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

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TO: Mr. Robert E. Browning, Director
FROM: Paul T. Prestholt, Sr. DR - NNWSI
DATE: July 10, 1986
SUBJECT: DOE Weekly Report

Please find enclosed the above-referenced report received in this office, i.e., for week ending July 3, 1986.

nan for PTP

Enclosure

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

WM Record File 102
WM Project 11
Docket No. _____
PDR
LPDR

Distribution:
R&B MTB Hill
J&B DRM Coplan Kennedy
(Return to WM, 623-SS) JTE MRK
Justus AF

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PDR WASTE
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Department of Energy

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

JUL 07 1986

William J. Purcell, Director, Office of Geologic Repositories, DOE/HQ
(RW-20) FORS

NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING JULY 3, 1986.

I. Project Manager's Concerns

On June 26, the draft NNWSI Project Charter was sent to Cassella to obtain necessary signatures from headquarters personnel. The due date for return to the Waste Management Project Office (WMPO) is July 17. (86-1573)

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 Barrett dated December 24 requested which states are prepared to work in cooperative mode (informal agreement) with Transportation Department; also requested language that could be used in grant to the State in the area of transportation. (86-450)	Due January 13, 1986. Open. Philpott to call WMPO.	12/26/86
2. Request for Benson to define when site characterization phase actually begins. (86-517)	Due January 13, 1986. Awaiting memo from DOE/HQ confirming telecon with Benson.	01/15/86
3. Letter to Knight dated February 13 asks for guidance on how to address the difference between the NRC definition of the "engineered barrier" and the Program's baseline position. (86-714)	Due March 6, 1986.	02/20/86

4. Letter to Knight dated February 13 requests clarification of proposed time frame for NRC Audit of WMPO before initiating site characterization; is it tied to a specific NWPA event? (86-715) Due March 6, 1986. 02/20/86
5. 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. 03/27/86
6. Letter to Knight dated April 3 requests HQ guidance on HQ involvement in NRC/Project procedures for implementing Morgan-Davis agreement. (86-1032) Due April 15, 1986. 04/10/86
7. Letter to Gale dated April 3 requests formal guidance on psychological factors related to monitoring and mitigation planning. (86-1029) Due April 24, 1986. 04/10/86
8. Letter to Gale from Dixon dated April 18 requests clarification of guidance on OMB regulations governing collection of information by Federal agencies. (86-1107) Due May 9, 1986. 04/24/86
9. In a letter dated April 22 to D. Alexander, M. Blanchard requested that the Office of Geologic Repositories authorize the Project to deviate from baseline Document OGR/B-5. (86-1145) Due May 13, 1986. 05/01/86

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| 10. Letter to Don Alexander dated June 9 requests guidance for writing Chapter 8.6 (Quality Assurance (QA) of the Site Characterization Plan (SCP). (86-1396) | Due June 30, 1986. | 06/12/86 |
| 11. Letter to Jim Knight dated June 11 asks what role his office will play in preparations for the Jack Perry (NRC) visit to Nevada that is tentatively scheduled for July 31 - August 1. (86-1438) | Due July 1, 1986. | 06/19/86 |

II. Significant Accomplishments/Information Items

Activities that represent exceptions to the U.S. Geological Survey (USGS) stop work order were identified, justifications prepared, and the quality assurance (QA) procedure controls were reviewed. This list was sent to WMPO June 27, for approval. Final review comments for the Draft USGS QA Manual were resolved and appropriate corrections were made. It appears possible to get the final draft to the USGS management next week on schedule. The commitment is to have the USGS-approved text to WMPO for this review and approval by mid-July.

WMPO approval has been given for USGS report MF-1824 on the Rock Valley fault trench logs.

A Sandia report entitled, "Hydrologic Mechanisms Governing Partially Saturated Fluid Flow in Fractured Welded Units and Porous Non-welded Units at Yucca Mountain," was sent to WMPO for policy review. This report meets the requirements of Milestone N117.

A report entitled "Definitions of Reference Boundaries for the Underground Repository Facilities, Disturbed Zone, Geologic Repository Operations Area, Restricted Area, Controlled Area, and Accessible Environment," has been completed and forwarded to WMPO in response to Sandia Action Item 201. This report locates the boundaries of these regulatory areas in space and thus constrains groundwater travel time calculations, analyses of releases of radioisotopes, and land withdrawals.

The draft NNWSI Project Management Plan was sent to WMPO by Science Applications International Corporation (SAIC) on June 26 for review and to Project participants on July 2 for review and comment. All comments are due on July 30. This fulfills Level 2 Milestone R142.

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A draft of the Los Alamos report, "Transport Calculations for Technetium and Uranium in the Unsaturated Tuffs of Yucca Mountain, Nevada," was sent to WMPO for approval. This document fulfills Level 2 Milestone M325. In addition, the draft of the report entitled, "Preliminary Geochemical/ Geophysical model of Yucca Mountain," was sent to WMPO, fulfilling Level 2 Milestone R343. This is a companion to Milestone report M325.

A draft of the report, "Population Balance Model for Colloid Transport," by Nuttall and Associates, Inc. was submitted to WMPO for policy review by Los Alamos. This document fulfills Level 2 Milestone R318 and will be submitted for publication in Water Resource Research Journal.

Holmes & Narver, Inc. (H&N) submitted amendments to the H&N QA Manual to DOE/WMPO on April 25, 1986. Approval was received from WMPO on May 5, 1986. This complies with the requirements of Level 2 Milestone R208 which directs H&N to submit a QA Program Plan to WMPO.

A preliminary draft revision of the August 1983 Exploratory Shaft Project Management Plan was sent to the revision task group for review on June 16, fulfilling SAIC Level 2 Milestone R143. Comments are due by July 30. The document will then be revised for final review and approval.

The following QA Level 2 Milestones were completed: issuance of a procedure governing acceptance of data or data interpretation not developed in the NNWSI Project QA Plan (SOP-03-03) (M750); completion of a draft procedure that identifies scientific software (SOP-03-02) (M751); and issuance of SOP-03-02 for implementation (R190).

III. Upcoming Events

A. Coordination Group Meetings

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
1. None to report.			
B. <u>HQ Meetings</u>			
1. Wednesday-Friday, July 16-18.	SCP Chapter 6 Review	Washington, D.C.	M. Blanchard, WMPO
2. Monday-Friday, July 21-23	Environmental and Regulatory Compliance Training Session	Washington, D.C.	B. Jankus, WMPO
3. Tuesday-Thursday, August 5-7	Ben Rusche visit to Nevada (Tentative)	Las Vegas	B. West WMPO

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>C. Internal Project and DOE/NV Meeting</u>			
1. Tuesday, July 8	SOC Meeting	Las Vegas	U. Clanton, WMPO
2. Thursday-Friday, July 10-11	PM-TPO Meeting	Las Vegas	J. Fiore, SAIC
3. Monday-Friday, July 14-18	Los Alamos QA Audit	Los Alamos, New Mexico	J. Blaylock, WMPO
4. Tuesday, July 15	DOE/NV Manager's Meeting	Las Vegas	B. West, WMPO
5. Wednesday-Thursday, August 6-7	PM-TPO Meeting	Las Vegas	J. Fiore, SAIC
<u>D. State and Public Interaction</u>			
1. Tuesday-Wednesday, July 8-9	National Conference of State Legislatures	Denver, CO	W. Dixon, WMPO
2. Wednesday, July 9	Congressional Staffers Tour of NTS	Las Vegas	B. West, WMPO
3. Tuesday-Wednesday, July 15-16	State Grant Training	Washington D.C.	B. West, WMPO
4. Tuesday, July 22	Japanese Citizens Tour of NTS	Las Vegas	B. West, WMPO
5. Tuesday-Wednesday, July 29-30	Consultation and Cooperation Training	Denver, CO	B. West, WMPO
<u>E. NRC Interaction</u>			
1. Thursday, July 31	DOE/NRC Draft Waste Acceptance Criteria Meeting (Tentative)	Washington D.C.	J. Szymanski, WMPO
2. Thursday-Friday, July 31-August 1	ACRS/NRC visit to Nevada	Las Vegas	J. Szymanski, WMPO


Donald L. Vieth, Director
Waste Management Project Office

WMPO:WRD-1633