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WM Project 11

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TO: Mr. Robert E. Browning, Director

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

DATE: April 8, 1987

SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report
received in this office, i.e., for week ending
March 27, 1987.

nan for PTP

Enclosure

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

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Nevada Operations Office

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MAR 30 1987

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

NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS
FOR THE WEEK ENDING MARCH 27, 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, March 20, 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.

1. SIPs approved by WMPO	2
SIPs submitted to WMPO for approval	1
SIPs in process for current investigation	35
SIPs in process for future investigation	10

Science Applications International Corporation (SAIC)--Nineteen of the SAIC activities have approved SIP and QALA documents. Only one SIP and its associated QALA remain to be approved. Approval of the remaining document is anticipated by March 27, 1987, to rescind the stop-work order.

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B. Site Characterization Plan (SCP)

As part of the performance allocation workshops that took place at Sandia National Laboratories (SNL) the week of March 16, working groups attempted to clarify the linkages between the parameters called for in the performance and design issues and the parameters generated in the characterization issues. Because the parameters are at various levels of detail, linkages are difficult to clarify. It will be difficult to resolve the linkages for all issues and mature the text by the May 1 freeze-text date.

The performance allocation workshops were very productive. Models for tables to show linkages, developed during the workshops, will be used for all sections of 8.3 to reach an acceptable level of consistency.

The text for revised Section 1.7 (Mineral Resources) will be distributed for U.S. Department of Energy (DOE)/Headquarter's (HQ) review on March 23. Another meeting will be needed to complete the comment resolution for Sections 8.3.5.9 and 8.3.5.10 (waste package performance and engineered barrier system containment).

The text for Sections 8.3.5.9 and 8.3.5.10 is in production to incorporate Permanent Overview Committee (POC) comments before HQ comments and revisions are incorporated for the second HQ's review.

Reference verification is continuing. Words to be included in the SCP glossary have been identified and are now being defined.

Work is continuing on development of study plans that must be available when the SCP is issued.

Revisions to various portions of Section 8.3 are continuing.

Comment resolution meetings for Chapters 1-7 are planned at HQ from March 24 through April 2. Meetings for chapters 2, 3, and 4 are scheduled for the week of March 23.

HQ has adopted the August 21, 1987, schedule for release of the SCP to the U.S. Nuclear Regulatory Commission (NRC) and the States.

C. Core Sample Management

SAIC personnel examined WMPO and Technical and Management Support Services QA programs to determine their impacts on procedures for the Sample Management Facility.

D. Waste Package Strategy Document

A revised draft that was submitted to HQ and WMPO in January is being reviewed by HQ staff.

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I-A. Project Manager's Concerns

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

<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
1. Letter to Knight dated March 25 requests HQ help in obtaining available NRC information regarding criteria, restrictions, and analyses relating to overflight of licensed facilities by aircraft. (86-958)	Due May 6, 1986. Office of Geologic Repositories (OGR) action delayed due to higher priority issues (12/16/87 update).	03/27/86
2. Letter to Stein requests a briefing be given on November 4 to Nevada Operations Office management by Resource Technology, Inc., concerning their recommendations on drilling activities for the nuclear waste isolation program. (87-252)	Final report will be completed shortly; meeting with management may not be necessary. Meeting has been postponed indefinitely (2/10/87).	10/24/86
3. 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
4. December 22 letter to Alexander requesting clarification of the Study Plan Review (87-844).	Due January 5, 1987.	01/30/87

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<u>Issue</u>	<u>Status</u>	<u>First Report Date</u>
5. January 14 letter to Stein transmitting the NNWSI Project SCP to the OGR for review. (87-845)	Due February 27, 1987. Stein reply of 2/9/87 approves release of SCP Chapters 1-7 to NRC, USGS, State of Nevada, and affected Indian Tribes as information copies.	01/30/87

II. Significant Accomplishments/Information Items

On March 19, Fenix & Scisson, Inc. submitted Special Study No. 11, Part I, ESF Structural Design, to WMPO and Project participants for review and comment.

More than 600 modal analyses have been entered into a petrographic data base for volcanic rocks at the Nevada Test Site (NTS). These data have been compiled from Los Alamos National Laboratory and USGS sources, and will provide a means to compare the petrography of Yucca Mountain drill core with petrographic data from well-characterized surface samples throughout the NTS region.

LLNL is providing additional information on instrumentation used at the Spent Fuel Test-Climax to the Spanish Nuclear Energy Agency, at their request.

SAIC personnel completed a reply to the congressional inquiry on Yucca Mountain and transmitted it to the WMPO.

DOE/Nevada Operations Office (NV) and SAIC representatives participated in an informal discussion with Luther Carter, author of "Nuclear Imperatives and Public Trust."

The SAIC licensing staff sent proposals to WMPO regarding future interactions with the NRC.

III. Upcoming Events

A. 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, D.C.	J. Blaylock, WMPO

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
2. Tuesday-Wednesday, April 28-29	Transportation Coordinating Group	Salt Lake City, Utah	W. Dixon, WMPO
B. <u>HQ Meetings</u>			
1. Monday-Tuesday, March 30-31	Chapter 5 Review	Washington, D.C.	D. Alexander, WMPO
2. Tuesday-Wednesday, March 31-April 1	Chapter 6 Review	Washington, D.C.	M. Blanchard, WMPO
3. Wednesday-Thursday, April 1-2	Chapter 1 Review	Washington, D.C.	M. Blanchard, WMPO
4. Wednesday-Thursday, April 1-2	SCP Chapter 7 meeting	Washington, D.C.	D. Alexander, WMPO
5. Friday, April 10	Exploratory Shaft Facility Validation meeting	Washington, D.C.	D. Irby, WMPO
6. Wednesday-Thursday, April 22-23	Fracture Flow Workshop	Washington, D.C.	M. Blanchard, WMPO
7. Tuesday-Wednesday, April 28-29	Budget Issue Resolution meeting	Washington, D.C.	D. Shipley, WMPO
C. <u>Internal Project and NV Meetings</u>			
1. Monday-Friday, March 30-April 3	QA audit at Los Alamos	Los Alamos, NM	J. Blaylock, WMPO
2. Monday-Friday, March 30-April 1	SCP Performance Allocation Workshop	Albuquerque, NM	M. Blanchard, WMPO
3. Tuesday, April 7	Sample Overview Committee Meeting	Las Vegas	U. Clanton, WMPO
4. Monday-Thursday, April 13-16	QASC audit of Holmes & Narver	Las Vegas	J. Blaylock, WMPO
5. Monday, April 20	Preclosure Risk Assessment Methodology Working Group	Richland, WA	J. Robson, WMPO
6. Tuesday, April 21	DOE/NV Manager's Meeting	Las Vegas	B. West, WMPO

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
7. Wednesday-Thursday, April 22-23	PM-TPO Meeting	Las Vegas	J. Fiore, SAIC
8. Monday-Friday, April 27-May 1	QASC audit of LLNL	Livermore, CA	J. Blaylock, WMPO
D. <u>State and Public Interaction</u>			
1. Sunday-Thursday, March 29-April 2	American Nuclear Society Conference	Pasco, WA	L. Skousen, WMPO
2. Friday, April 3	Henderson Republican Men's Club	Henderson, NV	D. Vieth, WMPO
3. Monday-Friday, April 6-10	Government Accounting Office audit	Las Vegas	K. Hatch, WMPO
E. <u>NRC Interaction</u>			
1. Tuesday, April 14	NRC/NNWSI Project Exploratory Shaft Facility meeting	Las Vegas	D. Irby, WMPO
F. <u>Other</u>			
1. None to report.			

WMPO:WRD-1329


Donald L. Vieth, Director
Waste Management Project Office