

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JAN 12 12:46

Reply to:  
1050 East Flamingo Rd.  
Suite 319  
Las Vegas, Nevada 89119  
Tel: (702) 388-6125  
FTS: 598-6125

TO: Mr. Robert E. Browning, Director

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

DATE: January 6, 1987

SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report received in this office, i.e., for week ending January 2, 1987..

nan for PTP

Enclosure

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

8702130053 870106  
PDR WASTE PDR  
WM-11

WM Record File

102

WM Project 11

Docket No.

PDR ✓

LPDR ✓

Distribution:

REB

MTB

Coplan

Kennedy

JOB

RDM

Linchan

JTG

(Return to WM, 623-SS)

Still

SAC

1252



## Department of Energy

Nevada Operations Office

P. O. Box 14100

Las Vegas, NV 89114-4100

JAN 05 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 JANUARY 2, 1986

#### I. Critical Items Status

##### A. Stop Work Order

U.S. Geological Survey (USGS)--Work continued on the scientific investigation planning (SIP) documentation for modeling of fracture networks, hydrologic prototype testing, fractured-rock hydrology, the gaseous phase movement, and the exploratory shaft. The USGS Quality Assurance (QA) Manual was distributed on a controlled basis to 51 staff members.

Lawrence Livermore National Laboratory (LLNL)--Five remaining sets of SIP documentation for the waste package environment, waste form (spent fuel), metal barriers, other materials, and integrated testing have not yet been submitted to WMPO. Their preparation is affected by the higher priorities of the waste package strategy document and the Site Characterization Plan (SCP).

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

###### Accomplishments:

All Permanent Overview Committee (POC) reviews were completed as scheduled. All chapters and sections of the SCP that are scheduled for Headquarters (HQ) review have been submitted to production.

###### Status of ongoing activities

Sections 8.4 and 8.7 will not be included in the HQ review of the SCP.

Section 8.5, schedules and milestones, may be incomplete for the SCP HQ January draft.

Sections 8.3.5.6, 8.3.5.7, and the information needs under Sections 8.3.5.17 and 8.3.5.18 (all higher level findings) will not be included in the SCP HQ January draft.

JAN 05 1987

Stephen H. Kale

-2-

### Meetings

PIRC 15 will meet January 7-8, 1987, to discuss problems that remain with Section 8.3.

### C. Core Sample Management

Science Applications International Corporation (SAIC) personnel reviewed a sample identification scheme proposed by Sandia National Laboratories and forwarded comments to the Waste Management Project Office (WMPO). A presentation on sample identification is being prepared for the next Sample Overview Committee meeting. The first draft of the text for "Procedures for Preparation of Precoring Documentation" was completed at SAIC.

### D. Waste Package Strategy Document

LLNL submitted Sections 2 through 5 of the Waste Package Strategy Document to the WMPO. The WMPO submitted input to HQ on the mission plan update for the waste package.

### I-A. Project Manager's Concerns

A letter to Newton, dated December 15, transmits the NNWSI Project QA Plan (Revision 5) for approval by the Office of Geologic Repositories and requests expeditious review. (87-596).

In a letter to Frei, dated December 24, the NNWSI Project requests a delay and postponement for Milestone R241, the subsystems design requirements document for the exploratory shaft facility from December 1986 to February 16, 1987. (87-628)

The Nevada Operations Office has extended the FY 1986 Grant to the State for oversight of the Project that is evaluating Yucca Mountain. The evaluation of the FY 1987 Grant to the State has been complicated by their unexpected increase in the Grant request from \$5.6 million to \$10.2 million. The situation is contentious and is expected to result in media coverage and potential intercession by congressional representatives. A basic principle is in contention here and policy decisions of significance may be required.

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

JAN 05 1987

Stephen H. Kale

-3-

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. Draft NNWSI Project Charter sent to Cassella on June 26 to obtain necessary signatures from Headquarters personnel. (86-1573)	Due July 17, 1986. Charter to be discussed with Director (12/16/87 update).	07/03/86

Issue	Status	First Report Date
3. Letter to Knight dated August 6 requested comments by August 27 on proposed technical and Appendix 7 meetings with NRC and a proposed schedule. (86-2019)	Due August 27, 1986 OGR conducting policy review (12/16/86 update).	08/21/86
4. 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.	10/31/86
5. 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)	Due January 15, 1987. Briefing postponed to January 1987 (12/16/86 update).	10/24/86

JAN 05 1987

Issue	Status	First Report Date
6. Letter to Alexander requests level of effort support by Argonne National Laboratory in support of NNWSI Project SCP reference verification task as defined in an enclosed outline. (87-295)	Due November 6, 1986.	10/31/86
7. 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
8. Letter to Knight on December 2 comments on proposed interactions and technical meetings with Nuclear Regulatory Commission (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

## II. Significant Accomplishments/Information Items

The NNWSI Project Quality Assurance Plan (NVO-196-17, Revision 5) was submitted to WMPO by SAIC. This plan meets the R055 milestone.

SNL personnel completed the study on rod consolidation and submitted the report to WMPO and HQ for review.

The LLNL report entitled "Integration Testing of the SRL-165 Glass Waste Form" was submitted to WMPO for review. This report meets Milestone W223.

Chapters 6-9 of the Conceptual Design Report were completed and mailed to HQ, WMPO, and SAIC on December 15, 1986, for review.

JAN 05 1997

The SNL procedure for the "Records Management System" was forwarded to WMPO for review and approval. This procedure implements the NNWSI Project records management system for all new records and completes Milestone R087.

The Environmental Regulatory Compliance Plan was submitted by WMPO to HQ where it was received on December 22.

SAIC sent a revised "Discussion Paper Regarding Area Descriptions, Boundaries, and Dose Limits" to WMPO for review.

### III. Upcoming Events

#### A. Coordination Group Meetings

1. Tuesday-Wednesday, January 13-14	Geosciences Coordi- nation Group	Washington, D.C.	M. Blanchard, WMPO
<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
2. Tuesday-Thursday, January 20-22	Environmental Coordi- nation Group	Las Vegas	B. Jankus, WMPO
3. Thursday-Friday, January 29-30	Quality Assurance Coordination Group	Las Vegas	J. Blaylock, WMPO

#### B. HQ Meetings

1. Tuesday-Wednesday, January 6-7	QA Working Group meeting	Atlanta, GA	J. Blaylock, WMPO
2. Tuesday-Wednesday, January 6-7	Spent-fuel Working Group meeting	Washington, D.C.	L. Skousen, WMPO
3. Monday-Thursday, February 2-5	Transportation Basis Workshop	Las Vegas	R. Barner, WMPO

#### C. Internal Project and DOE/NV Meetings

1. Tuesday, January 13	Sample Overview Committee meeting	Las Vegas	U. Clanton, WMPO
2. Tuesday, January 13	DOE/NV Manager's meeting	Las Vegas	B. West, WMPO
3. Thursday-Friday, January 15-16	Exploratory Shaft Facility meeting	Tulsa, OK	D. Irby, WMPO
4. Tuesday-Thursday, January 13-15	Conceptual Design Report, Chapters 6-9, review meeting	Albuquerque, NM	T. Zvada, WMPO

JAN 05 1987

Stephen H. Kale

-6-

	<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
5.	Tuesday-Wednesday, January 20-21	PM-TPO Meeting	Las Vegas	J. Fiore, SAIC
6.	Tuesday-Thursday, January 20-22	Systems Engineering Integration Group meeting	Albuquerque, NM	J. Robson, WMPO
7.	Thursday, January 22	Facility Interface Capability Assessment meeting (tentative)	Albuquerque, NM	T. Zvada, WMPO
8.	Friday, January 23	State of Nevada SCP, EMP, SMP meeting	Carson City NV	E. Lundgaard WMPO

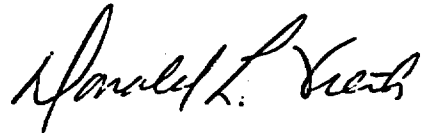
D. State and Public Interaction

1.	Tuesday-Wednesday, January 6-7	EEI visit to NV	Las Vegas	D. Vieth, WMPO
----	-----------------------------------	-----------------	-----------	-------------------

E. NRC Interaction

None to report.

WMPO:WRD-685



Donald L. Vieth, Director  
Waste Management Project Office