



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

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Las Vegas, Nevada 89101
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TO: Joseph Holonich, Acting Director, HLPD, M/S 4 H 3

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

DATE: September 3, 1991

SUBJECT: YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS

Please find enclosed the above-referenced report for the weeks of August 9, and August 16, 1991.

There is nothing requiring specific management attention in the reports.

nan

cc w/encs.: King Stablein, M/S 4 H 3
Harold R. Denton, M/S 17 F 2
Dean Kunihiro, Region 5

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PDR WASTE PDR
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NH03



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

WBS 1.2.9
QA: N/A

AUG 26 1991

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
AUGUST 16, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Office of Civilian Radioactive Waste Management (OCRWM) Milestone
(M/S) status: (See note)

The following milestones/activities have not been completed in
accordance with their scheduled dates as outlined in the RW-1
letter of February 12, 1991, to RW-20 and RW-30:

| MILESTONE | SCHEDULED DATE | EXPECTED DATE |
|--|-------------------|------------------|
| R0: Prepare plan for resolution of the U.S. Nuclear Regulatory Commission (NRC) Site Characterization Analysis (SCA) Design Control Objection. | 3/15/91 | TBD |
| H2: Prepare transition plan from current document hierarchy to new document hierarchy (Management System Improvement Strategy [MSIS]). | 3/15/91 | TBD |
| H4: Letter transmittal to the NRC by the Office of Systems and Compliance informing them of implementation of the Design Control Process by OCRWM. | 3/31/91 | 9/16/91 |

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

Site Characterization Plan (SCP) Progress Report (PR)

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

SCP Comments

YMPO staff are preparing for a briefing to the Advisory Committee on Nuclear Waste regarding SCP comment responses for August 28-29, 1991. YMPO staff await any edits by OCRWM managers for responses to the State of Nevada's September 1989 SCP comments, which were forwarded to OCRWM on August 6, 1991. Edits were requested by August 20, 1991.

SCP Study Plan (SP) Status

Comments were received from the State of Nevada on SP 8.3.1.8.1.1, "Probability of Magmatic Disruption of the Repository."

STUDY PLAN BREAKDOWN

| | |
|---|----|
| In Screening Review | 0 |
| In Revision after Screening Review | 1 |
| In YMPO and Headquarters (HQ) Review | 12 |
| Awaiting Comment Resolution Meeting | 9 |
| Awaiting Author Revision | 7 |
| In YMPO/HQ Verification Audit | 8 |
| Verification Complete-Awaiting HQ sign-off | 0 |
| Awaiting YMPO Approval | 1 |
| Approved and Awaiting transmittal to NRC | 0 |
| NRC Phase 1 Review | 20 |
| NRC Acceptance | 8 |
| Total | 66 |
| Received Comments from the State of Nevada | 6 |
| Response Transmitted to the State of Nevada | 3 |
| Received Comments from the NRC..... | 4 |
| Responses Transmitted to HQ | 3 |
| Responses Awaiting HQ Transmittal to NRC | 0 |
| Responses Transmitted to NRC | 3 |

Early Site Suitability Evaluation (ESSE)

On Tuesday and Wednesday, August 13-14, 1991, the Peer Review Panel met in Las Vegas, Nevada, for briefings and a field trip to the Yucca Mountain site.

Prototype Drilling

No new items this week.

B. Environmental Programs

Environmental Compliance and Permitting

On August 13, 1991, responses were sent to the State of Nevada for its first and second set of interrogatories pertaining to the water appropriations permit application public hearing.

C. Field Operations

The Job Package 91-8, Aerial Mapping, was implemented.

Roy Clason, Director of Policy for the Occupational and Safety Health Administration, attended a tour of Yucca Mountain on Friday and Saturday, August 16-17, 1991.

Sample Examinations at the Sample Management Facility were conducted by U.S. Geological Survey staff.

Work resumed on the exhaust scrubber system at the Sample Management Facility.

D. Project Planning and Control

A two-day reconciliation meeting was held in Las Vegas, Nevada, with the U.S. Department of Energy (DOE)/HQ independent cost estimating (ICE) staff and their contractors to discuss the ICE of the YMP cost and schedule baseline. A final report is expected in a few weeks.

E. Quality Assurance Implementation

The Office of Quality Assurance (OQA) staff met with YMPO representatives on August 13-14, 1991, to discuss the ongoing HQ/YMP procedure consolidations into Quality Assurance Administrative Procedures. The meeting resulted in the following: An agreement on the review process; a listing of procedures for potential consolidation; and recommendations for management on improvements to the current document hierarchy. This is the first meeting in an ongoing effort by OQA to coordinate the consolidation effort.

The Yucca Mountain Quality Assurance Division staff observed the internal audit of Lawrence Livermore National Laboratory (LLNL). The audit was conducted at LLNL on August 12-16, 1991.

F. Major Oversight Group Meetings

A Nuclear Waste Technical Review Board (NWTB) Transportation and Systems Panel public hearing was held August 15, 1991, in Denver, Colorado.

G. Public Outreach Activities

Presentation and handout material was prepared for a technical YMP overview presentation given by the Project Manager on August 14, 1991, for Victor Stello, Jr., Principal Deputy Assistant Secretary for Facilities, Defense Programs, prior to his departure from the Yucca Mountain Information Office, Las Vegas, Nevada, for a tour of the Nevada Test Site.

General YMP overview presentations were arranged and coordinated for the Americana Realtors Commercial Group on August 13, 1991, the American Business Women's Association on August 14-15, 1991, and to the American Society of Mechanical Engineers on August 16, 1991.

H. Systems Management and Integration

Management System Improvement Strategy

MSIS staff is participating in the review of the ESF Physical Systems Document.

Performance Assessment

No new items this week.

Technical Data Management

No new items this week.

Geographic Information System

No new items this week.

II. ANALYSIS & VERIFICATION DIVISION (AVD)

Participated in the Revised ESF Title I Design Summary review of the South Ramp Access on August 12-16, 1991, in Las Vegas, Nevada.

Participated in a peer review kick-off meeting for the ESSE document on August 13-16, 1991, in Las Vegas, Nevada.

Participated in the dry run for the October 1991 NWTRB meeting on thermal loading on August 13-14, 1991, in Las Vegas, Nevada.

Participated in an N-tunnel field trip for briefing on mechanical mining techniques on August 15, 1991, at the Nevada Test Site.

Initiated review and summary of NRC comments on the DOE responses to the NRC SCA.

Initiated review of proposed resolutions to the OGD/AVD technical comments provided under the Administrative Procedure 1.10Q review procedure for SP 8.3.1.2.2.8, "Fluid Flow in Unsaturated Fractured Rock."

III. GENERAL INFORMATION ITEMS

YMP

The presentation for the Pre-Energy Systems Acquisition Advisory Board (ESAAB) Meeting was accepted favorably by ESAAB staff representatives at the meeting held on August 7, 1991.

Technical and Management Support Services (T&MSS)

All comments were received and are being resolved for the 06-04 Management Review for the Value Engineering Plan.

The 06-04 Management Reviews for the Maintenance Plan and the Risk Management Plan have been initiated.

All comments have been received and are being resolved for the 06-04 Management Review for the report documenting development of the Reference Design Concept.

The Internal Technical Review of the Technical Requirements Document for Yucca Mountain Project Surface-Based Testing began this week.

Raytheon Services Nevada (RSN)

The Independent Technical Review of the ESF South Area Design Studies began on Monday, August 12, 1991. All comments have been received and are in the process of resolution.

The first draft of eleven chapters of the Preliminary Safety Analysis Report were turned over to T&MSS. RSN is continuing to provide information with respect to mitigation of mining accidents.

As-built drawings for Trench 14 are under review.

John W. Bartlett

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Los Alamos National Laboratory (LANL), LLNL, and Sandia National Laboratories (SNL)

The first dry run for the Thermal Loading NWTRB Meeting was held. DOE, T&MSS, LANL, LLNL, and SNL participated.

IV. UPCOMING EVENTS CALENDAR

Please note that the usage of "(P)" in the calendar indicates that the event is open to the public. Educational presentations and State and Public Interactions are handled by the Speakers Bureau; contact Linda Artis at (702) 794-7896 for additional information. Exhibits are handled by Kevin Rohrer at (702) 794-7769, and tours are handled by Mindy Wadkins at (702) 794-7374.

| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>YMPO Contact</u> |
|---|--|-------------------|---------------------|
| A. <u>DOE/HQ Meetings</u> | | | |
| No meetings scheduled. | | | |
| B. <u>Internal and DOE/NV Meetings</u> | | | |
| Tuesday, August 20 | DOE/NV Program Review Meeting | Las Vegas, NV | C. Gertz |
| Thursday, August 22 | TPO Meeting | Las Vegas, NV | C. Gertz |
| Thursday- Friday, August 22-23 | Planning & Budget Meeting | Las Vegas, NV | C. Gertz |
| C. <u>NRC Interactions</u> | | | |
| CANCELLED Tuesday, August 20 | NRC TE on ESF Design Control Process | Washington, DC | J. Cooper |
| Tuesday, August 20 | NRC TE on ESF Design Status Dry Run | Las Vegas, NV | J. Cooper |
| Thursday, September 12 | NRC Management Mtg. on Procedural Agreements | Washington, DC | T. Bjerstedt |
| Monday- Tuesday, September 16-17 | NRC TE on ESF Design Status | Las Vegas, NV | J. Cooper |

John W. Bartlett

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| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>YMPO Contact</u> |
|---|--|----------------------|---------------------|
| C. <u>NRC Interactions</u> (continued) | | | |
| Tuesday- Wednesday, October 29-30 | NRC TE on Scenario Development & CCDF | TBD | J. Cooper |
| Tuesday, November 19 | NRC Meeting on Regulatory Strategy | Washington, DC | T. Bjerstedt |
| Wednesday, November 20 | NRC Interactions Scheduling Meeting | Washington, DC | J. Cooper |
| D. <u>NWTRB Interactions (P)</u> | | | |
| Thursday, August 15 | NWTRB T&S Panel Public Hearing | Denver, CO | A. Simmons |
| Monday- Tuesday, August 26-27 | WIPP Tour and Roundtable Discussion | Albuquerque, NM | A. Simmons |
| POSTPONED Thursday- Friday, September 5-6 | SG&G Panel Mtg. on Seismic Vulnerabilities | Salt Lake Cty, UT | A. Simmons |
| Wednesday- Thursday, September 18-19 | Borehole Sealing and Backfill | Albuquerque, NM | A. Simmons |
| Wednesday- Thursday, September 18-19 | SG&G Panel Mtg. on ESF Design Review | Las Vegas, NV | A. Simmons |
| Wednesday- Friday, September 25-27 | T&S Panel Meeting | TBD | A. Simmons |
| Tuesday- Thursday, October 8-10 | NWTRB Full Board Meeting | Las Vegas, NV | A. Simmons |
| Tuesday- Wednesday, November 12-13 TENTATIVE | SG&G Panel Mtg. on Borehole Sealing and Backfilling, and ESF Design | Seattle, WA | A. Simmons |

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| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>Speaker</u> |
|--|---|---------------------------|----------------------|
| E. <u>State and Public Interactions</u> | | | |
| Friday, August 16 | American Society of Mechanical Engineers | Las Vegas, NV | C. Gertz |
| Tuesday, August 20 | Mesquite Club | Las Vegas, NV | J. Younker |
| Thursday, August 22 | Nevada "Affected" County Officials | Las Vegas, NV | C. Gertz |
| Thursday, August 22 | Palo Verde Nuclear Power Plant | Wintersburg, AZ | M. Powell J. King |
| Wednesday, August 28 | National Professional Aviators | Nellis AFB | A. Robison |
| Tuesday, September 24 | YMP Lecture Series "Volcanoes" (P) | Info Office, Las Vegas | B. Crowe |
| Thursday, September 26 | YMP Lecture Series "Volcanoes" (P) | Beatty, NV | B. Crowe |
| Monday, September 30 | Focus '91 Nuclear Waste Packaging | Las Vegas, NV | C. Gertz |
| Tuesday, October 15 | Inyo County Republican Women, Federated | Bishop, CA | C. Gertz |
| Thursday, October 17 | YMP Lecture Series "Environment" (P) | Beatty, NV | G. Fasano |
| Friday, October 18 | Discover Nevada Conference | Las Vegas, NV | C. Gertz |
| Tuesday, October 29 | YMP Lecture Series "Environment" (P) | Info Office, Las Vegas | G. Fasano |
| Tuesday, November 5 | National Contractors Management Assn. | Las Vegas, NV | C. Gertz |
| Tuesday, November 19 | YMP Lecture Series "Earthquakes" (P) | Info Office, Las Vegas | J. King |
| Thursday, November 21 | YMP Lecture Series "Earthquakes" (P) | Beatty, NV | J. King |

John W. Bartlett

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| <u>Date</u> | <u>Event</u> | <u>Location</u> |
|--|---|---|
| F. Exhibits Scheduled | | |
| Sunday- Wednesday, September 8-11 | American Society for Public Administration | Las Vegas, NV |
| Tuesday-Friday, September 17-20 | Nevada Association of Counties | Fallon, NV |
| Saturday, September 21 | Public Open House (P) | Las Vegas, NV |
| Thursday-Sunday, September 26-29 | Women of the '90s (P) | Las Vegas, NV |
| Friday-Sunday, September 27- October 6 | Jaycees State Fair (P) | Las Vegas, NV |
| Thursday- Saturday, October 3-5 | Nevada Library Association | Reno/Sparks, NV |
| Thursday- Saturday, October 10-12 | Nevada League of Cities | Mesquite, NV |
| Thursday- Saturday, October 17-19 | Aerospace Education Conference | Las Vegas, NV |
| Saturday, October 19 | SNL Open House | Albuquerque, NM |
| <u>Date</u> | <u>Event</u> | <u>Escorts</u> |
| G. Tours Scheduled | | |
| Tuesday, August 20 | Congressional Staff | A. Robison B. Crowe D. Dobson W. Dixon |
| Wednesday, August 21 | Nevada "Affected" Counties | A. Robison D. Dobson W. Dixon B. Crowe |

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| <u>Date</u> | <u>Event</u> | <u>Location</u> |
|--|------------------------------|---------------------------------------|
| G. <u>Tours Scheduled</u> (continued) | | |
| Friday, August 23 | Desert Research Institute | TBD |
| Saturday, August 24 | Laborers/Miners Union | Various Escorts |
| Thursday, August 29 | M. J. Jameson (DOE/HQ) | A. Robison B. Andrews G. Fisher |
| Saturday, September 21 | Public Open House (P) | Various Escorts |
| Tuesday, October 22 | Northern States Power | TBD |
| Wednesday, October 23 | Public Open House (P) | Various Escorts |
| Saturday, November 16 | Public Open House (P) | Various Escorts |

YMP:DLH-5289

Maxwell Blanchard
 Carl P. Gertz
 Project Manager

cc:

H. H. Brandt, HQ (RW-13) FORS
 J. C. Bresee, HQ (RW-10) FORS
 S. J. Brocoum, HQ (RW-22) FORS
 B. A. Cerny, HQ (RW-12) FORS
 M. A. Ferguson, HQ (RW-5) FORS
 Stephanie Hannah, HQ (PA-3) FORS
 T. H. Isaacs, HQ (RW-4) FORS
 G. P. King, HQ (RW-5) FORS
 Eric Knox, HQ (RW-5.1) FORS
 R. A. Milner, HQ (RW-40) FORS
 F. G. Peters, HQ (RW-2) FORS
 Samuel Rouso, HQ (RW-10) FORS
 J. D. Saltzman, HQ (RW-5) FORS
 D. E. Shelor, HQ (RW-30) FORS



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

WBS 1.2.9
 QA: N/A

AUG 16 1991

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

OFFICE OF GEOLOGIC DISPOSAL WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
 AUGUST 9, 1991

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

A. Site Characterization Planning

Exploratory Studies Facility (ESF) Task Force Activities

Office of Civilian Radioactive Waste Management (OCRWM) Milestone
 (M/S) status: (See note)

The following milestones/activities have not been completed in
 accordance with their scheduled dates as outlined in the RW-1
 letter of February 12, 1991, to RW-20 and RW-30:

| | MILESTONE | SCHEDULED DATE | EXPECTED DATE |
|-----|--|-------------------|------------------|
| R0: | Prepare plan for resolution of the U.S. Nuclear Regulatory Commission (NRC) Site Characterization Analysis Design Control Objection. | 3/15/91 | TBD |
| H2: | Prepare transition plan from current document hierarchy to new document hierarchy Management System Improvement Strategy. | 3/15/91 | TBD |
| H4: | Letter transmittal to the NRC by Office of Systems & Compliance informing them of implementation of the Design Control Process by OCRWM. | 3/31/91 | 9/91 |

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

Site Characterization Plan (SCP) Progress Report (PR)

A concurrence draft on PR 4 was sent to OCRWM on July 31, 1991, for approval. Release date for PR 4 is contingent on the progress of OCRWM's concurrence.

SCP Comments

Integration Group review of the responses to comments from the State of Nevada on the SCP is nearly complete. A subset of these draft responses requiring Program Review Group review has been transmitted to RW-2. Draft responses have been completed to all comments received from the public to date.

SCP Study Plan (SP) Status

SP 8.3.1.9.2.2, "Water Resource Assessment for Yucca Mountain," was submitted to the Yucca Mountain Site Characterization Project Office (YMPO) for approval.

STUDY PLAN BREAKDOWN

| | |
|---|----|
| In Screening Review | 0 |
| In Revision after Screening Review | 1 |
| In YMPO and HQ Review | 12 |
| Awaiting Comment Resolution Meeting | 9 |
| Awaiting Author Revision | 7 |
| In YMPO/HQ Verification Audit | 8 |
| Verification Complete-Awaiting HQ sign-off | 0 |
| Awaiting YMPO Approval | 1 |
| Approved and Awaiting Transmittal to NRC | 0 |
| NRC Phase 1 Review | 20 |
| NRC Acceptance | 8 |
| Total | 66 |
| <hr/> | |
| Received Comments from the State of Nevada | 5 |
| Response Transmitted to the State of Nevada | 4 |
| <hr/> | |
| Received Comments from the NRC | 7 |
| Responses Transmitted to HQ | 3 |
| Responses Awaiting HQ Transmittal to NRC | 1 |
| Responses Transmitted to NRC | 2 |

Early Site Suitability Evaluation (ESSE)

The ESSE Report is undergoing an Administrative Procedure (AP) 1.3 (Publications Review and Approval) review at the U.S. Department of Energy/Headquarters (DOE/HQ). Comments will be submitted by Friday, August 9, 1991. On Tuesday and Wednesday, August 13-14, 1991, the Peer Review Panel will be in Las Vegas, Nevada, for briefings and a field trip to the Yucca Mountain site.

Prototype Drilling

LM300 shakedown drilling resumed in Tooele, Utah.

B. Environmental Programs

No new items this week.

C. Field Operations

Job Package 91-8, Aerial Mapping, has been authorized and field surveying is 83 percent complete.

The YMP Site Manager is on annual leave until August 22, 1991. Robert J. White has been appointed Acting Site Manager in his absence.

August 1991 has been designated Safety Awareness Month and the kickoff meeting will take place August 9, 1991, in the Terrace Room of the Desert Inn Hotel starting at 1:30 p.m. Roy Clason, Director of Policy for the Occupational and Safety Health Administration, will be the guest speaker.

A sample examination was conducted by Chris Rautman, Sandia National Laboratories.

D. Project Planning and Control

The YMP began development of the Office of Management and Budget narrative for fiscal year (FY) 1993 and out years. The product will be transmitted to DOE/HQ on Monday, August 12, 1991.

The final FY 1991 approved funding plan (AFP) and beginning FY 1992 AFP were submitted to DOE/HQ for concurrence.

E. Quality Assurance (QA) Implementation

YMP QA staff conducted a surveillance at U.S. Geological Survey (USGS) August 5-7, 1991. The surveillance is being conducted to review software-related activities.

The Quality Integration Group is meeting August 7-9, 1991, to review the draft of the Quality Assurance Requirements and Policy Document. Comments will be provided to Donald Horton, Office of Quality Assurance.

F. Major Oversight Group Meetings

No major meetings this week.

G. Public Outreach Activities

Coordinated viewgraph preparation and handout material for a technical project overview presentation given by the Project Manager at the pre-Energy Systems Acquisition Advisory Board (ESAAB) meeting held on August 7, 1991.

Tours to Yucca Mountain were conducted on August 8, 1991, for David Zinzer, Legislative Assistant for Nevada State Senator Harry Reid, and for Roy Clason, Director of Policy, U.S. Department of Labor.

A YMP exhibit was set up and staffed for the Nevada State Fair in Reno, Nevada, on August 7-11, 1991.

Public Outreach communications training was arranged and coordinated to enhance presentation techniques for the YMP speakers bureau, exhibit staffers, and tour volunteers. Approximately 35 employees attended the two all-day seminars.

H. Systems Management and Integration

Management System Improvement Strategy (MSIS)

MSIS staff is participating in the review of the ESF Physical Systems Document.

Performance Assessment

The following Lawrence Livermore National Laboratory (LLNL) papers were received by YMPO: "Preliminary Calculations of Release Rates from Spent Fuel in a Tuff Repository," by M. J. Apted, W. J. O'Connell, K. H. Lee, A. T. Mac Intyre, T.-S. Ueng, T. H. Pigford, and W. W.-L. Lee; UCRL-JC-104832, July 1991 (presented at the Second Annual International High-Level Radioactive Waste Management Conference & Exposition), and "Corrosion Models for Performance Assessment of High-Level Radioactive Waste Containers," by J. C. Farmer, G. E. Gdowski, R. D. McCright, and H. S. Ahluwalia; UCRL-JC-103517, July 1991 (submitted to Nuclear Engineering and Design).

Technical Data Management

Work continues on the Technical Data Handbook, "Parameter Normalization," and the Technical Data Base Quarterly Catalog. Development of the Automated Technical Data Tracking system is on schedule; training for system users is projected for early September 1991.

Geographic Information System (GIS)

Meetings were held with personnel from USGS to familiarize them with the GIS, its capabilities, and the products which can be made available. Field checking was done on the first set of planimetric information generated from the orthophoto quad maps.

II. ANALYSIS & VERIFICATION DIVISION

Participated in a site visit to the Defense High-Level Waste Process Facility at Savannah River Laboratory, August 7-8, 1991.

Participated in pre-ESAAB activities and meeting on August 7, 1991, in Washington, D.C.

Participated in a dry run for the DOE-NRC meeting on design control for the ESF, August 8, 1991, in Washington, D.C.

Reviewed the NRC Draft Technical Position on "Geologic Repository Operations Area Underground Facility Design — Thermal Loads."

Reviewed and provided comments on the revised Quality Assurance Administrative Procedure (QAAP) 17.1 and draft QAAP 6.2.

Reviewed the Independent Cost Estimate supporting data for the ESF.

Participated in the Program Managers meeting on August 8, 1991, in Washington, D.C.

Initiated a technical review under AP 1.10Q procedure for SP, 8.3.1.5.1.6, "Characterization of the Future Regional Climate and Environment."

Initiated review and update of the status of the U.S. Waste Management Program for Organization for Economic Cooperation and Development/Nuclear Energy Agency paper.

Reviewed the Draft Mission Plan Amendment for required revisions due to budget changes and subsequent program changes.

III. GENERAL INFORMATION ITEMS

Technical and Management Support Systems

The Quality Management Procedure (QMP) 06-04, Management Review of the report documenting the development of the Reference Design Concept began on Friday, August 9, 1991.

Viewgraph presentations were prepared for the NRC and pre-ESAAB dry runs which were presented in Washington, D.C.

John W. Bartlett

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The QMP 06-04 review is underway for the Value Engineering Plan, the Maintenance Plan, and the Risk Management Plan.

Action is being taken to baseline the Mined Geologic Disposal System, System Requirements, Supporting Document, Repository Design Requirements, and ESF Design Requirements Documents in order to begin limited design activities to initiate work on the access road and pad for the ESF.

The Repository Plan was issued for distribution.

Raytheon Services Nevada (RSN)

The Management Review of the South Area Design Studies received a total of 496 comments. Approximately 30 percent of these comments were deferred to Title II ESF. All comments not deferred have been incorporated into the appropriate documents.

The external QA audit was completed with no major deficiencies found.

Invitation letters went out to the reviewers for the independent review of the South Area Design Studies which is to begin Monday, August 12, 1991.

Los Alamos National Laboratory (Los Alamos)

The Tracer Injection System Report was revised and updated.

The draft of the Preliminary Safety Analysis Report is being reviewed.

A meeting is scheduled next week with Los Alamos Principal Investigators to close out the Transportation Program Plan (TPP)-91-5 with them.

A meeting was held with LLNL on Monday, August 5, 1991, to close out their TPP-91-5 package.

LLNL

Preparation was begun for a paper on the ranking of materials for the waste package used in the SCP conceptual design.

Preparations were made for a dry run in Las Vegas, Nevada, of the Thermal Loading and Repository Design Workshop.

IV. UPCOMING EVENTS CALENDAR

Please note that the usage of "(P)" in the calendar indicates that the event is open to the public. Educational presentations and State and Public Interactions are handled by the Speakers Bureau; contact Linda Artis at (702) 794-7896 for additional information. Exhibits are handled by Kevin Rohrer at (702) 794-7769, and tours are handled by Mindy Wadkins at (702) 794-7374.

| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>YMPO Contact</u> |
|---|--|-------------------|---------------------|
| A. <u>DOE/HQ Meetings</u> | | | |
| No meetings scheduled. | | | |
| B. <u>Internal and DOE/NV Meetings</u> | | | |
| No meetings scheduled. | | | |
| C. <u>NRC Interactions</u> | | | |
| Wednesday- Thursday, August 7-8 | NRC SV on Waste Form: Glass | Savannah River | J. Cooper |
| Thursday, August 20 | NRC TE on ESF Design Control Process | Washington, DC | J. Cooper |
| Thursday, September 12 | NRC Management Mtg. on Procedural Agreements | Washington, DC | T. Bjerstedt |
| Monday- Tuesday, September 16-17 | NRC TE on ESF Design Status | Las Vegas, NV | J. Cooper |
| Tuesday- Wednesday, October 29-30 | NRC TE on Scenario Development & CCDF | TBD | J. Cooper |
| Tuesday, November 19 | NRC Meeting on Regulatory Strategy | Washington, DC | T. Bjerstedt |
| Wednesday, November 20 | NRC Interactions Scheduling Meeting | Washington, DC | J. Cooper |

| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>YMPO Contact</u> |
|---|--|--------------------------|---------------------|
| D. <u>NWTRB Interactions (P)</u> | | | |
| Thursday, August 15 | NWTRB T&S Panel Public Hearing | Denver, CO | A. Simmons |
| Monday- Tuesday, August 26-27 | WIPP Tour and Roundtable Discussion | Albuquerque, NM | A. Simmons |
| TBD | SG&G Panel Mtg. on Seismic Vulnerabilities | Salt Lake Cty, UT | A. Simmons |
| Wednesday- Thursday, September 18-19 | Borehole Sealing and Backfill | Albuquerque, NM | A. Simmons |
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| Wednesday- Friday, September 25-27 | T&S Panel Meeting | TBD | A. Simmons |
| Tuesday- Thursday, October 8-10 | NWTRB Full Board Meeting | Las Vegas, NV | A. Simmons |
| Tuesday- Wednesday, November 12-13 TENTATIVE | SG&G Panel Mtg. on Borehole Sealing and Backfilling, and ESF Design | Seattle, WA | A. Simmons |
| E. <u>State and Public Interactions</u> | | | |
| Saturday, August 10 | Cub Scout Pack #209 | Info Office Las Vegas | E. Harle |
| Tuesday, August 13 | Americana Group Realtors | Las Vegas, NV | A. Robison |
| Wednesday, August 14 | American Business Women's Association Gambleiers Chapter | Las Vegas, NV | A. Gil |
| Wednesday, August 14 | Presentation to Principal Deputy Assistant Secretary for Facilities Defense Programs | Las Vegas, NV | C. Gertz |

John W. Bartlett

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| <u>Date</u> | <u>Event</u> | <u>Location</u> | <u>YMPO Contact</u> |
|--|--|--------------------------|---------------------|
| E. <u>State and Public Interactions</u> (continued) | | | |
| Thursday, August 15 | American Business Women's Association Silver State Chapter | Las Vegas, NV | TBD |
| Tuesday, August 20 | Mesquite Club | Las Vegas, NV | J. Younker |
| Thursday, August 22 | Palo Verde Nuclear Power Plant | Wintersburg, AZ | C. Gertz |
| Tuesday, September 24 | YM Lecture Series "Volcanoes" (P) | Info Office Las Vegas | B. Crowe |
| Thursday, September 26 | YM Lecture Series "Volcanoes" (P) | Beatty, NV | B. Crowe |
| Monday, September 30 | Focus '91 Nuclear Waste Packaging | Las Vegas, NV | C. Gertz |
| Tuesday, October 15 | Inyo County Republican Women, Federated | Bishop, CA | C. Gertz |
| Thursday, October 17 | YM Lecture Series "Environment" (P) | Beatty, NV | G. Fasano |
| Friday, October 18 | Discover Nevada Conference | Las Vegas, NV | C. Gertz |
| Tuesday, October 29 | YM Lecture Series "Environment" (P) | Info Office Las Vegas | G. Fasano |
| Tuesday, November 19 | YM Lecture Series "Earthquakes" (P) | Info Office Las Vegas | J. King |
| Thursday, November 21 | YM Lecture Series "Earthquakes" (P) | Beatty, NV | J. King |

F. Exhibits Scheduled

| <u>Date</u> | <u>Event</u> | <u>Location</u> |
|-------------|----------------------------|-----------------|
| TBD | Lincoln County Fair (P) | Panaca, NV |

| <u>Date</u> | <u>Event</u> | <u>Location</u> |
|---|-------------------------------------|---|
| F. <u>Exhibits Scheduled</u> (continued) | | |
| Saturday through Monday, August 31 - September 2 | Pioche Labor Day (P) Celebration | Pioche, NV |
| Saturday, September 21 | Public Open House (P) | Las Vegas, NV |
| Thursday through Sunday, Sept. 26-29 | Women of the '90s (P) | Las Vegas, NV |
| Friday through Sunday, Sept. 27 thru Oct. 6 | Jaycees State Fair (P) | Las Vegas, NV |
| G. <u>Tours Scheduled</u> | | |
| <u>Date</u> | <u>Event</u> | <u>Escorts</u> |
| Wednesday, August 14 | ESSE Task Force | M. Voegele J. Younker |
| Tuesday, August 20 | Congressional Staff | C. Gertz B. Crowe D. Dobson W. Dixon |
| Wednesday, August 21 | NV "Affected" Counties | TBD |
| Saturday, August 24 | Laborers/Miners Union | Various Escorts |
| Thursday, August 29 | M. J. Jameson, (DOE/HQ) | A. Robison B. Andrews G. Fisher |
| Saturday, September 21 | Public Open House (P) | Various Escorts |
| Tuesday, October 22 | Northern States Power | TBD |

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G. Tours Scheduled (continued)

| <u>Date</u> | <u>Event</u> | <u>Escorts</u> |
|--------------------------|-----------------------|-----------------|
| Wednesday, October 23 | Public Open House (P) | Various Escorts |
| Saturday, November 16 | Public Open House (P) | Various Escorts |

YMP:DLH-5157

Jr Maxwell Blankenship
 Carl P. Gertz
 Project Manager

CC:

H. H. Brandt, HQ (RW-13) FORS
 J. C. Bresee, HQ (RW-10) FORS
 S. J. Brocoum, HQ (RW-22) FORS
 B. A. Cerny, HQ (RW-12) FORS
 M. A. Ferguson, HQ (RW-5) FORS
 Stephanie Hannah, HQ (PA-3) FORS
 T. H. Isaacs, HQ (RW-4) FORS
 G. P. King, HQ (RW-5) FORS
 Eric Knox, HQ (RW-5.1) FORS
 R. A. Milner, HQ (RW-40) FORS
 F. G. Peters, HQ (RW-2) FORS
 Samuel Rousso, HQ (RW-10) FORS
 J. D. Saltzman, HQ (RW-5) FORS
 D. E. Shelor, HQ (RW-30) FORS
 C. M. Smith, HQ (RW-2) FORS
 Jeff Roberts, CH, IL
 Marianne Heiskell, ORO
 J. H. Anttonen, BWI, RL, WA
 Ron Pope, ORNL, Oak Ridge, TN
 L. R. Hayes, USGS, Las Vegas, NV
 P. T. Prestholt, NRC, Las Vegas, NV
 Donald Schweitzer, BNL, Upton, NY
 R. J. Herbst, LANL, Los Alamos, NM
 D. T. Oakley, LANL, Washington, DC
 L. J. Jardine, LLNL, Livermore, CA
 T. E. Blejwas, SNL, 6310, Albuquerque, NM
 R. W. Lynch, SNL, 6300, Albuquerque, NM
 R. L. Bullock, RSN, Las Vegas, NV
 H. E. Adkins, MACTEC, Las Vegas, NV
 R. E. Lowder, MACTEC, Las Vegas, NV
 R. F. Pritchett, REECO, Las Vegas, NV
 Janet Docka, Weston, Washington, DC
 Robert Gamble, Weston, Washington, DC
 Grace Haggerty, Weston, Washington, DC