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TO: Mr. Robert E. Browning, Director  
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative  
DATE: February 20, 1987  
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report  
received in this office, i.e., for week ending  
February 13, 1987.

nan for PTP

Enclosure

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

8705070194 870220  
PDR WASTE  
WM-11 PDR

WM Record File

102

WM Project 11

Docket No.

PDR

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## Department of Energy

Nevada Operations Office

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FEB 19 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 FEBRUARY 13, 1987

#### I. Critical Items Status

##### A. Stop Work Order

Lawrence Livermore National Laboratory (LLNL)--The single condition for lifting the stop work conditions on technical and scientific activities is the submittal and approval of scientific investigation planning (SIP) documents and the associated quality assurance level assignments (QALAS). The status is as follows:

SIPs approved by WMPO	5
SIPs in process	5

U.S. Geological Survey (USGS)--There were 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 QAPP in response to the audit findings,
4. QA resource plan, and
5. WMPO approval of SIPs and the associated QALAS.

The status of these five condition is as follows:

1. WMPO has accepted 20 of 22 proposed corrective actions; WMPO action is required on the remaining two (2) corrective actions,
2. USGS has been training personnel since November 1986 and should be substantially complete by March 1987,
3. WMPO approved the USGS QAPP during October 1986,
4. A QA resource plan was submitted to WMPO on February 10, 1987, and
5. USGS identified 38 SIPs needed to lift the stop work on current activities. Five (5) SIPs have been discussed between USGS and WMPO representatives, although none have been formally submitted for approval.

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B. Site Characterization Plan (SCP)

HQ has requested that workshops for SCP review and comment resolution be held in Washington from February 17 - 27. The workshops will require participation by more than 50 NNWSI Project staff members. The workshops will focus on revisions to Section 8.3 and will require a second HQ review of the consolidated document once the revisions are incorporated. The NNWSI Project is working with HQ to develop a revised schedule that incorporates the second review and eliminates parallel HQ concurrence review and camera-ready production activity.

Work continued during the week on the compilation of the SCP Glossary.

The status of Permanent Internal Review Committee (PIRC) 15 activities is as follows:

Team 1, Data requirements--A meeting was held on February 12 in Albuquerque to discuss team activities and the SCP revision process.

Team 3, Waste package compliance--The team completed reviews of Sections 8.3.4, 8.3.5.9, and 8.3.5.10.

Team 12, Future climate--Team members met in Washington on February 11 to discuss future climate modeling.

Team 21, Tectonics--The group met on February 9 to continue review and revision of tectonic-related sections.

Team 23, Mineral resources--A Permanent Overview Committee (POC) meeting was held on February 10-11 to review Sections 1.7 and 8.3.1.9.2.

Team 26, Reference verification--The team has requested copies of all Chapter 8 references that have not yet been transmitted to the Science Applications International Corporation (SAIC) offices in Las Vegas.

C. Core Sample Management

At the Sample Overview Committee meeting on February 3, SAIC personnel gave presentations on shaft construction and sampling, and on the proposed sample numbering systems.

D. Waste Package Strategy Document

LLNL personnel continue a quality assurance (QA) review of the document.

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I-A. Project Manager's Concerns

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 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. Letter to Jelacic dated August 21 requests information about applicability of "A Guide to Radiological Accident Considerations for Siting and Design of Department of Energy (DOE) Nuclear Facilities" to Nuclear Waste Policy Act Program. (86-2126)	Due September 11, 1986. In internal review; input to be sent to J. Knight, WMPO to receive draft by 1/23/87 (in progress as of 1/27/87).	10/31/86
3. 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
4. Letter dated November 10 to Newton requests clarification of three areas in minutes of July 23-24 QACG meeting: 1) phasing of NQA-1 1986 into Project QA plans; 2) interpretation of QA administrative procedures; and 3) references to State and tribes and NRC participating on DOE audits. (87-404)	Due December 8, 1986.	11/14/86

Issue	Status	First Report Date
5. Letter to Knight on December 2 comments on proposed interactions and technical meetings with NRC and need to complete SCP and requests HQ approval to conduct a DOE and NRC interaction on seismic/tectonics in February 1987. (87-529)	Due December 23, 1986.	12/12/86
6. Letter to Newton dated December 15 transmits NNWSI Project QA Plan for approval by the OGR and requests expeditious review. (87-596)	Due January 1, 1987.	01/02/87
7. 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
8. Letter to Kale on January 26 requests earliest possible advice as to action NNWSI Project should take in reviewing SCP reference documents to assure QA requirements. (87-821)	Due February 9, 1987.	02/06/87
9. 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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Issue	Status	First Report Date
10. January 14, letter to Stein transmitting the NNWSI Project's 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

#### Significant Accomplishments/Information Items

Effective February 2, 1987, R. L. Bullock is the NNWSI Project Manager and Technical Project Officer for Fenix & Scisson, Inc. (F&S). Dick replaces Sheldon Murphy.

The F&S Project Manager delivered the Subsurface Excavation Study and the Compressed Air Study to WMPO for review and comment. The studies are part of the ESF design effort.

Don Vieth attended the quarterly meeting with the States and Indian Tribes in Spokane, Washington.

The LLNL report entitled "Waste Package Assessment: Deterministic System Model Program Scope and Specification" was submitted to the WMPO to complete Milestone M276.

Los Alamos National Laboratory submitted a draft of the report "Methods for Obtaining Sorption Data from Uranium-Series Disequilibria" to the WMPO for policy review. This document meets Milestone R305.

### III. Upcoming Events

#### A. Coordinating Group Meetings

Date	Event	Location	Contact
1. Tuesday-Thursday, March 10-12	Institutional and Socioeconomic Coordination Group meeting	Albuquerque, NM	E. Lundgaard, WMPO

#### B. HQ Meetings

1. Tuesday-Friday, February 17-20	SCP Comment Response Meeting	Washington, DC	M. Blanchard,
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Stephen H. Kale

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
WMPO			
2. Wednesday-Friday, February 18-20	OGR Licensing Support System Task Group	Washington, DC	K. Hatch, WMPO
3. Monday-Friday, February 23-27	SCP Comment Response Workshops	Washington, DC	M. Blanchard, WMPO
C. <u>Internal Project and DOE/NV Meetings</u>			
1. Tuesday, February 17	DOE/NV Managers' Meeting	Las Vegas	B. West, WMPO
2. Tuesday-Thursday, February 17-19	Systems Engineering Integration Group Meeting	Livermore, CA	J. Robson, WMPO
3. Wednesday-Thursday, February 18-19	PM-TPO Meeting	Las Vegas	J. Fiore, SAIC
4. Tuesday, February 24	Quality Assurance Working Group (Waste Package) Meeting	Columbus, OH	J. Blaylock, WMPO
5. Tuesday, March 3	Sample Overview Committee Meeting	Las Vegas	U. Clanton, WMPO
D. <u>State and Public Interaction</u>			
None to report.			
E. <u>NRC Interaction</u>			
None to report.			
F. <u>Other</u>			
Monday-Thursday, March 2-5	Waste Management '87 Conference	Tucson, AZ	_____

WMPO:WRD-1007

  
Donald L. Vieth, Director  
Waste Management Project Office