



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: May 17, 1988  
SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending May 6, 1988. There is nothing special to note other than my hand written comment on page three.

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

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## Department of Energy

Nevada Operations Office  
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MAY 09 1988

Stephen H. Kale, Acting Associate Director, Facilities Siting and Development,  
HQ (RW-20) FORS

NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS  
FOR THE WEEK ENDING MAY 6, 1988

### I. Critical Items Status

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

The Program Review Group (PRG) held a teleconference on Thursday. The topic of discussion was the depth of penetration of Exploratory Shaft-1 below the repository horizon (i.e., penetration of the Calico Hills).

The Integration Group (IG) began preparation of a briefing for Stephen Kale, U.S. Department of Energy/Headquarters (DOE/HQ), on the current status of the SCP completion process. This briefing will be held in Las Vegas, Nevada, on May 10. The IG also completed and distributed guidance for the working groups (WGs) on the cost/schedule summaries to be compiled for each SCP/Consultation Draft activity.

WGs 5 and 6 completed the schedule/logic diagrams and began completing the forms on Criteria for Cost/Schedule Analyses. WGs 1-6 began work on the cost/schedule summary forms.

There was no change in study plan status this week. The present status of study plans is as follows:

Quality Check	0
Project Review	1
Participant Revisions	1
Parallel PO & DOE/HQ Review	1
DOE/HQ Review	4
Comment Resolution Check	1
DOE/HQ Approval Pending	4
<b>Total</b>	<b>12</b>

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**B. Core Sample Management**

A walk-through inspection of Warehouses 1 and 2 in Area 25 of the Nevada Test Site occurred on April 29, 1988. Beneficial occupancy was granted for Warehouse 2 and occupancy for Warehouse 1 was delayed for approximately two weeks or until such time as the construction is accomplished.

Some 12 pallets of core were transported from the U.S. Geological Survey Core Library in Mercury, Nevada, to Warehouse 2. Since core inventory began on April 12, a total of 14 boreholes have been completed. The inventory of samples completed as of April 27 consists of 22 boxes of cuttings, 137 pieces of core sealed in PVC, 161 boxes of core and 16 waxed samples.

**II. Significant Accomplishments/Information Items**

Carl Gertz, Project Manager, met with the Clark County officials on Monday, May 2, to discuss their involvement in the Clark County grant and future interactions with the NNWSI Project.

A Records Coordinator's Meeting was held at WMPO on May 2, 1988, with all records coordinators from each participant in attendance. The purpose of the meeting was to review the evolution of the records management system for the project.

Carl gave a presentation on the status of the NNWSI Project to the American Society of Civil Engineering on May 3, and to the U.S. Environmental Protection Agency on May 6.

The Nuclear Regulatory Commission (NRC) will visit with members of the Waste Management Project Office staff on Thursday, May 5, to review audits.

The Technology Development & Engineering Branch continued daily to support the Site Characterization Plan effort with Working Groups 2, 5, and 6 and Integration Groups.

The plans are being finalized for the 50 percent Exploratory Shaft Facility Title I Design Review, which will begin May 9, 1988.

Fenix & Scisson, Inc., completed their relocation from Tulsa, Oklahoma, to Las Vegas this week.

On Tuesday the Interface Coordination Working Group met in Las Vegas, Nevada. A presentation was made on the reference information base (RIB) update status and development process.

A Project Manager's and Technical Project Officers meeting was held on Wednesday in Las Vegas, Nevada.

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*I will try to determine if our concerns are understood & what action on our concerns*

An Exploratory Shaft Test Plan meeting was held in Las Vegas on Wednesday and Thursday. Topics discussed included possible ramifications of the NNWSI Project Quality Assurance Program on Exploratory Shaft Facility (ESF) testing and the status of prototype testing in G-tunnel.

On Thursday and Friday an Exploratory Shaft Test Plan Committee meeting was held to discuss a proposed layout of the alcoves in the ESF.

Work was initiated on a briefing package for presentation to Stephen Kale on the seismic design cost/benefit analysis. The briefing is presently scheduled for presentation to Kale in Las Vegas, Nevada, on May 11.

Los Alamos National Laboratory submitted the report "Statistical Test of Reproducibility and Operator Variance in Thin-Section Modal Analysis of Textures and Phenocrysts in the Topopah Spring Member, Drill Hole USW VH-2, Crater Flat, Nye County, Nevada" to the WMPO for policy review. This fulfills milestone R603.

Holmes and Narver has completed their design work on the Integrated Data Acquisition System instrument shelters and has begun ordering equipment to build the first two prototype shelters pending approval to proceed from WMPO.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<b>A. <u>Coordinating Group Meetings</u></b>			
Thursday, May 12	Socioeconomic/ Impact Evaluation	Las Vegas, NV	E. Lundgaard, WMPO
<b>B. <u>HQ Meetings</u></b>			
None.			
<b>C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u></b>			
Tuesday, May 10	Briefing to Stephen Kale (DOE/HQ) on SCP completion process	Las Vegas, NV	J. Younker, SAIC
Tuesday- Wednesday, May 10-11	Validation Oversight Committee Validation meeting	Las Vegas, NV	M. Blanchard, WMPO
Wednesday, May 11	Seismic Design Cost/ Benefit Analysis briefing to Stephen Kale (DOE/HQ)	Las Vegas, NV	J. King, SAIC

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Friday, May 13	Branch Chief Status meeting	Las Vegas, NV	C. Garvin, SAIC
Tuesday, May 24	DOE/NV Manager's meeting	Las Vegas, NV	V. Davis, WMPO
Wednesday- Thursday, May 25-26	Project Manager and Technical Project Officers meeting	Las Vegas, NV	J. Fiore, SAIC

D. State and Public Interaction

None to report.

E. U.S. Nuclear Regulatory Commission Interaction

None to report.

F. Other

Wednesday, May 11	Project Manager testifies before the Nevada legislature's committee on high-level radioactive waste.	Las Vegas, NV	V. Davis, WMPO
Wednesday, May 11	Project Manager speaks at the Annual Technical Conference of the Institute of Shaft Drilling Technology	Las Vegas, NV	V. Davis, WMPO
Friday, May 13	Acting Deputy Project Manager gives tour of test site to personnel from Commissariat a L'Energie Atomique	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

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Wednesday, June 1	Project Manager gives presentation to the UNLV Breakfast Club	Las Vegas, NV	V. Davis, WMPO



Carl P. Gertz, Project Manager  
Waste Management Project Office

WMPO:SAC-2044