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TO: Mr. Robert E. Browning, Director  
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative  
DATE: November 13, 1986  
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report  
received in this office, i.e., for week ending  
November 7, 1986.

nan for PTP

Enclosure

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

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PDR WASTE  
WM-11 PDR

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WM Record File

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WM Project 11

Docket No.

PDR ✓

LPDR ✓

Distribution:

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(Return to WM, 623-SS)

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## Department of Energy

Nevada Operations Office

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NOV 10 1986

Stephen H. Kale, Associate Director, Office of Geologic Repositories, DOE/HQ  
(RW-20) FURS

### NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING NOVEMBER 7, 1986

#### I. Critical Items Status

##### Stop Work Order

The last three Los Alamos National Laboratory (Los Alamos) scientific investigation plan documentations and quality assurance level assignments (QALAs) were approved by the Waste Management Project Office (WMPO). This action lifts the last segments of the Los Alamos stop work order.

The United States Geological Survey (USGS) quality assurance manual was approved by WMPO.

Changes in the status of the scientific investigation planning documentation and quality assurance level assignments for USGS and Lawrence Livermore National Laboratory (LLNL) are as follows:

<u>Participant</u>	<u>Task</u>	<u>Status</u>
USGS	Prototype testing of geologic studies for exploratory shaft (ES)	Revised draft submitted for administrative review.
USGS	Interim ES geologic study	Completed technical review and submitted for administrative approval.
USGS	Surface-based borehole investigations	Draft circulating for internal review.
USGS	Prototype ES tests for intact fractures, bulk permeability, and excavation effects	Submitted for preliminary review.
USGS	Prototype test for perched water	Returned to U.S. Bureau of Reclamation (USBR) for revision.

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<u>Participant</u>	<u>Task</u>	<u>Status</u>
USGS	Geochemistry	Submitted for internal review.
USGS	Characterization of vertical and lateral distribution of stratigraphic units within site area	Revision in progress based on technical review comments.
USGS	Blast effects	Beginning USBR review.
USGS	Drill hole stemming	Ready for USGS review.
LLNL	Waste package environment	Third internal draft submitted for technical review on October 24.
LLNL	Waste form--glass	In internal review. Draft due to WMPO on December 1.
LLNL	Metals barrier	Draft due for internal review on November 30.
LLNL	Exploratory shaft	Site investigation planning (SIP) documentation and QALAs approved by WMPO on October 30.
LLNL	Other materials	Technical work will not proceed until QALAs are defined and additional staff acquired.

#### Waste Package Strategy Document

At a working session with the task force October 27-31 participants discussed the draft waste package strategy document.

#### Site Characterization Plan (SCP)

The material for Permanent Internal Review Committee (PIRC) 17 (Section 8.6, Quality Assurance) was sent out for review. Comment response forms are due to the PIRC chairman by November 11 with a meeting tentatively scheduled for November 17-18.

PIRC 11 (Section 8.5, Schedules) is developing a plan for putting together Section 8.5. All other PIRCS are in various stages of review. Chapters 2 and 4, much of Chapters 1 and 6, and sections of Chapter 8 are in various stages of production and reference verification at Science Applications International Corporation (SAIC).

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A PIRC 16 meeting for Chapter 1 is planned for November 10-13.

Based on recent discussions with DOE/HQ, the NNWSI Project is being directed to accelerate the SCP schedule to make sure a public release can occur in early spring of 1987.

I-A. Project Manager's Concerns

The following concerns have been reported previously on Weekly Highlights reports.

Issue	Status	First Report Date
1. Letter to Knight dated February 13 asks for guidance on how to address the difference between the Nuclear Regulatory Commission (NRC) definition of the "engineered barrier" and the Program's baseline position. (86-714)	Due March 6, 1986.	02/20/86
2. Letter to Knight dated March 25 requests HQ help in obtaining available NRC information regarding criteria, restrictions, and analyses relating to overflight of licensed facilities by aircraft. (86-958)	Due May 6, 1986.	03/27/86
3. Draft NNWSI Project Charter sent to Cassella on June 26 to obtain necessary signatures from headquarters personnel. (86-1573)	Due July 17, 1986.	07/03/86
4. Letter to Knight dated August 6 requested comments by August 27 on proposed technical and Appendix 7 meetings with NRC and a proposed schedule. (86-2019)	Due August 27, 1986.	08/21/86

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<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
5. Letter to Jelacic dated August 21 requests information about applicability of "A Guide to Radiological Accident Considerations for Siting and Design of Department of Energy (DOE) Nuclear Facilities" to Nuclear Waste Policy Act Program. (86-2126)	Due September 11, 1986.	10/31/86
6. Letter sent on September 9 to Alexander requests review and comment on the Project's SCP Permanent Internal Review Committee (PIRC) process. (86-2250)	Due September 30, 1986.	09/18/86
7. Letter to Alexander requests level of effort support for Argonne National Laboratory in support of NNWSI Project SCP reference verification task as defined in an enclosed outline. (87-295)	Due November 6, 1986.	10/31/86
8. A letter to Roth dated October 23 requests that the Source Selection Official authority be delegated to T.R. Clark for the competitive selection of an architect/engineer contractor for the prospective Yucca Mountain radioactive waste repository. (87-296)	Due November 13, 1986.	10/31/86

Significant Accomplishments/Information Items

Los Alamos completed preparation of the SIP documentation and QALAs. The WMPO has approved all of them, releasing all Los Alamos tasks from the stop work order.

The Sample Overview Committee meeting scheduled for November 4 was postponed until November 25.

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The installation of the quality assurance records management system is complete and the system is operational on a Project-wide basis. The Record Center and Microfilm and Archival Storage Service Facility data bases are also installed and operational. These actions complete Milestone M757(B).

The completion of 51 surveillances in the fiscal year 1986 for the NNWSI Project satisfies Milestone M756.

The five audits conducted in fiscal year 1986 satisfy Milestone M755.

### III. Upcoming Events

#### A. Coordination Group Meetings

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
1. None to report.			

#### B. HQ Meetings

None to report.

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

1. Thursday, November 13	ESTP Committee Meeting	Las Vegas	M. Blanchard, WMPO
2. Thursday-Friday, November 13-14	ESF QALA meeting	Las Vegas	J. Blaylock WMPO
3. Tuesday, November 18	DOE/NV Managers' Meeting	Las Vegas	B. West, WMPO
4. Tuesday, November 25	SOC Meeting	Las Vegas	U. Clanton, WMPO
5. Tuesday, December 2	SOC meeting	Las Vegas	U. Clanton, WMPO
6. Wednesday-Thursday, December 3-4	PM-TPO meeting	Las Vegas	J. Fiore, SAIC

#### D. State and Public Interaction

1. Monday-Thursday, November 10-13	Geological Society of America	San Antonio, TX	U. Clanton, WMPO
2. Wednesday, November 12	EEI Visit	Las Vegas	B. West, WMPO

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
3. Friday, November 14	Nevada Nuclear Waste Committee Meeting	Las Vegas (?)	B. West, WMPO
E. <u>NRC Interaction</u>			
1. Tuesday-Wednesday, November 18-19	DOE/NRC Waste Package Meeting (tentative)	Las Vegas	J. Szymanski, WMPO

WMPO:WRD-338

*Maxwell Blanchard*  
for Donald L. Vieth, Director  
Waste Management Project Office

cc:

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