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

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TO: John J. Linehan, Section Leader, HLOB, M/S 4-H-3  
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative  
DATE: April 27, 1988  
SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending April 22, 1988. There is nothing special to note.

PTP:nan  
Enclosures  
cc: King Stablein w/enc.

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PDR WASTE  
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NH03  
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## Department of Energy

Nevada Operations Office  
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APR 22 1988

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

### NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING APRIL 22, 1988

#### I. Critical Items Status

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

The Integration Group (IG) continued the Phase 1 roll-up process on the Site Activity Assessment Sheets submitted by Working Groups (WGs) 1-4 for site characterization activities.

The co-chairpersons for WGs 1-4 completed draft schedule/logic diagrams for those sections of the SCP Consultation Draft for which they are responsible. These diagrams are the basis for the Phase 2 Schedule analyses. The Phase 2 kick-off and briefing for WG 1-4 members was held in Las Vegas on Tuesday. The WGs then met individually to revise the schedule/logic diagrams and begin completing the Criteria for Cost/Schedule Analyses forms.

WGs 5 and 6 continued the Phase 1 Activity assessments for the Performance and Design Activities. These activities should be completed next week and Phase 2 work initiated.

Work continued this week on providing a complete set of SCP references to the U.S. Department of Energy/Headquarters (DOE/HQ).

Study Plan status remained unchanged this week. The present status is as follows:

Project Review	1
Participant Revisions	1
DOE/HQ & PO Review	1
DOE/HQ Review	3
Comment Resolution Check	1
DOE/HQ Approval Pending	4
Total	11

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**B. Core Sample Management**

Sample Management Facilities (SMF) staff continued to work with U.S. Geological Survey (USGS) Core Library staff to inventory core and records for transfer to the SMF. Ten UE25 boreholes have been completed. Consisting of a total of 17 boxes of cuttings, 137 core samples sealed in PVC pipe, 42 boxes of core, 13 waxed and 5 leach samples.

**II. Significant Accomplishments/Information Items**

Representatives from Sandia National Laboratories (SNL) and the Waste Management Project Office (WMPO) met with staff from the Hanford Engineering Development Laboratory (HEDL) on Monday to discuss the capabilities of HEDL in the repository design area.

SNL submitted a revised copy of the "SNL NNWSI Project Controlled Document System Procedures" to WMPO for approval, satisfying requirements of Milestone P989.

An informal meeting of the Project Seismic Design Cost/Benefit Analysis Working Group was held in Las Vegas on Friday.

A summary of the topics covered at the April 13 Exploratory Shaft Test Plan meeting was made available this week. The items covered were (1) the status of ongoing prototype tests being conducted in G-tunnel; (2) preliminary results of the Los Alamos National Laboratory (Los Alamos) dry-coring test that indicate advance rates of at least 18 ft/day and 97% core recovery; and (3) SNL activities that are presently ongoing or are planned in G-tunnel for the remainder of FY 1988, but are not part of the prototype testing program.

A meeting was held on Wednesday and Thursday with WMPO and the project participants to review and develop the material to be used in a presentation to DOE/HQ on the budget submittal for the FY 1990 Work Authorization System (WAS). The presentation is planned for April 26-27 in Las Vegas and will include representatives from all the project participants, as well as WMPO and DOE/HQ personnel.

Stephen Leedom escorted 45 members of the Nevada Nuclear Waste Study Group on a visit to the Nevada Test Site (NTS) on April 20.

One hundred-thirty copies of the second printing of the SCP have been distributed.

The Technical Data Advisory Group, with Don Livingston as chairman, met April 19. As a result of the meeting, draft procedures for the Reference Information Base and the System Engineering Property Data Base and the Technical Data and Information Management Plans are available and are being informally reviewed.

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Performance Assessment crosscuts are available from Science Applications International Corporation, Los Alamos, SNL and USGS.

Carl Gertz, Project Manager, WMPO, gave a presentation on the status of the NNWSI Project to a group from the Inspector General's office on April 18 and the Environmental Radioactivity Study Group from the University of Washington on April 19.

Mitchell Kunich, Acting Deputy Project Manager, WMPO, gave a tour of NTS on April 19 for the Inspector General.

### III. Upcoming Events

#### A. Coordinating Group Meetings

None to report.

#### B. HQ Meetings

None to report.

#### C. Internal Project and DOE/Nevada Operations Office (NV) Meetings

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Tuesday- Wednesday April 26-27	DOE/HQ budget briefing	Las Vegas, NV	W. Dixon, WMPO
Wednesday, May 4	Project Manager and Technical Project Officers meeting	Las Vegas, NV	J. Fiore, SAIC
Friday, May 13	Branch chief status meeting	Las Vegas, NV	C. Garvin, SAIC
Tuesday, May 17	DOE/NV Manager's meeting	Las Vegas, NV	V. Davis, WMPO

#### D. State and Public Interaction

None to report.

#### E. U.S. Nuclear Regulatory Commission Interaction

None to report.

#### F. Other

Thursday, April 28	Project Manager gives presentation to the Latin Chamber of Commerce	Las Vegas, NV	V. Davis, WMPO
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Tuesday, May 3	Project Manager speaks before American Society of Civil Engineers	Las Vegas, NV	V. Davis, WMPO
Friday, May 6	Project Manager gives presentation to the U.S. Environmental Protection Agency	Las Vegas, NV	V. Davis, WMPO
Saturday, May 14	Project Manager gives presentation to the North Las Vegas Chamber of Commerce (retreat)	Laughlin, NV	V. Davis, WMPO



Carl P. Gertz, Project Manager  
Waste Management Project Office

WMPO:SAC-1902