work Reviews and identified no objections for the following study plans:

- 8.3.1.8.5.1: Characterization of Volcanic Features
- 8.3.1.3.2.1: Mineralogy, Petrology, and Chemistry of Transport Pathways

The Project Office approved and transmitted the following study plans to the Office of Systems and Compliance for transmittal to the NRC:

- 8.3.1.17.4.1: Historical and Current Seismicity (Priority Level 1)
- 8.3.1.8.1.1: Probability of Magmatic Disruption of the Repository (Priority Level 1)
- 8.3.1.2.2.7: Hydrochemical Characterization of the Unsaturated Zone (Priority Level 1)
- 8.3.1.16.1.1: Characterization of Flood Potential and Debris Hazards of Yucca Mountain Site (Priority Level 1)
- 8.3.1.2.1.2: Characterization of Streamflow and Run-off (Priority Level 1)
- 8.3.1.15.1.2: Laboratory Thermal Expansion Testing (Priority Level 3)

Revised drafts were received for Priority Level 1 Study Plan 8.3.1.2.1.3, "Characterization of Regional Ground-Water Flow System," and Priority Level 1 Study Plan 8.3.1.2.2.1, "Characterization of Unsaturated Zone Infiltration." These study plans are now ready for comment verification.

A comment resolution meeting was held in Denver, Colorado, for Priority Level 1 Study Plan 8.3.1.17.4.10, "Geodetic Leveling."

STUDY PLAN BREAKDOWN

Project Office Acceptance Review . . .	3
Revision . . . . .	1
Project Review . . . . .	0
Post-Project Office Revision . . . .	0
Parallel Project Office/HQ Review . . .	12
HQ Review (Project Office Review complete) . . . . .	0
Awaiting comment resolution . . . .	6
Post HQ Revision . . . . .	9
Project Office/HQ Audit . . . . .	14
NRC Acceptance Review . . . . .	6
Revision . . . . .	0
NRC Start-Work Review . . . . .	0
Revision . . . . .	0
NRC Acceptance . . . . .	4
 Total . . . . .	 55

ESF Alternatives and Calico Hills Studies

The draft report on geotechnical inputs and model results to date for the Calico Hills study is nearing completion. A workshop to refine issue resolution concepts for the value portion of the decision model was held on September 5, 1990. A final decision on recommendations for revision to the decision model should be accomplished by the close of the technical panel meeting scheduled for September 17-18, 1990, in Las Vegas, Nevada.

Additional strategies for review and completion of the risk/benefit analysis are being evaluated by the task group. Preliminary arrangements for a peer review of the geotechnical inputs are under way. Estimates of schedules and costs for various strategies are also being developed.

Scoring sheets, information packets, and review instructions were provided to the Characterization Testing and Postclosure Health and Safety Panels.

Scoring activities are five percent complete.

## OPTIONS STATUS

	Number Completed	Total
Influence Diagrams	20	20
Scoring Activities	34	680

Surface Base Testing Prioritization (SBTP)

The Core Team has completed collating and correlating a list of potentially adverse conditions and "disqualifiers" from 10 CFR Part 60, 10 CFR Part 960, and the February 8, 1990, "Elicitation of Concerns" Meeting. This list will be used in the assessment process and in the spreadsheet model.

The SBTP Core Team held a meeting on September 19, 1990, to discuss and plan the final contents of the September 28, 1990, milestone report.

Alternatives to License Application Strategies (ATLAS)

The ATLAS Final Draft Report is undergoing revision based on comments received.

B. Environmental and Socioeconomic Programs

See Section II Significant Accomplishments/Information Items.

C. Field Operations

The Technical Review Committee informed Lang Exploratory Drilling (Lang) of their acceptance of the Lang Technical Proposal, with certain modifications.

The draft of the Yucca Mountain Project Safety and Health Plan was issued for review and comment resolution this week.

Several pertinent Field Operating Instructions were issued to certain U.S. Department of Energy (DOE) personnel for internal review.

D. Project Planning and Control

Work was initiated this week on the Project Manager's presentation to the Office of Management and Budget scheduled for later this month.

The Yucca Mountain Project Manager briefed members of Congress and their staff on the Project's Planning and Control System.

E. QA Implementation

Project staff attended a conference with the NRC to discuss QA issues.

F. Major Oversight Group Meetings

Tentative meetings with the Nuclear Waste Technical Review Board (NWTREB) are being planned for January 1991 to discuss the design process for the waste package and repository bases and an April 1991 workshop on development of robust waste package concepts.

G. Public Outreach Activities

Project Institutional staff began planning for the next round of Yucca Mountain Project Public Update Meetings. The meetings will be held in Hawthorne, Nevada, November 7, 1990; Amargosa Valley, Nevada, November 8, 1990; and Henderson, Nevada, November 20, 1990.

A member of the Institutional staff attended the Mid-Atlantic Region Information Center Meeting September 17 and 18, 1990, in Bolton, Maryland.

## II. ANALYSIS AND VERIFICATION DIVISION

The Project Manager provided a Congressional Briefing to Senator Robert Graham's Committee on the Project-level Planning & Control System on Thursday, September 20, 1990, in Washington, D.C.

Began review of ESF Design Requirements. Completion is scheduled for September 28, 1990.

Continued preparation of revisions to QA documents to reflect changes in organization. Revised the Office of Geologic Disposal/Analysis and Verification Division Indoctrination and Training Matrices.

## III. SIGNIFICANT ACCOMPLISHMENTS/INFORMATION ITEMS

The Project Manager and staff attended the National Academy of Sciences/NRC symposium on radioactive waste repository licensing on September 17-18, 1990, in Washington, D.C.

The second of three courses sponsored by the Yucca Mountain Project Systems Engineering Branch entitled "Principles of Systems Engineering" was initiated.

Public Land Order 6802 was signed by the Secretary of the Interior on September 17, 1990. A notice of this will be published in the Federal Register sometime next week. This completes the withdrawal from the mining and mineral leasing laws of approximately 4,255 acres on Yucca Mountain. This event is a milestone on the Near-Term Decision Plan, and was completed approximately four months earlier than scheduled.

The Ninth U.S. Circuit Court of Appeals has rejected the State of Nevada's claim that laws passed during the 1989 State Legislature effectively veto the repository project in Nevada. A unanimous decision by the three-judge panel found no merit in the State's claim. The action opens the way for litigation to proceed in U.S. District Court in Las Vegas, Nevada, over the State's refusal to issue environmental permits to DOE.

## 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>
<b>A. <u>DOE/Headquarters (HQ) Meetings</u></b>			
Wednesday, September 26	Program Management Meeting	Washington, DC	C. Gertz, Project Office

John W. Bartlett

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>A. <u>DOE/HQ Meetings (continued)</u></b>			
Thursday, October 4	Topical Senior Management Meeting	Washington, DC	C. Gertz, Project Office
Thursday, November 1	Program Management Meeting	Washington, DC	C. Gertz, Project Office
<b>B. <u>Internal Project and DOE/NV meetings</u></b>			
Thursday, October 18 (tentative)	Planning and Budget Meeting	Las Vegas, NV	C. Gertz, Project Office
Friday, October 19 (tentative)	PM-TPO Meeting	Las Vegas, NV	C. Gertz, Project Office
<b>C. <u>State and Public Interactions</u></b>			
Friday, September 28	Operating Engineers, Local 12	Las Vegas, NV	C. Gertz, Project Office
Tuesday, October 2	Spectrum '90 Nuclear & Hazardous Waste Management Internat'l Topical Meeting	Knoxville, TN	C. Gertz, Project Office
Wednesday, October 10	Nevada Association of Student Council	Las Vegas, NV	C. Gertz, Project Office
Tuesday, October 23	Topical Symposium Environmental Radia- tion & Public Policy	Las Vegas, NV	C. Gertz, Project Office
Wednesday, October 31	International Bro- therhood of Elec. Workers	Las Vegas, NV.	C. Gertz, Project Office
Wednesday, November 7	Public Update Meeting	Hawthorne, NV	C. Gertz, Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>C. <u>State and Public Interactions (continued)</u></b>			
Thursday, November 8	Public Update Meeting	Amargosa, NV	C. Gertz, Project Office
Monday - Friday, November 12-16	1990 American Nuclear Society Meeting	Washington, DC	C. Gertz, Project Office
Tuesday, November 20	Public Update Meeting	Henderson, NV	C. Gertz, Project Office
Wednesday, January 9	Daughters of the American Revolution	Las Vegas, NV	C. Gertz, Project Office
<b>D. <u>Yucca Mountain Project Tabletop Exhibit Showings (P)</u></b>			
Thursday - Sunday, September 27-30	Women of the '90s Show	Las Vegas, NV	M. Powell, Project Office
Friday - Sunday, September 28 - October 7	Las Vegas Jaycees State Fair	Las Vegas, NV	M. Powell, Project Office
Thursday - Saturday, October 4-6	Nevada Library Association	Ely, NV	M. Powell, Project Office
Friday - Sunday, October 12-14	Southern Nevada Home Expo	Las Vegas, NV	M. Powell, Project Office
Friday - Sunday, October 26-28	Fair Show '90 - Clark County Community College	N. Las Vegas, NV	M. Powell, Project Office
Wednesday, October 31	Nevada Day Celebration	Las Vegas, NV	M. Powell, Project Office

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>D. <u>Yucca Mountain Project Tabletop Exhibit Showings (P) (continued)</u></b>			
Friday - Sunday, November 2-4	Henderson Expo	Henderson, NV	M. Powell, Project Office
Friday - Saturday, November 16-17	Nevada State Teachers Association	Elko, NV	M. Powell, Project Office
<b>E. <u>NRC Interactions</u></b>			
Wednesday - Thursday, September 26-27	TE on Unsaturated Zone Hydrology and Hydrochemistry Testing	Denver, CO	M. Blanchard, Project Office
Friday, October 12	TE on SBTP in Calico Hills	TBD	A. Simmons, Project Office
Tuesday - Wednesday, October 30-31	TE on Performance Assessment	Albuquerque, NM	A. Simmons, Project Office
Thursday - Friday, November 8-9	TE on Calico Hills Risk-Benefit Analysis	Denver, CO	A. Simmons, Project Office
<b>F. <u>NWTRB Interactions</u></b>			
Thursday, October 11	TE on SBTP in Calico Hills	TBD	A. Simmons, Project Office
Monday - Tuesday, October 15-16	Environment and Public Health Panel Meeting	Reno, NV	W. Dixon, Project Office
Thursday - Friday, November 1-2	NWTRB Quality Assurance Panel Meeting	Arlington, VA	M. Blanchard, Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
<b>F. <u>NWTRB Interactions (continued)</u></b>			
Thursday, November 22	Transportation and Systems Panel Meeting	Washington, DC	W. Dixon, Project Office



Carl P. Gertz, Project Manager  
Yucca Mountain Project Office

YMP:DLH-5114

## cc:

F. G. Peters, HQ (RW-1) FORS  
D. E. Shelor, HQ (RW-30) FORS  
H. H. Brandt, HQ (RW-13) FORS  
J. C. Bresee, HQ (RW-10) FORS  
Samuel Rousso, HQ (RW-10) FORS  
R. A. Milner, HQ (RW-12) FORS  
Nello Del Gobbo, HQ (RW-123) FORS  
B. A. Cerny, HQ (RW-14) FORS  
S. J. Brocoum, HQ (RW-20) FORS  
J. M. Hyde, HQ (RW-223) FORS  
T. H. Isaacs, HQ (RW-4) FORS  
R. J. Blaney, HQ (RW-4) FORS  
C. M. Smith, HQ (RW-421) FORS  
R. M. Jackson, HQ (RW-422) FORS  
Ginger King, HQ (RW-43) FORS  
M. A. Ferguson, HQ (RW-43) FORS  
Jeff Roberts, CH, IL  
Marianne Heiskell, ORO  
J. H. Anttonen, BWI, RL, WA  
Ron Pope, ORNL, Oak Ridge, TN  
L. R. Hayes, USGS, Las Vegas, NV  
P. T. Prestholt, NRC, Las Vegas, NV  
Robert Jackson, Weston, Washington, DC  
Donald Schweitzer, BNL, Upton, NY  
T. O. Hunter, SNL, 6310, Albuquerque, NM  
R. W. Lynch, SNL, 6300, Albuquerque, NM  
R. L. Bullock, FSN, Las Vegas, NV  
R. F. Pritchett, REECo, Las Vegas, NV  
R. J. Herbst, LANL, Los Alamos, NM  
D. T. Oakley, LANL, Washington, DC  
L. J. Jardine, LLNL, Livermore, CA  
H. E. Adkins, MACTEC, Las Vegas, NV  
R. E. Lowder, MACTEC, Las Vegas, NV  
W. V. Macnabb, SAIC, Las Vegas, NV  
B. E. Reilly, SAIC, Las Vegas, NV