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TO: Mr. Robert E. Browning, Director

FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative

DATE: April 22, 1987

SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report received in this office, i.e., for week ending April 17, 1987.

nan for PTP

Enclosure

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

8706030125 870422
PDR WASTE
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WM Record File

WM Project 11

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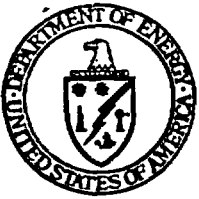
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Department of Energy

Nevada Operations Office
P. O. Box 14100
Las Vegas, NV 89114-4100

APR 30 1987

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

NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING APRIL 17, 1987

I. Critical Items Status

A. Stop-Work Orders

Lawrence Livermore National Laboratory (LLNL)--The status of the five remaining scientific investigation planning (SIP) documents and their associated Quality Assurance Level Assignments (QALAs) requiring Waste Management Project Office (WMPO) approval to rescind the stop-work provisions for these activities has not changed since the last Weekly Highlights Report, April 10, 1987.

SIPs approved by WMPO	5
SIPs in process	5

U.S. Geological Survey (USGS)--There are five conditions for lifting the stop-work order on technical and scientific activities. These conditions are as follows:

1. WMPO approval of the proposed USGS audit finding corrective actions,
2. Indoctrination and training of personnel,
3. WMPO approval of the USGS Quality Assurance Program Plan (QAPP) in response to the audit findings,
4. Quality Assurance (QA) resource plan, and
5. WMPO approval of SIPs and the associated QALAs.

The USGS has satisfied conditions 1-4. Hence, the stop-work order will be lifted incrementally with WMPO approval of the SIPs and QALAs.

SIPs approved by WMPO	3
SIPs submitted to WMPO for approval	0
SIPs in process for current investigation	35
SIPs in process for future investigation	10

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B. Site Characterization Plan (SCP)

Revisions are underway to Chapters 1-5 and 7 of the SCP and are scheduled to be completed this week. The Office of Geologic Repositories (OGR) comment resolution meeting for Chapter 6 has been postponed until mid-May.

A new numbering system for activities and tests that are part of the site programs (originally called characterization issues) is being developed; guidance will be issued within a week.

A status report assessing the progress made toward the May 1 freeze date for Section 8.3 was prepared. The chances of meeting the August 21 delivery date for the SCP are heavily dependent upon a timely and adequate review of these revised sections. The proposed approach to the project review of Section 8.3, tentatively scheduled for the end of May or first week in June, has been distributed for comment. Work is continuing on development of logic diagrams and parameter tables for Section 8.3.

Work is continuing on the following activities:

1. Preparation of Section 8.5, Schedules and Milestones.
2. Preparation of a Project review process for study plans.
3. Reference verification.
4. Generation of the SCP glossary.

C. Core Sample Management

Warehouse #2 Title I drawings were reviewed and appropriate design changes were made in preparation for an April 22 meeting with Nevada Test Site Support Office personnel and Reynolds Electrical and Engineering Company designers. This warehouse will house the majority of all storage, whereas Warehouse #1 will contain all offices and work areas.

An updated schedule was completed for the Sample Management Facility detailing all activities for FY 1987 and FY 1988 leading up to full-scale operations. This schedule will continue to be updated and eventually it will be baselined.

I-A. Project Manager's Concerns

A letter to Alexander dated April 10, 1987, requests clarification of an obviously erroneous date contained in a U.S. Department of Energy/Headquarters (DOE/HQ) letter regarding a Waste Package Performance Assessment meeting. The HQ letter indicated that the meeting was to be held on April 31, 1987. (87-1338).

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The following concerns have been reported previously on Weekly Highlights reports.

Issue	Status	First Report Date
1. Letter to Knight dated March 25 requests HQ help in obtaining available U.S. Nuclear Regulatory Commission (NRC) information regarding criteria, restrictions, and analyses relating to overflight of licensed facilities by aircraft. (86-958)	Due May 6, 1986. OGR action delayed due to higher priority issues (12/16/87 update).	03/27/86
2. January 22 letter to Stein transmits final version of letter report describing ongoing and planned site characterization activities. Requests approval to provide copies to state of Nevada at January 23 meeting. (87-749)	Due January 22, 1987	01/23/87
3. Letter to Smith dated March 10 requests the reference in the Procurement/ Contracting rules where a discussion of the Interface Agreements can be found. (87-1133)	Due March 26, 1987	04/03/87
4. Letter to Stein dated March 5 requests review and comment on revised background paper for meeting with the NRC. (87-1134)	Due March 11, 1987	04/03/87
5. Letter to Marks dated March 23 requests a list and short explanation of C&C items which have been brought up by the affected parties at workshops and meetings. (87-1209)	Due April 13, 1987	04/03/87

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Issue	Status	First Report Date
6. Letter to Kale dated March 26 requests review of the OGR WBS Revision (OGR/B-4). (87-1234)	Due April 1, 1987	04/03/87
7. Letter to Gale dated March 26 requests what action was taken in providing the disk containing Chapters 2-6 for the EA to the state of MS. (87-1236)	Due April 16, 1987	04/03/87

II. Significant Accomplishments/Information Items

Work has begun on the study plans needed for the Environmental Monitoring and Mitigation Plan.

Sandia National Laboratories (SNL) submitted the report entitled "Analysis of Horizontal Waste Emplacement Boreholes of a Repository in Tuff" (Milestone P277) to the WMPO for policy review.

Fenix and Scisson, Inc. (F&S) issued Revision 1 of the Exploratory Shaft Facility Development Study to the WMPO for approval. F&S also completed the final draft of Part II of the Structural Design Study. The latter is currently being reviewed in preparation for the design verification and interdisciplinary check.

Don Vieth spoke to the Bureau of Land Management, Las Vegas District Advisory Council in Pahrump, Nevada, on April 16.

Representatives from the Silver Springs NRC waste management organization visited Los Alamos National Laboratory (LANL) to review that participants' mineralogy/petrology SIP.

Two LANL reports were submitted to the WMPO for policy review: "Problematic Mineral Deposits in Faults Near Yucca Mountain, Nevada, Compared with Possible Analogs" (Milestone R319) and "FEHMS: A Finite Element Heat-Mass-Stress Code for Coupled Geological Processes" (Milestone R346).

A meeting was held on April 14 and 15 in Las Vegas, to address concerns by the NRC regarding the Exploratory Shaft Facility (ESF). Don Vieth addressed the group, which included representatives of the state of Nevada, as well as the NRC and Project participants. This was the first of a series of such meetings that are planned to address concerns relative to the evolving ESF design. A primary goal of the first meeting was to reconcile outstanding action items.

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III. Upcoming EventsA. Coordinating Group Meetings

	<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
1.	Wednesday-Thursday, April 22-23	Quality Assurance Coordinating Group	Washington, DC	J. Blaylock, WMPO
2.	Tuesday-Wednesday, April 28-29	Transportation Coordi- nating Group	Salt Lake City, UT	E. Lundgaard, WMPO

B. HQ Meetings

1.	Monday-Friday, April 20-24	SCP Chapter 8.3.5.9 and 8.3.5.10 Workshop	Washington, DC	M. Valentine, WMPO
2.	Wednesday-Thursday, April 22-23	Fracture Flow Workshop	Washington, DC	M. Blanchard, WMPO
3.	Tuesday-Wednesday, April 28-29	Budget Issue Reso- lution meeting	Washington, DC	B. West, WMPO
4.	Tuesday-Thursday, May 5-7	Environment Coordi- nating Group and Executive Sessions	Seattle, WA	B. Jankus WMPO
5.	Tuesday-Wednesday, May 12-13	SCP Chapter 6 meeting	Washington, DC	U. Clanton, WMPO

C. Internal Project and NV Meetings

1.	Tuesday-Friday, April 21-24	Preclosure Risk Assessment Method- ology Working Group	Richland, WA	J. Robson, WMPO
2.	Tuesday, April 21	DOE/NV Manager's meeting	Las Vegas, NV	B. West, WMPO
3.	Wednesday-Thursday, April 22-23	PM-TPO meeting	Las Vegas, NV	J. Fiore, SAIC
4.	Monday-Friday, April 27-May 1	QASC audit of LLNL	Livermore, CA	J. Blaylock, WMPO
5.	Tuesday, May 5	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
6.	Tuesday, May 19	DOE/NV Manager's meeting	Las Vegas, NV	B. West, WMPO
7.	Wednesday-Thursday, May 20-21	PM-TPO meeting	Las Vegas, NV	J. Fiore, SAIC

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
8. Tuesday-Friday, May 26-29	QASC audit of SNL	Albuquerque, NM	J. Blaylock, WMPO
D. <u>State and Public Interaction</u>			
1. Monday, April 20	NTS tour for German directors of General Energy Ecology	NTS, NV	D. Vieth/ M. Kunich, WMPO
2. Thursday, May 7	NTS tour for Federal Land Managers	NTS, NV	D. Vieth/ M. Kunich, WMPO
3. Tuesday, May 12	Forum for Southern Nevada News Officials	Las Vegas, NV	D. Vieth, WMPO
4. Tuesday, May 19	Austin Town Hall Meeting (tentative)	Austin, TX	M. Kunich, WMPO
5. Wednesday, May 20	Round Mountain Town Hall Meeting (tentative)	Round Moun- tain, NV	M. Kunich, WMPO
6. Wednesday-Thursday, May 27-28	First Repository, States, and Indian Tribes meeting	Las Vegas, NV	M. Kunich, WMPO
E. <u>NRC Interaction</u>			
None to Report.			
F. <u>Other</u>			
None to report.			

WMPO:WRD-1513

Maxwell Blanchard
Donald L. Vieth, Director
Waste Management Project Office