



REGULATORY/860311/Browning.029

UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

WM DOCKET CONTROL  
CENTER

Reply to:  
1050 East Flamingo Road  
Las Vegas, Nevada 89119  
Phone: FTS/388-6125

'86 MAR 14 10:57  
MEMORANDUM

DATE: March 11, 1986

FOR: Robert E. Browning, Director

FROM: Paul T. Prestholt, Sr. DR - NNWSI

SUBJECT: DOE Weekly Reports

Attached are DOE weekly reports for the weeks ending  
February 13, 20, and 27.

PTP/brm

enc. - 3

cc: JJLinehan  
KStablein  
SGBilhorn

87030028H

WM Record File

102

WM Project 11

Docket No. \_\_\_\_\_

PDR

LPDR

Distribution: JOB Justus Kennedy  
REB MJB KStablein DRM  
JLinehan MRK SGBilhorn JTG  
(Return to WM, 623-SS) Coplan CFR SAC

8605130506 860311  
PDR WASTE  
WM-11 PDR

901

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## Department of Energy

Nevada Operations Office

P. O. Box 14100

Las Vegas, NV 89114-4100

FEB 28 1986

W. J. Purcell, Director, Office of Geologic Repositories, DOE/HQ (RW-20), FORS

NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS  
FOR THE WEEK ENDING FEBRUARY 27, 1986

### I. Issues Requiring Involvement of HQ or Other Projects

#### A. New Issues

Letter to Purcell dated February 19 requests guidance regarding compliance with the consultation and cooperation aspect of the NWPA during shipment of spent fuel (Due March 13, Action Item 86-753).

Letter to Stein dated February 20 requests that Project be permitted to submit alternate ESF Concept as the reference case for budget validation. This concept was presented at budget meetings on January 31 (Due March 13, Action Item 86-762).

#### B. Previously Reported Issues:

<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
1. The NNWSI Project Plan delivered to R. J. Blaney on November 7 requires signature by W. J. Purcell. (86-182)	Open; Memo in Concurrence at HQ. Memo should be received 2/21 at NV.	12/05/85
2. Request to Purcell asking OGR to formally solicit NRC concurrence with formal agreements between Albuquerque and San Francisco field offices. (86-392)	Due January 2, 1986 Stein's office requesting concurrence from NRC. Letter to NRC in concurrence at HQ as of 2/19.	12/19/85
3. Request for Purcell to let Project know if OCRWM or OGR plan to involve ESAAB in the site decision and selection process. (86-414)	Due January 6, 1986 HQ reviewing. Memo being prepared as of 2/19.	12/19/85
4. Request for Stein to let Project know how long-term records are to be maintained. (86-386)	Due December 31, 1985 Open. Memo expected from Stein (Not received as of 2/19.)	12/19/85

5. Letter to Barrett dated December 24 requested which states are prepared to work in cooperative mode (informal agreement) with Transportation Department; also requested language that could be used in grant to the State in the area of transportation. (86-450) Due January 13, 1986  
Open. Philpott to call WMPO. 12/26/85
6. Letter to Stein dated December 18 requests that QA SOP-03-02 (Software Quality Assurance) be reviewed and approved for discussion at the January 14-15 QA Software Meeting in Las Vegas. (86-437) Due January 14, 1986  
Open. OGR is reviewing as of 2/19. 12/26/85
7. Request for Benson to define when site characterization phase actually begins. (86-517) Due January 13, 1986  
Awaiting memo from DOE/HQ confirming telcon with Benson. 01/15/86
8. Letter dated January 22 to Knight requests schedule for development of Office of Geologic Repositories (OGR) licensing information system. (86-585) Due February 12.  
Open. HQ reviewing as of 2/19. 01/30/86
9. Letter to Purcell dated January 27 requests OGR approval of NNWSI Project QA Plan (NVO-196-17, Rev. 4). (86-604) Due February 17.  
Open. Being reviewed as of 2/19. 01/30/86
10. Letter to Frei and Stein dated February 13 asks for guidance on how to address the difference between the NRC definition of the "engineered barrier" and the Project's baseline position. (86-714) Due March 6. 2/20/86

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W. J. Purcell

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|---|---------------|---------|
| 11. Letter to Knight dated February 13 requests clarification of proposed time frame for NRC Audit of WMPO before initiating site characterization; is it tied to a specific NWPA event? (86-715) | Due March 6.  | 2/20/86 |
| 12. Letter to Knight dated February 19 requests a copy of the draft policy on validating data. (86-749)   | Due March 11. | 2/20/86 |

II. Major Internal Concerns

None to report.

III. Significant Accomplishments (SA)/Information Items (II)

SA

Two milestones were completed as follows:

Site Characterization Plan (SCP) Section 5.2, Paleoclimatology, was submitted by the U.S. Department of Interior on January 8, 1986. This is Level 2 Milestone M508.

Level 2 Milestone R152, a letter report entitled, "Alternate MTS/Repository ITF Summary Report Chapter 5 Consolidations - Review and Comment," was submitted by Sandia National Laboratories on February 7.

WMPO and SAIC staff met with the informal state/local working group to discuss the content of the environmental and socioeconomic monitoring and mitigation (M&M) plans. The state's primary concern and area of intense interest is the socioeconomic M&M plan. The meeting focused on a broad discussion that the scope of the document concentrates on the impacts of site characterization. The state believes it should be broad enough to cover the development of the baseline for repository development. About half the meeting was spent attempting to determine how to use the monitoring factors presented at the last Institutional-Socioeconomic Coordinating Group (ISCG) meeting and further expanded by a consultant (John Gervers) to the state. The conclusion of the group was that the monitoring factors only had relevance when discussed in the context of issues that arise out of site characterization. Also, briefly addressed at the meeting was the public participation plan as specified on page 131 of the Mission Plan.

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W. J. Purcell

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Surveillances were conducted at Los Alamos, Sandia, and Lawrence Livermore to determine the progress they are making toward assigning quality level to activities. Another surveillance was conducted at the Core Library to establish traceability and controls exercised on USW G-4 drillhole core.

## II

None to Report.

## IV. Upcoming Events

### 1. Coordination Group Meetings

- o Thursday-Friday, March 6-7: Waste Package Coordination Group, Tucson.
- o Monday-Wednesday, March 24-26: Transportation Coordination Group Meeting, Las Vegas.

### 2. HQ Meetings

- o Wednesday-Friday, February 26-28: Advanced Conceptual Design Meeting, D.C.
- o Thursday-Friday, March 6-7: SCP Chapter 4 Review, D.C.
- o Tuesday-Thursday, March 11-13: ESF Workshop, Las Vegas.
- o Thursday-Friday, March 13-14: Copper Containers Meeting, Houston.

### 3. Internal Project and DOE/NV Meetings

- o Friday, February 28: T&MSS Monthly Status Review, Las Vegas.
- o Friday, February 28: Trench Deposits Working Group, Las Vegas.
- o Tuesday, March 4: SOC Meeting, NTS.
- o Wednesday, March 5: ESF Status Meeting.
- o Wednesday, March 5: SOP-17-01 Meeting, Las Vegas.
- o Thursday-Friday, March 13-14: USNCTT Meeting, D.C.
- o Tuesday, March 18: DOE/NV Managers Meeting, Las Vegas.
- o Thursday, March 20: ESTP Committee Meeting, Las Vegas.
- o Monday-Wednesday, March 24-26: PM-TPO Meeting, Las Vegas.

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4. State and Public Interaction

- o Monday-Friday, March 3-7: Waste Management '86, Tucson.
- o Monday-Wednesday, March 3-5: ASQC, New Jersey.
- o Friday, March 7: Tour of NTS (Don Vieth), KCTS-TV, Seattle.
- o Monday-Tuesday, March 10-11: State Legislative Council Meeting, Las Vegas.
- o Monday-Friday, March 17-21: NNWA Short Course on Hydrology, Tucson.
- o Friday, March 21: Chamber of Commerce Speech, Las Vegas (Don Vieth).
- o Friday, March 21: Nevada Commission on Nuclear Projects (Don Vieth).

5. NRC Interaction

- o Wednesday-Thursday, February 19-20: NRC visit to WMPO, Las Vegas.

WMPO:WRD-788

  
Donald L. Vieth, Director  
Waste Management Project Office

cc:

Allen Benson, DOE/HQ (RW-25), FORS  
R. J. Blaney, DOE/HQ (RW-22), FORS  
C. R. Cooley, DOE/HQ (RW-24), FORS  
M. W. Frei, DOE/HQ (RW-23), FORS  
V. J. Cassella, DOE/HQ (RW-22), FORS  
Ralph Stein, DOE/HQ (RW-23), FORS (2)  
E. S. Burton, DOE/HQ (RW-25), FORS  
T. H. Isaacs, DOE/HQ (RW-22), FORS  
Carol Peabody, DOE/HQ (RW-25), FORS  
J. O. Neff, DOE/SRPO, Columbus, OH  
S. A. Mann, DOE/CRPO, Argonne, IL  
O. L. Olson, DOE/RL, Richland, WA  
W. W. Dudley, Jr., USGS, Denver, CO  
T. O. Hunter, SNL, 6310, Albuquerque, NM  
T. E. Goebel, F&S, Las Vegas, NV  
Vincent Gong, REECo, Mercury, NTS  
D. T. Oakley, Los Alamos, NM  
L. D. Ramspott, LLNL, Livermore, CA  
M. E. Spaeth, SAIC, Las Vegas, NV  
J. A. Tegtmeier, H&N, Mercury, NTS  
J. B. Wright, W/WTSD, Mercury, NTS  
R. W. Lynch, SNL, 6310, Albuquerque, NM  
J. R. LaRiviere, SAIC, Las Vegas, NV  
J. H. Fiore, SAIC, Las Vegas, NV  
R. R. Loux, NWPO, Carson City, NV  
C. H. Johnson, NWPO, Carson City, NV  
P. T. Prestholt, NRC/Las Vegas, NV  
David Siefken, Weston, Rockville, MD ←  
Donald Schweitzer, BNL, Upton, NY  
R. W. Taft, AMES, DOE/NV



## Department of Energy

Nevada Operations Office

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MAR 01 1986

W. J. Purcell, Director, Office of Geologic Repositories, DOE/HQ (RW-20),  
FORS

### NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING FEBRUARY 20, 1986

#### I. Issues Requiring Involvement of HQ or Other Projects

##### A. New Issues

Letter to Frei and Stein dated February 13 asks for guidance on how to address the difference between the NRC definition of the "engineered barrier" and the Program's baseline position. (Due March 6, Action Item 86-714.)

Letter to Knight dated February 13 requests clarification of proposed time frame for NRC Audit of WMPO before initiating site characterization; is it tied to a specific NWPA event? (Due March 6, Action Item 86-715.)

Letter to Knight dated February 19 requests a copy of the draft policy on validating data. (Due March 11, Action Item 86-749.)

##### B. Previously Reported Issues:

<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
1. The NNWSI Project Plan delivered to R. J. Blaney on November 7 requires signature by W. J. Purcell. (86-182)	Open; Memo in Concurrence at HQ. Memo should be received 2/21 at NV.	12/5/85
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3. Request for Purcell to let Project know if OCRWM or OGR plan to involve ESAAB in the site decision and selection process. (86-414) Due January 6, 1986 HQ reviewing. Memo being prepared as of 2/19. 12/19/85
4. Request for Stein to let Project know how long-term records are to be maintained. (86-386) Due December 31, 1985 Open. Memo expected from Stein (Not received as of 2/19.) 12/19/85
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6. Letter to Stein dated December 18 requests that QA SOP-03-02 (Software Quality Assurance) be reviewed and approved for discussion at the January 14-15 QA Software Meeting in Las Vegas. (86-437) Due January 14, 1986 Open. OGR is reviewing as of 2/19. 12/26/85
7. Request for Benson to define when site characterization phase actually begins. (86-517) Due January 13, 1986 Awaiting memo from DOE/HQ confirming telcon with Benson. 1/15/86
8. Letter dated January 22 to Knight requests schedule for development of Office of Geologic Repositories (OGR) licensing information system. (86-585) Due February 12. Open. HQ reviewing as of 2/19. 1/30/86
9. Letter to Purcell dated January 27 requests OGR approval of NNWSI Project QA Plan (NVO-196-17, Rev. 4). (86-604) Due February 17. Open. Being reviewed as of 2/19. 1/30/86

**II. Major Internal Concerns**

None to report.

**III. Significant Accomplishments (SA)/Information Items (II)****SA**

The San Francisco Operations (SAN) office has approved a management agreement with DOE/NV for technical support to the Office of Civilian Radioactive Waste Management and the Nevada Nuclear Waste Storage Investigations (NNWSI) Project. The agreement was approved by SAN on February 3, 1986, and signed by the DOE/NV Manager on December 16, 1985.

**II**

The Project made presentations to the Edison Electric Institute representatives in Las Vegas on February 18 and 19 consisting of an overview of activities and schedules.

King Stablein, Nuclear Regulatory Commission (NRC) Project Manager for the NNWSI Project, visited Yucca Mountain on February 18. He visited Trench 14, the crest of Yucca Mountain, Solitario Canyon fault, and Busted Butte. Dr. Stablein will meet with WMPO staff on February 19 and 20 to discuss NRC-NNWSI Project interactions and future workshops and meetings.

**IV. Upcoming Events****1. Coordination Group Meetings**

- o Tuesday-Thursday, February 25-27: Environmental Coordinating Group, Las Vegas.
- o Thursday-Friday, March 6-7: Waste Package Coordination Group, Tucson.

**2. HQ Meetings**

- o Wednesday-Friday, February 26-28: Advanced Conceptual Design Meeting, D.C.
- o Wednesday-Thursday, February 19-20: Spent Fuel Working Group, Richland.
- o Tuesday, February 25: EMMP Group Tour of NTS.
- o Wednesday-Thursday, February 26-27: EMMP Annotated Table of Contents Meeting, Las Vegas.

- o Thursday-Friday, March 6-7: SCP Chapter 4 Review, D.C.
- o Tuesday-Thursday, March 11-13: ESF Workshop, Las Vegas.

3. Internal Project and DOE/NV Meetings

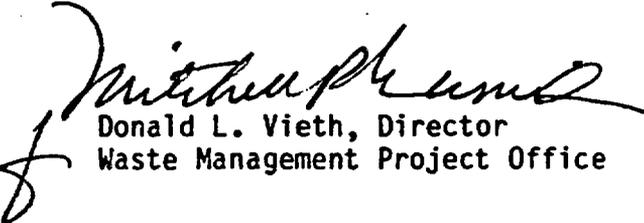
- o Thursday-Friday, February 20-21: Performance Allocation Workshop, Las Vegas.
- o Friday, February 21: ES Project Management Plan Meeting, Las Vegas.
- o Tuesday-Thursday, February 25-27: PM-TPO Meeting, Las Vegas.
- o Friday, February 28: T&MSS Monthly Status Review, Las Vegas.
- o Tuesday, March 4: SOC Meeting, NTS.
- o Wednesday, March 5: ESF Status Meeting.
- o Monday-Tuesday, March 10-11: T&MSS Management Conference, San Diego
- o Thursday-Friday, March 13-14: USNCTT Meeting, D.C.
- o Thursday, March 20: ESTP Committee Meeting, Las Vegas

4. State and Public Interaction

- o Friday, February 21: Environmental Monitoring and Mitigation Plan Meeting with State of Nevada, Las Vegas.
- o Monday-Friday, March 3-7: Waste Management '86, Tucson.
- o Friday, March 7: Tour of NTS (Don Vieth), KCTS-TV, Seattle.
- o Monday-Tuesday, March 10-11: State Legislative Council Meeting, Las Vegas.
- o Friday, March 21: Latin Chamber of Commerce Speech, Las Vegas (Don Vieth).
- o Friday, March 21: Nevada Commission on Nuclear Projects (Don Vieth).

5. NRC Interaction

- o Wednesday-Thursday, February 19-20: NRC visit to WMPO, Las Vegas.



Donald L. Vieth, Director  
Waste Management Project Office

WMPO:WRD-743

cc:

Allen Benson, DOE/HQ (RW-25), FORS  
R. J. Blaney, DOE/HQ (RW-22), FORS  
C. R. Cooley, DOE/HQ (RW-24), FORS  
M. W. Frei, DOE/HQ (RW-23), FORS  
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Ralph Stein, DOE/HQ (RW-23), FORS (2)  
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C. H. Johnson, NWPO, Carson City, NV  
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**Department of Energy**  
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FEB 25 1986

W. J. Purcell, Director, Office of Geologic Repositories, DOE/HQ (RW-20),  
FORS

**NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS  
FOR THE WEEK ENDING FEBRUARY 13, 1986**

**I. Issues Requiring Involvement of HQ or Other Projects**

**A. New Issues**

Letter to Knight dated February 5 requests a copy of any formal documentation of agreement between NRC and DOE on the licensing support system.

**B. Previously Reported Issues:**

<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
1. The NNWSI Project Plan delivered to R. J. Blaney on November 7 requires signature by W. J. Purcell.	Open; Memo in Concurrence at HQ.	12/5/85
2. Request to Purcell asking OGR to formally solicit NRC concurrence with formal agreements between Albuquerque and San Francisco field offices.	Due January 2, 1986 Stein's office requesting concurrence from NRC.	12/19/85
3. Request for Purcell to let Project know if OCRWM or OGR plan to involve ESAAB in the site decision and selection process.	Due January 6, 1986 HQ reviewing.	12/19/85
4. Request for Stein to let Project know how long-term records are to be maintained.	Due December 31, 1985 Open.	12/19/85

- |   |                               |          |
|---|-------------------------------|----------|
| 5. Letter to Barrett dated December 24 requested which states are prepared to work in cooperative mode (informal agreement) with Transportation Department; also requested language that could be used in grant to the State in the area of transportation. | Due January 13, 1986<br>Open. | 12/26/85 |
| 6. Letter to Stein dated December 18 requests that QA SOP-03-02 (Software Quality Assurance) be reviewed and approved for discussion at the January 14-15 QA Software Meeting in Las Vegas.   | Due January 14, 1986<br>Open. | 12/26/85 |
| 7. Request for Benson to define when site characterization phase actually begins.   | Due January 13, 1986<br>Open. | 1/15/86  |
| 8. Request to Sharma to send latest version of programmatic PMOA to WMPO.   | Due January 14, 1986<br>Open. | 1/15/86  |
| 9. Letter dated January 22 to Knight requests schedule for development of Office of Geologic Repositories (OGR) licensing information system.   | Due February 12.<br>Open.     | 1/30/86  |
| 10. Letter to Purcell dated January 27 requests OGR approval of NNWSI Project QA Plan (NVO-196-17, Rev. 4).   | Due February 17.<br>Open.     | 1/30/86  |

## II. Major Internal Concerns

None to report.

## III. Significant Accomplishments (SA)/Information Items (II)

### SA

A Work Package Proposal Authorization System (WPAS) automation computer program has been completed and tested. Using participant Work Breakdown Structure (WBS) input, the program generates all WPAS output tables and maintains a log of all changes made during WPAS development.

II

Donald Vieth held discussions with the managers of Sandia National Laboratories and Los Alamos National Laboratory regarding the status of the Nevada Nuclear Waste Storage Investigations (NNWSI) Project within their organizations.

King Stablein, the Nuclear Regulatory Commission's (NRC) project manager for the NNWSI Project, will tour Yucca Mountain on February 18 and visit the WMPO on February 19 and 20 to meet with Don Vieth and his staff.

Bob Loux will meet with Donald Vieth on Friday, February 14 to discuss problems with the State Grant funding.

IV. Upcoming Events1. Coordination Group Meetings

- o Tuesday-Thursday, February 25-27: Environmental Coordinating Group, Las Vegas.
- o Thursday-Friday, March 6-7: Waste Package Coordination Group, Tucson.

2. HQ Meetings

- o Tuesday, February 18: Copper Plans Meeting, HQ.
- o Wednesday, February 19: Automated Data Processing Meeting, D.C.
- o Wednesday-Friday, February 19-21: Advanced Conceptual Design Meeting, D.C.
- o Wednesday-Thursday, February 19-20: Spent Fuel Working Group, Richland.
- o Tuesday, February 25: EMMP Group Tour of NTS.
- o Wednesday-Thursday, February 26-27: EMMP Annotated Table of Contents Meeting, Las Vegas.

3. Internal Project and DOE/NV Meetings

- o Tuesday-Thursday, February 11-13: Repository Design Review, Albuquerque.
- o Tuesday, February 18: DOE/NV Management Review, Las Vegas.
- o Tuesday-Wednesday, February 18-19: Performance Allocation Workshop, Las Vegas.

- o Tuesday-Thursday, February 25-27: PM-TPO Meeting, Las Vegas.
- o Tuesday, March 4: SOC Meeting, NTS.
- o Monday-Tuesday, March 10-11: T&MSS Management Conference, San Diego

4. State and Public Interaction

- o Tuesday-Wednesday, February 18-19: EEI Meetings, Las Vegas.
- o Friday, February 21: Environmental Monitoring and Mitigation Plan Meeting with State of Nevada, Las Vegas.
- o Monday-Friday, March 3-7: Waste Management '86, Tucson.
- o Monday-Tuesday, March 10-11: State Legislative Council Meeting, Las Vegas.

5. NRC Interaction

- o Tuesday, February 18: Tour of Yucca Mountain, King Stablein, NTS.
- o Wednesday-Thursday, February 19-20: NRC visit to WMPO, Las Vegas.

WMPO:WRD-688

  
Donald L. Vieth, Director  
Waste Management Project Office

FEB 25 1986

W. J. Purcell

-5-

cc:

Allen Benson, DOE/HQ (RW-25), FORS  
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