



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: December 22, 1987  
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report received in this office, i.e., for week ending December 4, 1987, as well as week ending December 11, 1987.

nan for PTP

Enclosure

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

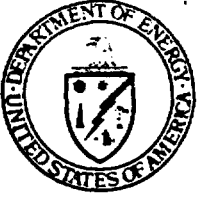
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WM-11 PDR



## Department of Energy

Nevada Operations Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518

DEC 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 DECEMBER 4, 1987

### I. Critical Items Status

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 Waste Management Project Office (WMPO) approval of the Scientific Investigations Plans (SIPs) and associated Quality Assurance Level Assignments (QALAs).

Five SIPs for on-going activities require approval to rescind the stop-work order. All comments for the five SIPs have been resolved. A letter approving the SIPs and rescinding the stop-work order has been initiated.

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

Changes to the Consultative Draft resulting from the Nevada Operations Office/Office of Geologic Repositories (NV/OGR) concurrence review were completed this week. The revised Consultative Draft was in final camera ready production by Friday, December 4, 1987.

#### B. Core Sample Management

None to report.

### II. Significant Accomplishments/Information Items

Field activities have resumed at the Nevada Test Site (NTS) since all labor union disputes have been resolved. Construction in Warehouse 2 is back on schedule, but prototype testing in the G-tunnel is still on hold. Decisions on initiating the prototype testing program will be made as the fiscal year (FY) 1988 budget and pending legislation are clarified.

Staff from Sandia National Laboratories (SNL), Bechtel National Inc. (BNI), and Science Applications International Corporation (SAIC)/Albuquerque met on November 24 to discuss overflight frequency at the NTS. It was agreed that SNL and BNI would develop a plan for additional structural analysis of the waste handling buildings by the end of December.

Stephen H. Kale

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Los Alamos National Laboratory (Los Alamos) submitted the reports "Actinide Behavior on Crushed Rock Columns" and "Mineralogy of Drill Hole UE-25p#1 at Yucca Mountain, Nevada" to the WMPO for review. These reports fulfill Milestones R516 and R567, respectively.

The NNWSI Project Systems Engineering Management Plan (SEMP) was submitted to the U.S. Department of Energy/Headquarters (DOE/HQ) on November 24, 1987 for review and approval. The submittal of the SEMP satisfies the MSA Milestone M108.

The Horizontal Waste Emplacement Equipment Development Plan (MSA Milestone N406) was submitted to DOE/HQ on November 25, 1987.

### III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<b>A. <u>Coordinating Group Meetings</u></b>			
None to report.			
<b>B. <u>HQ Meetings</u></b>			
Wednesday, December 16	Quarterly Project review	Las Vegas, NV	V. Davis, WMPO
<b>C. <u>Internal Project and DOE/NV Meetings</u></b>			
Tuesday, December 8	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
Monday-Tuesday, December 21-22	Project Manager and TPO meeting	Las Vegas, NV	J. Fiore, SAIC
Tuesday, December 15	DOE/NV Manager's meeting	Las Vegas, NV	V. Davis, WMPO
<b>D. <u>State and Public Interaction</u></b>			
None to report.			
<b>E. <u>NRC Interaction</u></b>			
None to report.			

DEC 03 1987

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
F. <u>Other</u>			
Friday, December 18	Las Vegas Chamber of Commerce Leadership Las Vegas, Program (Project Manager will speak)	Las Vegas, NV	V. Davis, WMPO




Carl P. Gertz, Project Manager  
Waste Management Project Office

WMPO:WRD-608

cc:

V. J. Cassella, HQ (RW-222) FORS  
A. B. Benson, HQ (RW-223) FORS  
R. J. Blaney, HQ (RW-222) FORS  
J. C. Bresee, HQ (RW-22) FORS  
C. R. Cooley, HQ (RW-40) FORS  
M. W. Frei, HQ (RW-231) FORS  
Ralph Stein, HQ (RW-23) FORS  
T. H. Isaacs, HQ (RW-20) FORS  
J. P. Knight, HQ (RW-24) FORS  
C. M. Smith, HQ (RW-42) FORS  
Carol Peabody, HQ (RW-223) FORS  
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S. A. Mann, RTTD, CH  
J. H. Anttonen, BWI, RL  
L. R. Hayes, USGS, Denver, CO  
P. T. Prestholt, NRC, Las Vegas, NV  
David Siefken, Weston, Washington, DC  
Donald Schweitzer, BNL, Upton, NY  
T. O. Hunter, SNL, 6310, Albuquerque, NM  
R. W. Lynch, SNL, 6300, Albuquerque, NM  
R. L. Bullock, F&S, Las Vegas, NV  
Vincent Gong, REECO, Mercury, NV  
D. T. Oakley, LANL, Los Alamos, NM  
L. D. Ramspott, LLNL, Livermore, CA  
M. E. Spaeth, SAIC, Las Vegas, NV  
W. V. Macnabb, SAIC, Las Vegas, NV  
R. G. Helms, SAIC, Las Vegas, NV  
D. A. Furbush, SAIC, Las Vegas, NV  
J. C. Calovini, H&N, Las Vegas, NV  
R. R. Loux, NWPO, Carson City, NV  
C. H. Johnson, NWPO, Carson City, NV  
M. P. Kunich, WMPO, NV





## Department of Energy

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DEC 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 DECEMBER 11, 1987

### I. Critical Items Status

#### A. Stop Work Orders

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 Waste Management Project Office (WMPO) approval of the Scientific Investigations Plans (SIPs) and associated Quality Assurance Level Assignments (QALAs).

The WMPO has reviewed and approved the remaining SIPs and QALAS for the following on-going activities:

3221G-01 Geophysical Investigations: Gravity and Magnetic Methods  
3225G-01 Remote Sensing  
3223G-03 Regional Studies of Seismicity  
3343G-02 Characterization of Percolation in the Unsaturated Zone  
3370G-02 Studies of Hydrogenic Deposits

Approval of these SIPs and QALAS completes the actions mandated by the stop-work order. The stop work order was rescinded by official correspondence from WMPO December 10, 1987.

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

Production of the Consultative Draft of the SCP is on schedule for the January 8, 1988, release date. Final camera-ready production of the SCP is continuing. Camera-ready copy will be delivered to the printer on December 21, 1987. Present plans are for printing 500 copies of the SCP.

The three complete sets of references cited in the SCP to be delivered to the State of Nevada, the U.S. Nuclear Regulatory Commission (NRC), and U.S. Department of Energy, Headquarters (DOE/HQ) concurrently with release of the SCP are being compiled. It is anticipated that less than twenty of the 1,904 SCP references will not be available by the January 8, 1988, SCP release date. These generally represent references that have been ordered but not received from the publisher.



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Carl P. Gertz, Project Manager, WMPO, and members of his staff represented the NNWSI Project at a dry run of a planned SCP Plenary Session in Washington, D.C., December 10. The Plenary Session is scheduled for January 28, 1988, in Denver between the DOE, the NRC, and affected states and Indian tribes. A project-specific session will be held January 29, 1988, to determine dates and topics for subsequent workshops.

C. Core Sample Management

None to report.

II. Significant Accomplishments/Information Items

Field activities have resumed at the Nevada Test Site since all labor union disputes have been resolved. Construction in Warehouse 2 is back on schedule, but prototype testing in the G-tunnel is still on hold. Decisions on initiating the prototype testing program will be made as the fiscal year 1988 budget and pending legislation are clarified.

The Exploratory Shaft Facility (ESF) Management Oversight Audit Team met in Las Vegas, Nevada on December 1. The team, composed of representatives from all project participants, is to determine if the documentation of the basis for the design and controls for conducting the design is sufficient to demonstrate readiness to proceed with the initiation of the ESF Title I design activities. Areas for review were identified, and assignments for collecting and reviewing specific documents were made.

A working group meeting on the development of seismic design parameters for the ESF was held on December 2. Representatives from the U.S. Geological Survey, Science Applications International Corporation, Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Fenix & Scission, and Holmes & Narver attended. At the meeting the scope, schedule, and output of the working group were discussed as well as what materials are needed to develop the seismic design basis parameters.

An update of the Institutional News Clipping Data Base was provided by WMPO to Robert R. Loux of the State of Nevada Nuclear Waste Project Office on December 7, 1987.

Revision 1 of the NNWSI Project Site Characterization Socioeconomic Monitoring and Mitigation Plan (MSA Milestone P030) was submitted to DOE/HQ on December 4, 1987.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
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A. Coordinating Group Meetings

None to report.

DEC 15 1987

B. HQ Meetings

Wednesday, December 16	Quarterly Project review	Las Vegas, NV	V. Davis, WMPO
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C. Internal Project and DOE/NV Meetings

Tuesday, December 15	Integrated Data System Implementa- tion Committee meeting	Las Vegas, NV	M. Blanchard, WMPO
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Tuesday, December 15	DOE/NV Manager's meeting	Las Vegas, NV	V. Davis, WMPO
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Tuesday, January 5	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
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D. State and Public Interaction

None to report.

E. NRC Interaction

None to report.

F. Other

Tuesday, December 15	Meeting of Grant Sawyer Commission (Project Manager and Acting Director of OCRWM/HQ will speak)	Las Vegas, NV	V. Davis, WMPO
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Tuesday-Wednesday, December 15-16	Materials Steering Committee meeting	Germantown, MD	L. Skousen, WMPO
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Friday, December 18	Las Vegas Chamber of Commerce Leadership Las Vegas, Program (Project Manager will speak)	Las Vegas, NV	V. Davis, WMPO
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Carl P. Gertz, Project Manager  
Waste Management Project Office

WM Record File  
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WM Project 11  
Docket No. \_\_\_\_\_

PDR   
\* LPDR  (N)

Distribution:  
REB Linehan \* Stablein  
\* Wastler  
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