



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

Reply to:
301 East Stewart Ave., #203
Las Vegas, Nevada 89101
Tel: (702) 388-6125
FTS: 598-6125

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

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

DATE: March 5, 1992

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

Please find enclosed the above-referenced OGD report
for the week ending February 21, 1992.

There is nothing requiring specific management
attention in the reports.

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 Sandia National
Laboratories January 1992 Monthly Highlights
and Status Report,
and the Job Package: 92-5, Midway Valley
Excavations Phases I and II

089119

9203100152 920305
PDR WASTE
WM-11 PDR

102
WM-11
M403



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

FEB 27 1992

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

OFFICE OF GEOLOGIC DISPOSAL (OGD) WEEKLY HIGHLIGHTS FOR THE WEEK ENDING
 FEBRUARY 21, 1992

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

A. Site Characterization Planning

Regulatory Interactions

The Regulatory Interaction Branch staff attended the Advisory Committee on Nuclear Waste Meeting in Bethesda, Maryland, on February 19-20, 1992. A presentation was made by the Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS/M&O) on the status of the Early Site Suitability Evaluation (ESSE) task.

Exploratory Studies Facility (ESF) Task Force Activities

The 50 percent design review is comprised of 25 drawings, 12 analyses, and 74 specifications. The status is as follows:

<u>Drawings</u>	<u>Analysis</u>	<u>Specifications</u>
Through Engineering (25)	Initial Draft (12)	Initial Draft (64)
Through Computer-aided Draft Design (CADD)(22)	Final Draft (06)	Final Draft (60)
Through Review (10)	Review (02)	Review (24)

The 90 percent ESF review will include the above and additional documents consisting of 76 drawings, 33 analyses, and 34 specifications, for a total of 101 drawings, 45 analyses, and 108 specifications. The status of the additional documents is as follows:

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Through CADD (02)	Final Draft (00)	Final Draft (00)
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Site Characterization Plan (SCP) Progress Report

No significant new items to report this week.

SCP Study Plan (SP) Status

No SPs were approved by YMP during this week.

STUDY PLAN BREAKDOWN

In Screening Review	0
In Revision after Screening Review	3
In Yucca Mountain Site Characterization Project Office (YMPO) and U.S. Department of Energy Headquarters (DOE/HQ) Review	2
Awaiting Comment Resolution Meeting	6
Awaiting Author Revision	11
In YMPO/HQ Verification Audit	7
Awaiting YMPO Approval	2
Approved and Awaiting Transmittal to the U.S. Nuclear Regulatory Commission (NRC)	1
NRC Phase 1 Review	15
NRC Acceptance	19
Total	66

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

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

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Sample Management Facility

Continued processing cutting specimens from UZN-37. Collected and prepared Topopah Spring outcrop samples for public display.

Compiled specimen requests for the upcoming FOC meeting and laid out 46 boxes of existing core for examination.

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This involved obtaining and inputting data from participants into the Planning and Control System performance data (schedule status and costs) through January 1992, integrating the data, and combining it into project-level data.

Produced a Cost Schedule Change Request to add FY 1991 carry-over dollars into the FY 1992 planning base.

E. Quality Assurance Implementation

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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.

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Tours to Yucca Mountain, Nevada, were conducted on February 19, 1992, for the Independent Cost Estimate Team, and on February 20, 1992, for RV Ralley (Amargosa Valley).

John W. Bartlett

-6-

G. Systems Management and IntegrationGeochemistry

No significant new items to report this week.

II. ANALYSIS & VERIFICATION DIVISION

No significant new items to report this week.

III. GENERAL INFORMATION ITEMSCRWMS/M&O

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YMP

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John W. Bartlett

-7-

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/BQ Meetings</u>			
Monday, February 24	Engine of Evolution Workshop	Las Vegas, NV	C. Gertz
Wednesday, February 26	Program Management Review	Las Vegas, NV	C. Gertz
Wednesday, March 25	Program Management Review	Washington, DC	C. Gertz
B. <u>Internal and DOE/NV Meetings</u>			
Friday, March 6	TPO Meeting	Las Vegas, NV	C. Gertz
Friday, March 6	Planning and Budget Meeting	Las Vegas, NV	C. Gertz
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
C. <u>NRC Interactions</u>			
Tuesday- Wednesday, February 25-26	Waste Form: Spent Nuclear Fuel	Richland, WA	T. Bjerstedt
Tuesday, March 17	Thermal Loads	Albuquerque, NM	T. Bjerstedt
Wednesday, March 18	Air, Vapor Movements Due to Thermal Gradients	Albuquerque, NM	T. Bjerstedt
Tuesday- Wednesday, April 28-29	Complimentary Cumulative Distribution Function	Albuquerque, NM	T. Bjerstedt

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>YMPO Contact</u>
C. <u>NRC Interactions</u> (continued)			
Tuesday, May 19	Interactions Schedulings	Rockville, MD	T. Bjerstedt
Wednesday, May 27	DOE Licensing Topical Report on Erosion	Rockville, MD	T. Bjerstedt
Wednesday, June 3	Drafts on License Application	Rockville, MD	T. Bjerstedt
(TBD) July 1992	Topical Report Calcite/Silica	TBD	T. Bjerstedt
(TBD) August 1992	WIPP - Briefing and Tour	Carlsbad, NM	T. Bjerstedt
(TBD) September 1992	Total System Performance Assessment	TBD	T. Bjerstedt
D. <u>NWTRB Interactions (P)</u>			
Tuesday- Wednesday, March 10-11	NWTRB T&S Panel	Arlington, VA	A. Simmons
Monday- Friday, April 6-10	NWTRB Full Board Meeting	Dallas, TX	A. Simmons
Monday, May 11	NWTRB Panel on EBS	Hanford, WA	A. Simmons
Wednesday, May 13	NWTRB Panel on EBS	Idaho Falls, ID	A. Simmons
Tuesday- Friday, July 7-10	NWTRB Full Board Meeting	Denver, CO	A. Simmons
Thursday- Friday, August 13-14	NWTRB Full Board Meeting	Las Vegas, NV	A. Simmons
Saturday- Sunday, August 22-23	NWTRB Panel on SG&G	Las Vegas, NV	A. Simmons

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Monday, February 24	O'Callaghan Junior High School	YMIO, Las Vegas, NV	K. Wirtz A. Stephenson K. Beall
Tuesday, February 25	Yucca Mountain Lecture Series "Radiation"	YMIO Las Vegas, NV	A. Colarusso S. Sorg J. Ginanni L. O'Neill
Tuesday, February 25	University of Nevada, Las Vegas	Las Vegas, NV	D. Stahl
Wednesday February 26	Pahrump Chamber of Commerce	Pahrump, NV	C. Gertz
Thursday, February 27	Yucca Mountain Lecture Series "Radiation"	YMIO Beatty, NV	A. Colarusso S. Sorg J. Ginanni L. O'Neill
Sunday, March 1	International Public Communications Forum	Tucson, AZ	C. Gertz
Monday, March 2	Waste Management '92 Symposium	Tucson, AZ	C. Gertz
Tuesday, March 3	O'Callaghan Junior High School	Las Vegas, NV	J. Cooper D.Harrison-Giesler K. Beall P. Fransioli
Wednesday, March 4	Chamber of Commerce Leadership Program	Las Vegas, NV	G. Fasano R. Arnold
Thursday, March 5	Mineral County Commission	Hawthorne, NV	P. Standish
Saturday, March 7	Boy Scouts Atomic Energy Merit Badge Workshop	Las Vegas, NV	E. Harle
Monday, March 9	Nevada Nuclear Waste Task Force	Reno, NV	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u> (continued)			
Tuesday, March 10	LLNL/DOE Pressure Safety Conf.	Las Vegas, NV	C. Gertz
Tuesday, March 10	Green Valley Library	Henderson, NV	R. Arnold
Monday, March 16	University of Nevada, Electrical Engineering Honor Society	Reno, NV	C. Gertz
Wednesday, March 18	Southern Nevada Floor Covering Assn.	Las Vegas, NV	C. Gertz
Tuesday, March 24	USCEA Fuel Cycle '92 Conference	Charleston, SC	J. Younker
Thursday, March 26	Family Home Hospice	Las Vegas, NV	R. Arnold
Thursday, March 26	Yucca Mountain Lecture Series	YMIO, Beatty, NV	R. Arnold
Saturday, March 28	Boy Scouts Geology Merit Badge Workshop	Las Vegas, NV	E. Harle
Tuesday, March 31	Yucca Mountain Lecture Series	YMIO, Las Vegas, NV	R. Arnold
Saturday, April 4	Girl Scouts Merit Badge Workshop	Las Vegas, NV	E. Harle
Friday, April 10	American Power Dispatchers Assn.	Las Vegas, NV	C. Gertz
Monday, May 4	ASQC Third International Waste Management Conference	Las Vegas, NV	C. Gertz
Thursday, May 7	Nevada Water Savers	Las Vegas, NV	R. Arnold

John W. Bartlett

-11-

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. Exhibits Scheduled		
Monday-Thursday, February 24-27	Society for Mining and Metallurgy	Phoenix, AZ
Saturday, February 29	Public Open House (P)	Las Vegas, NV
Sunday-Thursday, March 1-5	Waste Management Symposia	Tucson, AZ
Saturday, March 28	Public Open House (P)	Las Vegas, NV
Saturday, April 25	Public Open House (P)	Las Vegas, NV
Thursday, May 28	Public Open House (P)	Las Vegas, NV
Saturday, June 27	Public Open House (P)	Las Vegas, NV
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. Tours Scheduled		
Tuesday, February 25	Sandia National Laboratories	R. Orzel
Wednesday, February 26	Jewish Community Center	M. Wadkins
Wednesday, February 26	Steve Huff DOE-HQ	TBD
Friday, February 28	OCRWM	R. Dyer W. Dixon M. Blanchard
Saturday, February 29	Public Open House (P)	Various Escorts
Friday, March 6	Waste Management '92	TBD

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Tuesday, March 10	Monmouth College	S. Jones
Friday, March 13	Booker 6th Grade Center	TBD
Wednesday, March 18	Las Vegas Chamber of Commerce	TBD
Friday, March 20	Chaparral High School	L. Thompson
Wednesday, March 25	Energy Fuels Nuclear	TBD
Saturday, March 28	Public Open House (P)	Various Escorts
Thursday, April 2	DOE Office of Hearings and Appeals	TBD
Friday, April 17	International High Level Waste Management Conference	K. Beall
Saturday, April 25	Public Open House (P)	Various Escorts
Monday, May 11	Institute of Shaft Drilling Technology	TBD
Thursday, May 28	Public Open House (P)	Various Escorts
Saturday, June 27	Public Open House (P)	Various Escorts

YMP:DLH-2144

Maxwell Blanchard
 Carl P. Gertz
 Project Manager



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

*Record kept
 Rejected
 3/5/97*

WBS 1.2.9.2
 QA: N/A

FEB 27 1992

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

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(TBD) August 1992	WIPP - Briefing and Tour	Carlsbad, NM	T. Bjerstedt
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Tuesday- Wednesday, March 10-11	NWTRB T&S Panel	Arlington, VA	A. Simmons
Monday- Friday, April 6-10	NWTRB Full Board Meeting	Dallas, TX	A. Simmons
Monday, May 11	NWTRB Panel on EBS	Hanford, WA	A. Simmons
Wednesday, May 13	NWTRB Panel on EBS	Idaho Falls, ID	A. Simmons
Tuesday- Friday, July 7-10	NWTRB Full Board Meeting	Denver, CO	A. Simmons
Thursday- Friday, August 13-14	NWTRB Full Board Meeting	Las Vegas, NV	A. Simmons
Saturday- Sunday, August 22-23	NWTRB Panel on SG&G	Las Vegas, NV	A. Simmons

John W. Bartlett

-9-

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u>			
Monday, February 24	O'Callaghan Junior High School	YMIO, Las Vegas, NV	K. Wirtz A. Stephenson K. Beall
Tuesday, February 25	Yucca Mountain Lecture Series "Radiation"	YMIO Las Vegas, NV	A. Colarusso S. Sorg J. Ginanni L. O'Neill
Tuesday, February 25	University of Nevada, Las Vegas	Las Vegas, NV	D. Stahl
Wednesday February 26	Pahrump Chamber of Commerce	Pahrump, NV	C. Gertz
Thursday, February 27	Yucca Mountain Lecture Series "Radiation"	YMIO Beatty, NV	A. Colarusso S. Sorg J. Ginanni L. O'Neill
Sunday, March 1	International Public Communications Forum	Tucson, AZ	C. Gertz
Monday, March 2	Waste Management '92 Symposium	Tucson, AZ	C. Gertz
Tuesday, March 3	O'Callaghan Junior High School	Las Vegas, NV	J. Cooper D. Harrison-Giesler K. Beall P. Fransioli
Wednesday, March 4	Chamber of Commerce Leadership Program	Las Vegas, NV	G. Fasano R. Arnold
Thursday, March 5	Mineral County Commission	Hawthorne, NV	P. Standish
Saturday, March 7	Boy Scouts Atomic Energy Merit Badge Workshop	Las Vegas, NV	E. Harle
Monday, March 9	Nevada Nuclear Waste Task Force	Reno, NV	C. Gertz

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Speaker</u>
E. <u>State and Public Interactions</u> (continued)			
Tuesday, March 10	LLNL/DOE Pressure Safety Conf.	Las Vegas, NV	C. Gertz
Tuesday, March 10	Green Valley Library	Henderson, NV	R. Arnold
Monday, March 16	University of Nevada, Electrical Engineering Honor Society	Reno, NV	C. Gertz
Wednesday, March 18	Southern Nevada Floor Covering Assn.	Las Vegas, NV	C. Gertz
Tuesday, March 24	USCEA Fuel Cycle '92 Conference	Charleston, SC	J. Younker
Thursday, March 26	Family Home Hospice	Las Vegas, NV	R. Arnold
Thursday, March 26	Yucca Mountain Lecture Series	YMIO, Beatty, NV	R. Arnold
Saturday, March 28	Boy Scouts Geology Merit Badge Workshop	Las Vegas, NV	E. Harle
Tuesday, March 31	Yucca Mountain Lecture Series	YMIO, Las Vegas, NV	R. Arnold
Saturday, April 4	Girl Scouts Merit Badge Workshop	Las Vegas, NV	E. Harle
Friday, April 10	American Power Dispatchers Assn.	Las Vegas, NV	C. Gertz
Monday, May 4	ASQC Third International Waste Management Conference	Las Vegas, NV	C. Gertz
Thursday, May 7	Nevada Water Savers	Las Vegas, NV	R. Arnold

John W. Bartlett

-11-

<u>Date</u>	<u>Event</u>	<u>Location</u>
F. <u>Exhibits Scheduled</u>		
Monday-Thursday, February 24-27	Society for Mining and Metallurgy	Phoenix, AZ
Saturday, February 29	Public Open House (P)	Las Vegas, NV
Sunday-Thursday, March 1-5	Waste Management Symposia	Tucson, AZ
Saturday, March 28	Public Open House (P)	Las Vegas, NV
Saturday, April 25	Public Open House (P)	Las Vegas, NV
Thursday, May 28	Public Open House (P)	Las Vegas, NV
Saturday, June 27	Public Open House (P)	Las Vegas, NV
<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u>		
Tuesday, February 25	Sandia National Laboratories	R. Orzel
Wednesday, February 26	Jewish Community Center	M. Wadkins
Wednesday, February 26	Steve Huff DOE-HQ	TBD
Friday, February 28	OCRWM	R. Dyer W. Dixon M. Blanchard
Saturday, February 29	Public Open House (P)	Various Escorts
Friday, March 6	Waste Management '92	TBD

<u>Date</u>	<u>Event</u>	<u>Escorts</u>
G. <u>Tours Scheduled</u> (continued)		
Tuesday, March 10	Monmouth College	S. Jones
Friday, March 13	Booker 6th Grade Center	TBD
Wednesday, March 18	Las Vegas Chamber of Commerce	TBD
Friday, March 20	Chaparral High School	L. Thompson
Wednesday, March 25	Energy Fuels Nuclear	TBD
Saturday, March 28	Public Open House (P)	Various Escorts
Thursday, April 2	DOE Office of Hearings and Appeals	TBD
Friday, April 17	International High Level Waste Management Conference	K. Beall
Saturday, April 25	Public Open House (P)	Various Escorts
Monday, May 11	Institute of Shaft Drilling Technology	TBD
Thursday, May 28	Public Open House (P)	Various Escorts
Saturday, June 27	Public Open House (P)	Various Escorts

YMP:DLH-2144


 Maxwell Blanchard
 Carl P. Gertz
 Project Manager

