



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: November 2, 1987  
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report  
received in this office, i.e., for week ending  
October 30, 1987.

nan for PTP

Enclosure

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

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WM Project: WM-11  
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## Department of Energy

Nevada Operations Office

P. O. Box 98518

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OCT 30 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 OCTOBER 30, 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 and their current status is:

1. Spent Fuel Waste Form Testing, WBS 1.2.2.3.1.1, and Metal Barrier Selection and Testing, WBS 1.2.2.3.2, comments have been addressed and resolved. A letter of approval has been initiated and will be forwarded to LLNL upon signature.
2. Integrated Testing, WBS 1.2.2.3.4, and Waste Package Environment are under the WMPO review for resolution of responses by LLNL.

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. Twenty SIPs have now been approved by the WMPO, seven of which are for on-going activities. Twenty-three SIPs are currently in review at the WMPO, eight of which are for on-going activities. All SIPs associated with on-going activities have been submitted for WMPO review.

#### B. Site Characterization Plan (SCP)

Text containing the top-level waste package compliance strategy has been developed and incorporated into the draft SCP.

An Office of Geologic Repositories (OGR) NNWSI comment resolution meeting on SCP Study Plan 8.3.1.2.2.2, Water Movement Tracer Tests Using Chloride and Chlorine-36, was held in Washington, D.C., on October 30.

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The technical and editorial review of SCP Chapter 8 is ongoing. Text markups for Chapter 8 sections were submitted by individual reviewers to Science Applications International Corporation (SAIC). A consolidated mark-up was prepared and started into the initial phases of the production cycle. The consolidated mark-up will be submitted into the camera ready production process on or about November 2.

SCP reference verification is continuing. This verification process includes Code of Federal Regulations citations as well as literature citations. At this time, 7,995 citations have been identified in the SCP. Only 134 citations remain to be verified. Of these 134 citations, 119 citations are in Chapter 8. The remaining 15 citations are in Chapters 1-7 and generally represent citations of publications that are in press, precluding verification at this time.

Logic diagrams and supporting tables/text were completed for SCP Sections 8.3 and 8.5. A one day workshop with project representatives is planned for November 6 at SAIC, Las Vegas, to review the revised sections.

Development work on the SCP Reader's Guide was delayed by work on the disqualifying conditions and SCP revisions.

Work on obtaining copyright clearances is approximately 75 percent complete. Letters will be sent to the appropriate participants on new references and special case references that have recently been identified and require clearance.

### C. Core Sample Management

None to report.

## II. Significant Accomplishments/Information Items

All field activities related to prototype testing at the Nevada Test Site (NTS) remain suspended due to labor union disputes.

Sandia National Laboratories (SNL) submitted the document "Summary of G-tunnel Underground Facility Activities for FY87" to the WMPO for review. The document summarizes the work breakdown structure activities in the G-tunnel facility and satisfies Milestone T080.

Two reports, "The NNWSI Topical Tracking System: The Conceptual Basis for Analysis of Repository-Related Topics Reported in Nevada Newspapers" and "The NNWSI Project Topical Tracking System: Analysis of Repository-Related Topics Reported in Nevada Newspapers, January 1, 1986 through September 30, 1986," were submitted by SAIC to the WMPO for review. This satisfies Milestones R935 and 838R.

On Monday, October 26, Carl P. Gertz (WMPO, Project Manager) spoke before the Southwest Rotary Club of Las Vegas. Approximately 100 people attended and were receptive to the presentation.

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Wendy R. Dixon (WMPO) and Eric L. Lundgaard (WMPO) met with Joe Strolin (Nuclear Waste Project Office, State of Nevada) to discuss the feasibility of conducting a demographic survey on the number of NTS employees at each zip code to predict trends of employee settlement.

Representatives from WMPO and SAIC, met with DOE/HQ and Weston personnel to discuss water rights for site characterization. Some of the topics discussed were:

1. Sources of water.
2. Impacts of repository water use.
3. Impacts of water use on repository performance.

### III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<b>A. <u>Coordinating Group Meetings</u></b>			
Thursday, November 5	Socioeconomic Program meeting	Las Vegas, NV	E. Lundgaard, WMPO
Wednesday-Thursday, November 18-19	Internal DOE/OGR HQ/PO's meeting	Albuquerque, NM	E. Lundgaard, WMPO
Tuesday, December 1-3	Institutional Socio- economic Coordinating group	Las Vegas, NV	S. Volek, SAIC
<b>B. <u>HQ Meetings</u></b>			
Monday-Tuesday, November 16-17	FY 1988, Program Planning meeting	Washington, DC	W. Dixon, WMPO
<b>C. <u>Internal Project and DOE/NV Meetings</u></b>			
Wednesday, November 4	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
Wednesday, Thursday, Friday, November 4, 5, 6	DOE Contractors Micrographic and Information Manage- ment Conference	Boulder, CO	K. Hatch, WMPO
Thursday, November 5	LSS/IMS Administrative Tracking Task Group meeting	Washington, DC	K. Hatch, WMPO
Monday-Tuesday, November 9-10	Tour of WIPP facility in Carlsbad, NM for Lincoln and Clark County (NV) Officials	Carlsbad, NM	C. West DOE/NV

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Tuesday, November 17	DOE/NV Manager's meeting	Las Vegas, NV	V. Davis, WMPO
Tuesday, November 17	Design Integration group meeting	Livermore, CA	L. Skousen, WMPO
Wednesday, November 18	Project Manager and TPO meeting	Las Vegas, NV	J. Fiore SAIC

D. State and Public Interaction

None to report.

E. NRC Interaction

None to report.

F. Other

None to report.

WMPO:WRD-291



Carl P. Gertz, Project Manager  
Waste Management Project Office

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