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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 8, 1988
SUBJECT: DOE WEEKLY REPORT

Please find enclosed the above-referenced report received in this office, i.e., for week ending April 1, 1988. There is nothing special to note.

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

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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 1, 1988

I. Critical Items Status

A. Site Characterization Plan (SCP)

The project-level Working Groups 1 through 4 assigned to the SCP completion process continued their phase I SCP Activity evaluations this week. An Integration Group (IG) telecon was held Tuesday, March 29, to review the progress of Working Groups 1-4, to finalize staffing and directions for Working Groups 5 and 6, and to initiate planning for the IG meeting in Denver, Colorado, April 7-8.

The second printing of the SCP Consultation Draft was completed this week. Five hundred additional copies were printed. Copies of the SCP Consultation Draft may be obtained by contacting Uel S. Clanton, Waste Management Project Office (WMPO) (702/295-8943, FTS 575-8943).

Two Study Plans were sent to the U.S. Department of Energy/ Headquarters (DOE/HQ) for review: (1) Study 8.3.1.5.2.1, Quaternary Regional Hydrology, and (2) Study 8.3.1.15.1.3, Laboratory Determination of Mechanical Properties of Intact Rock.

One Study Plan was sent to DOE/HQ for approval: Study 8.3.1.2.1.4, Water Movement Tests Using Chloride and Chlorine 36.

The project level review of Study Plan 8.3.1.15.1.1, Laboratory Thermal Properties, was initiated.

B. Core Sample Management

Warehouse 2 Sample Management Facility (SMF) is finished except for the roof. We are awaiting the removal of weapons core. At that time work will begin on storage rack assembly. SMF and DOE Regulatory and Site Evaluation Branch (R&SEB) personnel met with Larry Hayes on March 30, 1988, to resolve differences in procedures for the transfer of core from the U.S. Geological Survey library.



II. Significant Accomplishments/Information Items

The following items have been completed for the Exploratory Shaft (ES):

1. Initial member size selection and computer model sketches for the new ES-1 headframe.
2. An outline for test drilling analysis.
3. Revisions to sketches for Main Test Level Plan - General Arrangement, Section and Details, and Test Alcove Details.
4. A technical analysis on underground and headframe lighting systems.

The Yucca Mountain Information Office in Beatty, NV, opened on Sunday, March 27. The opening was well attended by representatives from the project participants including Carl Gertz, Project Manager. A reporter from a local newspaper and two protestors were also present.

Two reports, "Transport by Microorganisms: Chelation," and "Petrography and Phenocryst Chemistry of Volcanic Units at Yucca Mountain, Nevada: A Comparison of Outcrop and Drill Hole Samples," were sent by Los Alamos National Laboratory (LANL) to the Waste Management Project Office for policy review. These documents fulfilled Milestones T187 and R597. Another report, "Laboratory Determination of the Mechanical Properties of Intact Rock," was submitted by Sandia National Laboratories (SNL) to WMPO for review satisfying Milestone P567.

The NNWSI Project held the Project Manager and Technical Project Officers meeting on Thursday and Friday, March 31 and April 1. Ed Kay, Acting Director, Office of Civilian Radioactive Waste Management, presented his thoughts on the project status to date.

Representatives from the NNWSI Project participants and WMPO participated in a review of the budget submittal for the Fiscal Year 1990 Work Authorization System on Wednesday and Thursday, March 30-31, in Las Vegas.

The 84th Annual Meeting of the Cordilleran Section, Geological Society of America (GSA) was held at the Las Vegas Hilton on March 29-31, 1988. The R&SEB staff made a 1/2 day presentation on March 30 at the morning session. Attendance for that session was approximately 200 persons and was attended by geotechnical U.S. Nuclear Regulatory Commission (NRC) staff, State and University of Nevada people as well as local consultants.

Approximately 12 interested State of Nevada and local geoscience organizations have been invited to the Conceptual Model Workshop which will be held April 11-15 at the Aladdin Hotel, Las Vegas.

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Bob Levich and Max Blanchard were interviewed by three different Las Vegas radio stations regarding the GSA meeting at the Las Vegas Hilton.

A 2-booth exhibit was displayed by WMPO at the GSA symposium. Brief explanations of technical work being conducted at the Nevada Test Site (NTS) by participants was shown and the exhibit was very well received.

III. Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
A. <u>Coordinating Group Meetings</u>			
Wednesday, April 6	Design Interface Group Meeting	Las Vegas, NV	T. Zvada, WMPO
B. <u>HQ Meetings</u>			
None to report.			
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Tuesday, April 5	Sample Overview Committee Meeting	Las Vegas, NV	U. Clanton, WMPO
Thursday-Friday, April 7-8	Integration Group meeting	Denver, CO	J. Younker, SAIC
Tuesday, April 12	Interface Control Working Group Meeting	Las Vegas, NV	D. Irby, WMPO
Tuesday, April 19	DOE/NV Manager's Meeting	Las Vegas, NV	V. Davis, WMPO
Wednesday, April 20	Project Manager and Technical Project Officers Meeting	Las Vegas, NV	J. Fiore, SAIC
D. <u>State and Public Interaction</u>			
Monday, April 11	Section 175 Report Briefing	Reno, NV	E. Lundgaard, WMPO
E. <u>U.S. Nuclear Regulatory Commission Interaction</u>			
None to report.			

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F. Other

Monday, April 4	Project Manager briefs reporter from Scientific American	Las Vegas, NV	V. Davis, WMPO
Tuesday, April 5	Project Manager gives presentation to National Contract Management Association	Las Vegas, NV	V. Davis, WMPO
Wednesday, April 6	Project Manager gives presentation to Nye County Commissioners	Tonopah, NV	V. Davis, WMPO
Wednesday, April 6	Project Manager speaks at a Tonopah town meeting	Tonopah, NV	V. Davis, WMPO
Tuesday, April 12	Project Manager speaks before Henderson Rotary Club	Henderson, NV	V. Davis, WMPO
Thursday, April 14	Project Manager speaks before Society of Mechanical Engineers Meeting	Las Vegas, NV	V. Davis, WMPO
Thursday, April 14	Project Manager speaks before Science Now participants	Las Vegas, NV	V. Davis, WMPO
Monday, April 18	Project Manager will participate in panel debate being approved by KUNV Radio Station and the Nevada Nuclear Waste Task Force	Las Vegas, NV	V. Davis, WMPO
Tuesday, April 19	Project Manager speaks before the Environmental Radio- activity Study Group of the University of Washington	Seattle, WA	V. Davis, WMPO

Stephen H. Kale

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F. Other (cont.)

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
Thursday, April 21	Project Manager and Acting Deputy Project Manager gives tour of NTS to Las Vegas City Council	Las Vegas, NV	V. Davis, WMPO



Carl P. Gertz, Project Manager
Waste Management Project Office

WMPO:SAC-1695