



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

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TO: Mr. Robert E. Browning, Director
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative
DATE: September 28, 1987
SUBJECT: DOE Weekly Reports

Please find enclosed the above-referenced reports received in this office, i.e., for weeks ending September 11, and September 18, 1987.

nan for PTP

Enclosure

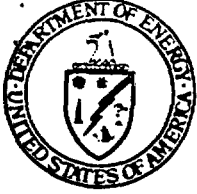
cc: J. J. Linehan
K. Stablein
S. Wastler

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WM Record File: 102
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Department of Energy

Nevada Operations Office

P. O. Box 98518

Las Vegas, NV 89193-8518

SEP 24 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 SEPTEMBER 18, 1987

I. Critical Items Status

A. Stop-Work Orders

Lawrence Livermore National Laboratory (LLNL)--Four current LLNL activities require scientific investigation planning (SIP) documents and their associated quality assurance level assignments (QALAs) to be approved by the Waste Management Project Office (WMPO). The four have been reviewed by WMPO and returned to LLNL with comments. The stop-work order has been lifted on all other current work activities that have an approved QALA.

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 USGS SIPs is as follows. Fifteen SIPs have now been approved by the WMPO. Twenty-one SIPs are currently in review at the WMPO, nine of which are for on-going activities. Only one SIP associated with on-going activities remains to be submitted for WMPO review.

B. Site Characterization Plan (SCP)

Work is continuing on revisions to the Schedule and Milestone sections of the SCP (Sections 8.3 and 8.5). It is anticipated that the U.S. Department of Energy/Headquarters (DOE/HQ) will require additional changes to these sections to include logic diagrams that correlate activities.

A revised version of Section 8.4 is still in production. DOE/HQ comments relative to this section have not yet been received but will be incorporated prior to final review.

Revisions to the concurrence draft of the SCP are underway. The schedule for incorporating changes is proceeding based on the DOE/HQ plan to release consultative drafts of SCPs for all three repository projects in early January 1988.

A reader's guide to the SCP is currently being prepared.

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Two study plans ("Percolation" and "Structural Features") were submitted to the Office of Geologic Repositories (OGR) for review. The "Excavation Investigations" study plan was submitted for final approval.

Technical personnel from the NNWSI Project have been directed to assist DOE/HQ and Weston in the review of the Salt Repository Project Office SCP. This review is expected to begin during the week of September 28, 1987.

C. Core Sample Management

None to report.

II. Significant Accomplishments/Information Items

Carl P. Gertz, Project Manager (WMPO), conducted a tour of the Nevada Test Site on September 16, 1987, for DOE Secretary John S. Herrington and Undersecretary Joseph F. Salgado.

Mitchell P. Kunich represented the NNWSI Project at a Town Hall meeting in Logandale, Nevada, on September 16, 1987.

The final report of the Spent Fuel Test-Climax has been printed and distributed. All reporting relative to this research and investigation project has now been completed except for the Geomechanics report, which is currently being printed.

Sandia National Laboratories (SNL) submitted a report of the NNWSI Project's interactions with the Performance Assessment Support Service program to WMPO for review, fulfilling requirements of Milestone M736. SNL also has satisfied Milestone R080 by submitting the letter report entitled "Summary Report of the Current Contents and Capabilities of the NNWSI Technical Data Base" to WMPO for review.

Los Alamos National Laboratory (LANL) has also fulfilled Milestone R543 by submitting the draft report "Progress on the COVE2 and COVE3 Benchmarking Activities" to WMPO for review.

Comments relative to the Government Accounting Office (GAO) annual audit of the NNWSI Project were received this week. Final response will be transmitted to the GAO next week.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
A. <u>Coordinating Group Meetings</u>			
Wednesday-Thursday, October 14-15	Transportation Coordinating Group	Denver, CO	E. Lundgaard, WMPO

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
B. <u>HQ Meetings</u>			
Monday-Tuesday, September 21-22	Comprehensive Socio-economic Plan	Denver, CO	E. Lundgaard, WMPO
Wednesday, September 30- Thursday, October 1	SCP/cost schedule detail meeting	Las Vegas, NV	S. Jones, SAIC
C. <u>Internal Project and DOE/NV Meetings</u>			
Thursday-Friday, September 24-25	Project Manager and Technical Project Officers meeting	Las Vegas, NV	J. Fiore, SAIC
Monday, September 28- Friday, October 2	QA audit of WMPO	Las Vegas, NV	J. Blaylock, WMPO
Tuesday, September 29- Thursday, October 1	Information Tech- nology Resources Long-Range Site Planning meeting	Washington, DC & Germantown, MD	B. Cerny, DOE/HQ
Tuesday, October 6	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
Tuesday-Thursday, October 6-8	IMS Planning meeting	Las Vegas, NV	D. August, DOE/HQ
D. <u>State and Public Interaction</u>			
None to report.			
E. <u>NRC Interaction</u>			
None to report.			
F. <u>Other</u>			
None to report.			



Carl P. Gertz, Project Manager
Waste Management Project Office



Department of Energy

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SEP 15 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 SEPTEMBER 11, 1987

I. Critical Items Status

A. Stop-Work Orders

Lawrence Livermore National Laboratory (LLNL)--Four current LLNL activities require scientific investigation planning (SIP) documents and their associated quality assurance level assignments (QALAs) to be approved by the Waste Management Project Office (WMPO). The four have been reviewed by WMPO and returned to LLNL with comments. The stop-work order has been lifted on all other current work activities that have an approved QALA.

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 USGS SIPs is as follows. Fifteen SIPs have now been approved by the WMPO. Twenty-one SIPs are currently in review at the WMPO, nine of which are for on-going activities. Only one SIP associated with on-going activities remains to be submitted for WMPO review.

B. Site Characterization Plan (SCP)

Work is continuing on revisions to the Schedule and Milestone sections of the SCP (8.3 and 8.5). These revisions are to make the sections consistent with the final Mission Plan Amendment. Work is still underway to correlate WBS levels and SCP milestones contained in Sections 8.3 and 8.5 at the sixth and seventh levels.

The concurrence draft of the revised version of Section 8.4 is currently in production. Additional revisions will be made upon receipt of DOE/HQ comments on the section.

A consistency review of Chapter 8 of the SCP is underway. The focus is to identify technical inconsistencies and errors and to review the text for clarity.

The U.S. Department of Energy/Headquarters (DOE/HQ) has requested that technical personnel from the NNWSI Project be available to assist DOE/HQ and Weston in the review of the Salt Repository Project Office SCP.

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Three study plans are being revised to submit to DOE/HQ; one of which is to be submitted next week.

C. Core Sample Management

None to report.

II. Significant Accomplishments/Information Items

Los Alamos National Laboratory (LANL) announced the submission of the document entitled "Predictive Modeling of In Situ Retardation of Reactive Tracers During C-Well Testing at Yucca Mountain, Nevada" to the WMPO for review. This report fulfills Level II Milestone R487. LANL also announced completion of Milestone T064 with submission to the WMPO of the document entitled "Technical Requirements for the Integrated Data System of the NNWSI Project Exploratory Shaft Facility."

Sandia National Laboratories (SNL) has submitted their FY 1988 Schedule of Internal and External QA Audits to the WMPO, thus satisfying Milestone R893.

A meeting of the Sample Overview Committee (the first since February 1987) was held on September 9. Representatives of the WMPO and various Project participants attended the meeting. Updated information relative to the new Sample Management Facility (SMF) was presented to the committee members. Topics of discussion included a draft Standard Operating Procedure for the SMF, core inventory priorities, and plans for transfer of sample materials to the SMF (from the USGS core library).

DOE/HQ has announced the results of a pre-Advanced Conceptual Design (ACD) studies planning meeting that was held at DOE/HQ on September 2-3 with representatives from the three repository projects and DOE/HQ. NNWSI Project plans for conducting waste package, repository, and joint waste package/repository studies prior to the start of ACD were presented. The plans were accepted subject to potential budgetary constraints.

A copy of the final draft of the LANL report entitled, "Geochemistry Simulation of Yucca Mountain: Modeling the Transport of Uranium and Technetium Through the Unsaturated Tuffs" was submitted to DOE/HQ. This report submission completes the DOE/HQ controlled NNWSI Project Milestone M325.

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A copy of the final draft of the LANL report entitled, "Preliminary Report on Sorption Modeling" was submitted to DOE/HQ. This report submission completes the DOE/HQ controlled NNWSI Project Milestone R309.

A copy of the final draft of the SNL report entitled, "Technical Basis for Performance Goals, Design Requirements, and Material Recommendations for the NNWSI Repository Sealing Program" was submitted to DOE/HQ. This report submission completes the DOE/HQ controlled NNWSI Project Milestone P404.

The NNWSI Project completed an impact analysis of a worst-case budget alternative for FY 1988 based on the program guidance supplied during the previous week at the Project Managers Meeting. This analysis has been forwarded to DOE/HQ for use in formulating the total Program Budget for FY 1988.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
A. <u>Coordinating Group Meetings</u>			
Tuesday-Thursday, September 15-17	Environmental Coordinating Group	Washington, DC	R. Kaiser, WMPO
Wednesday-Thursday, October 14-15	Transportation Coordinating Group	Denver, CO	E. Lundgaard WMPO
B. <u>HQ Meetings</u>			
Monday-Tuesday, September 21-22	Comprehensive Socio- economic Plan	Denver, CO	E. Lundgaard
C. <u>Internal Project and DOE/NV Meetings</u>			
Monday-Friday, September 14-18	QA audit at WMPO	Las Vegas, NV	J. Blaylock, WMPO
Tuesday, September 15	DOE/NV Manager's meeting	Las Vegas, NV	V. Davis WMPO
Friday, September 18	EQ 3/6 QA Information meeting	Livermore, CA	D. Livingston, WMPO
Wednesday-Thursday, September 23-24	Project Manager and Technical Project Officers meeting	Las Vegas, NV	J. Fiore, SAIC
Tuesday, September 29- Thursday, October 1	Information Tech- nology Resources Long-Range Site Planning meeting	Washington, DC & Germantown, MD	B. Cerny, HQ

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Tuesday, October 6	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
Tuesday-Thursday, October 6-8	IMS Planning meeting	Las Vegas, NV	D. August, HQ
D. <u>State and Public Interaction</u>			
Wednesday, September 16	Logandale Town Hall Meeting	Logandale, NV	M. Kunich E. Lundgaard WMPO
E. <u>NRC Interaction</u>			
None to report.			
F. <u>Other</u>			
None to report.			

WMPO:WRD-2720


Carl P. Gertz, Project Manager
Waste Management Project Office

WM Record File
102

WM Project 11
Docket No. _____

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