



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

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TO: Mr. Robert E. Browning, Director
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative
DATE: June 9, 1987
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report received in this office, i.e., for week ending May 29, 1987.

nan for PTP

Enclosure

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

WM Record File
102

WM Project 11
Docket No. _____
PDR
XLPDR

Distribution:

REB MJB * JSL Coolan
JOB JTG RDM Kennedy * Stablein
(Return to WM, 623-SS) Still * Wastler

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WM Project: WM-11
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Department of Energy

Nevada Operations Office

P. O. Box 14100

Las Vegas, NV 89114-4100

JUN 03 1987

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

NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS
FOR THE WEEK ENDING MAY 29, 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, May 22, 1987.

SIPs approved by WMPO	5
SIPs in process	5

A meeting will be scheduled for June to review two of the remaining SIPs.

U.S. Geological Survey (USGS)--The four generic conditions identified as conditions for rescinding the stop-work order on technical and scientific activities have been satisfied. Hence, the lifting of the stop-work conditions is now incremental with the WMPO approval of the SIPs and associated QALAs. The status of the SIPs and QALAs is as follows:

SIPs approved by WMPO	3
SIPs submitted to the WMPO for approval	1
SIPs in process for current investigations	34
SIPs in process for future investigations	10

A meeting has been scheduled for June 2 and 3 to review eight of the SIPs.

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B. Site Characterization Plan (SCP)

Revisions continue on the the higher level findings issues according to the Department of Energy (DOE)/Headquarters (HQ) guidance given on May 1, 1987. These sections will be available for review no later than June 29.

The latest list of study plans, totaling 106, is in review by project participants, along with a tentative schedule for submittal of study plans to the WMPO. The schedule focuses on exploratory shaft (ES) construction phase, ongoing, and high priority first-year studies. Review of study plans at HQ is to begin May 25.

Summaries of the site programs for Section 8.2 are currently being developed and will be submitted to HQ on June 8.

A proposed list of intermediate milestones has been developed for Sections 8.5.1. through 8.5.4 showing connections between the milestones in 8.3 and higher level milestones shown on the summary schedule for 8.5. The lists are currently being revised and networks developed. This section will be available for review by June 8.

The revised SCP text was submitted to HQ on May 26. Four project integration review teams have been formed to review the revised Section 8.3 text in parallel with HQ reviews and will develop markups for each section that will be used as the basis for the HQ comment resolution workshops currently scheduled for June 8 through 15. These teams are functioning in Las Vegas, at Science Applications International Corporation (SAIC), through June 5.

The SCP glossary is currently in typing. The glossary will be distributed to key project leads for an informal review. An acronym and abbreviation list has also been prepared for inclusion in the glossary and will go to typing this week.

Reference verification has been completed for Chapters 1 through 7. Workshops were held to resolve remaining problems. Chapter 8 references will be verified at Argonne National Laboratory beginning June 1. Changes to the text resulting from HQ reviews will be addressed later in June.

A complete listing of the contents of Section 8.3, including all studies, tests, and analyses, is being compiled from the revised text for use by the integrating review teams.

C. Core Sample Management

Work on the sample management facility (SMF) continues on schedule.

A report on the thickness of the Calico Hills unit was completed in draft form and is undergoing review.

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Construction on Warehouse 1 is still scheduled to begin around July 1, 1987. A meeting with Nevada Test Site Support Office and Reynolds Electrical & Engineering Company representatives is planned for June 5 to review the Title II design drawings.

Work continues on (1) the CSITS computer program and functional description, (2) writing of SMF procedures, and (3) the SIPs and QALAs relative to prototype testing.

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 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 20 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

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Issue	Status	First Report Date
4. Letter to Stein dated March 10 requests review and comment on revised background paper for meeting with the NRC. (87-1134)	Due March 11, 1987	04/03/87
6. Letter to Kale dated March 25 requests review of the Office of Geologic Repositories (OGR) work breakdown structure (WBS) revision (OGR/B-4). (87-1234)	Due April 1, 1987	04/03/87
7. Letter to Cassella dated April 16 requests assistance in obtaining final signature on NNWSI Project charter. (87-1386)	Due May 7, 1987	04/24/87
8. Letter to Kale dated April 30 requests expeditious final approval of NNWSI Project Quality Assurance Plan, NVO-196-17, Revision 5. (87-1477)	Due May 20, 1987	05/08/87
9. Letter to Stein dated May 18 requests a choice be made between two schedules of cost estimates for programs described in SCP Section 8.3. (87-1600)	Due June 2, 1987	05/22/87

II. Significant Accomplishments/Information Items

Mitchell P. Kunich, Wendy R. Dixon, and Robert D. Kaiser attended the first repository states and Indian tribes meeting in Las Vegas on May 27 and 28. Mitchell Kunich conducted a tour of the NTS for attendees of the meeting on May 29.

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Holmes & Narver, Inc. (H&N) has begun the task of gathering information on all aerial and surface photographs of Yucca Mountain and vicinity that have been taken in support of the NNWSI Project. This information will be used to compile a catalog of NNWSI Project-sponsored photograph sets, which have been requested by the state of Nevada, Nuclear Waste Project Office.

H&N has reported approval and acceptance (by the WMPO) of two exploratory shaft facility special studies: No. 4, Controlled Blasting, and No. 10, Use of DOE Equipment.

The first internal quality assurance audit of the year at the USGS has been completed. Documentation of the audit results is now being prepared.

Quality Assurance Support Contractor (QASC) personnel attended the Office of Civilian Radioactive Waste Management (OCRWM) Technical Code Coordinating Groups meetings as WMPO representatives. A one-day closed executive meeting and a one-day open meeting with the NRC was held. The open meeting was attended by five representatives of the NRC and two individuals representing various Indian tribes. The purpose of the open meeting was to establish a working understanding of DOE and NRC activities. Future meetings will include an NRC representative at the open sessions.

III. Upcoming Events

	<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
A.	<u>Coordinating Group Meetings</u>			
	None to report			
B.	<u>HQ Meetings</u>			
1.	Monday, June 1- Friday, June 5	SCP Review	Washington, DC	U. Clanton,
C.	<u>Internal Project and NV Meetings</u>			
1.	Tuesday, June 2	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, WMPO
2.	Tuesday, June 2	ESF/Repository Interface Coordinating Group meeting	Las Vegas, NV	D. Irby, WMPO
3.	Tuesday, June 16	DOE/NV manager's Meeting	Las Vegas, NV	B. West, WMPO

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| 4. | Tuesday-Wednesday
June 23-24 | OGR quarterly
review | Las Vegas,
NV | B. West,
WMPO |
| 5. | Wednesday-Thursday,
June 24-25 | PM-Technical Project
Officers meeting | Las Vegas,
NV | J. Fiore,
SAIC |

D. State and Public Interaction

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|----|----------------------------------|--|------------------|--------------------|
| 1. | Monday,
June 15 | NTS tour for
representatives
of the (Nevada)
State Multiple Use
Advisory Committee | NTS | M. Kunich,
WMPO |
| 2. | Wednesday,
June 17 | NTS tour for
representative of
the German
Physikalisch Tech-
nische Bundesantalt | NTS | M. Kunich,
WMPO |
| 3. | Wednesday-Thursday
June 17-18 | Goldfield Town Hall
meeting | Goldfield,
NV | R. Kaiser,
WMPO |

E. NRC Interaction

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|----|-------------------------------------|--|-------------------|--------------------------|
| 1. | Monday-Friday
June 8-12 | NRC Mini-Audit
at Los Alamos | Los Alamos,
NM | D. Oakley,
Los Alamos |
| 2. | Tuesday-Wednesday
June 30-July 1 | NRC meeting
with state
and tribal
representatives | Washington,
DC | J. Szymanski,
WMPO |

F. Other

None to report.

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

WMPO:WRD-1884