



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

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Reply to:
1050 East Flamingo Rd.
Suite 319
Las Vegas, Nevada 89119
Tel: (702) 388-6125
FTS: 598-6125

TO: Mr. Robert E. Browning, Director
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative
DATE: July 10, 1987
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report received in this office, i.e., for week ending July 3, 1987.

nan for PTP

Enclosure

cc: J. J. Linehan
K. Stablein
S. Wastler

WM Record File

102

WM Project

11

Docket No.

PDR

XPDR

Distribution:

REB MJB
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Coplan
Ballard 3/11

Tara
Kennedy af

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PDR w/enc
(Return to WM, 623-SS)

WM Record File: 102
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Department of Energy

Post Office Box 98518
Las Vegas, NV 89193-8518

JUL 08 1987

**Stephen H. Kale, Associate Director, Geologic Repositories,
HQ (RW-20) FORS**

**NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS
FOR THE WEEK ENDING JULY 3, 1987**

I. Critical Items Status

A. Stop-Work Orders

Lawrence Livermore National Laboratory (LLNL)--The status of the five remaining scientific investigation planning (SIP) documents and their associated quality assurance level assignments (QALAs) requiring Waste Management Project Office (WMPO) approval is as follows:

SIPs approved by WMPO	5
SIPs in process	5

Three of the SIPs in progress have been submitted to the WMPO for review. The review date is not yet scheduled, but will occur during July.

U.S. Geological Survey (USGS)--The four generic conditions identified for rescinding the stop-work order on technical and scientific activities have been satisfied. Hence, the lifting of the stop-work order is now incremental with the WMPO approval of the SIPs and associated QALAs. The status of the SIPs and QALAs is as follows:

SIPs approved by WMPO	3
SIPs submitted to the WMPO for review/approval	28
SIPs in process for current investigations	21

Six of the SIPs in process have been submitted to the WMPO for review. The tentative review is scheduled to occur in July.

B. Site Characterization Plan (SCP)

Although the U.S. Department of Energy, headquarters (DOE/HQ) review of the SCP was completed on June 26, not all comments were successfully resolved. Approximately 60 percent of the text markups were returned to Science Applications International Corporation (SAIC) to begin the production process. The remaining comments will be resolved during a workshop scheduled for the week of July 6. During this week a review team met at SAIC to address the issue of Human Interference (Section 8.3.1.9) Another review team met at LLNL to address the sections dealing with Waste Package.



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Stephen H. Kale

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The delay in the comment resolution process is expected to cause the production process to be delayed as well.

An audit was performed on the data and design chapters (Chapters 1 through 7) to ensure that HQ comments had been adequately resolved in the text. This occurrence has caused an unexpected delay in the production schedule for those chapters.

C. Core Sample Management

Final Title II drawings for Warehouse #1 of the new Sample Management Facility (SMF) have been received from the Nevada Test Site Support Office. Demolition of existing structures in Warehouse #1 has begun and weapons-related core that was previously stored at the facility has been relocated.

SMF staff continued work on prototype test plan reviews and computer software development.

I-A. Project Manager's Concerns

A letter to Cerny, dated June 23, 1987, transmitted a draft of the NNWSI Project Information Management System Bridge Program Test Plan for review. (87-1884)

The following concerns have been reported previously on weekly highlights reports.

<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
1. Letter to Knight, dated March 25, requests HQ help in obtaining available U.S. Nuclear Regulatory Commission (NRC) information regarding criteria, restrictions, and analyses relating to overflight of licensed facilities by aircraft. (86-958)	Due May 6, 1986. Office of Geologic Repositories (OGR) action delayed due to higher priority issues (12/16/87 update).	03/27/86
2. January 20 letter to Stein transmits final version of letter report describing ongoing and planned site characterization activities. Requests approval to provide copies to state of Nevada at January 23 meeting. (87-749)	Due January 22, 1987.	01/23/87

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Issue	Status	First Report Date
3. Letter to Smith, dated March 10, requests the reference in the Procurement/Contracting rules where a discussion of the interface agreements can be found. (87-1133)	Due March 26, 1987.	04/03/87
4. Letter to Stein, dated March 10, requests review and comment on revised background paper for meeting with the NRC. (87-1134)	Due March 11, 1987.	04/03/87
5. Letter to Kale, dated March 26, requests review of the OGR Work Breakdown Structure, Revision (OGR/B-4). (87-1234)	Due April 1, 1987.	04/03/87
6. Letter to Cassella, dated April 16, requests assistance in obtaining final signature on NNWSI Project charter. (87-1386)	Due May 7, 1987.	04/24/87
7. Letter to Kale, dated April 30, requests expeditious final approval of NNWSI Project Quality Assurance (QA) Plan, NVO-196-17, Revision 5. (87-1477)	Due May 20, 1987.	05/08/87
8. Letter to Stein, dated May 18, requests a choice be made between two schedules of cost estimates for programs described in SCP, Section 8.3. (87-1600)	Due June 2, 1987.	05/22/87
9. Letter to Knight, dated June 1, addresses a concern relative to the Los Alamos National Laboratory (Los Alamos) Mineralogy/Petrology program audit. Clarification is requested on the concept of evaluating "technical adequacy." (87-1694)	Due June 5, 1987.	06/05/87

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II. Significant Accomplishments/Information Items

Don Vieth provided testimony to the U.S. Congress Energy Committee in Washington, D.C., on June 29. Dr. Vieth's testimony included responses to (1) concerns expressed by the state of Nevada and (2) eight DOE/HQ questions regarding tectonics, hydrology, natural resources, and repository capacity.

Project staff met with U.S. Bureau of Reclamation personnel at the G-Tunnel Underground Facility at the Nevada Test Site (NTS) to discuss preclosure risk assessment source term characterization.

Fenix & Scisson, Inc. has submitted an Exploratory Shaft Facility (ESF) Special Study, Report No. 6, ESF Ventilation, Revision No. 1, to the WMPO for approval.

III. Upcoming Events**A. Coordinating Group Meetings**

None to report.

B. HQ Meetings

None to report.

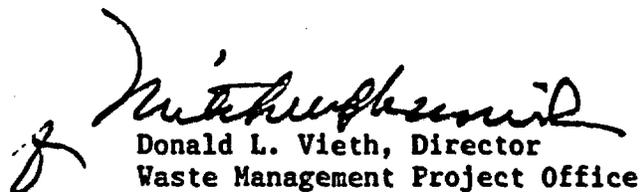
C. Internal Project and NV Meetings

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|-------------------------------------|--|------------------|------------------------|
| 1. Tuesday, July 7 | Sample Overview
Committee meeting | Las Vegas,
NV | U. Clanton,
WMPO |
| 2. Thursday, July 9 | QA managers meeting | Las Vegas,
NV | J. Blaylock,
WMPO |
| 3. Wednesday, July 8 | Exploratory Shaft Test
Planning Committee
meeting | Las Vegas,
NV | D. Irby,
WMPO |
| 4. Monday-Wednesday,
July 13-15 | Calcite-silica
peer review (tentative) | Las Vegas,
NV | M. Blanchard,
WMPO |
| 5. Thursday, July 16 | Title I Design Review
of Technical Services
Building Modifications | Mercury, NV | C. McWilliams,
NTSO |
| 6. Tuesday, July 21 | DOE/NV Manager's
meeting | Las Vegas,
NV | B. West,
WMPO |
| 7. Wednesday-Thursday
July 22-23 | Project Manager
Technical Project
Officers meeting | Las Vegas,
NV | J. Fiore,
SAIC |

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| 8. Friday, July 24 | Comprehensive Socio-economic Plan meeting | Seattle, WA | E. Lundgaard, WMPO |
| 9, July 9-10 | GAO Audit | Las Vegas, NV | D. Shipley, WMPO |
| D. | <u>State and Public Interaction</u> | | |
| E. | <u>NRC Interaction</u> | | |
| 1. Wednesday-Thursday, July 8-9 | NRC Appendix 7 review of hydrology at the USGS | Denver, CO | L. Hayes, USGS |
| F. | <u>Other</u> | | |
| | None to report. | | |

WMPO:WRD-2253


Donald L. Vieth, Director
Waste Management Project Office