



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

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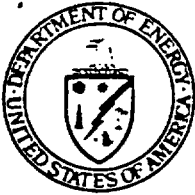
TO: John J. Linehan, Acting Chief, HLOB, M/S 4-H-3  
FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative  
DATE: September 14, 1988  
SUBJECT: DOE WEEKLY REPORT-(2)

Please find enclosed the above-referenced reports received in this office, i.e., for weeks ending September 2 and September 9, 1988. There is nothing special to note.

PTP:nan  
Enclosure  
cc: King Stablein w/enc.

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## Department of Energy

Nevada Operations Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518

SEP 2 1988

NN1.880902.0079

Stephen H. Kale, Acting Associate Director, Facilities Siting and Development,  
HQ (RW-20) FORS

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING SEPTEMBER 2, 1988

### I. Critical Items Status

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

The Integration Group and the Project Review Group met in Las Vegas to review and approve comment resolution forms developed from the Comment Resolution workshops with U.S. Department of Energy/Headquarters (DOE/HQ) reviewers.

Comment Resolution workshops with DOE/HQ reviewers continued in Las Vegas. The workshop for SCP Section 8.7 was held Tuesday and Wednesday. On Thursday, workshops were held for Sections 8.2, 8.3.1.1, 8.3.5.6, 8.3.5.7 and 8.3.5.18.

A workshop to compile a consolidated draft of Section 8.4 was held in Las Vegas, Monday through Friday.

The Technical Review Branch continued supporting position-paper development and participated in meetings with DOE/HQ on Tuesday and Wednesday. Planning for the development of the Safety Analysis Report and supporting documents was discussed at these meetings.

Production of the Statutory SCP continued this week as text mark-ups from previous workshops were put into the production cycle. Final clean-up of the Tables for Chapter 8 converted from IT\*OS to WPS+ continued this week.

The SCP production team met on Thursday, in Las Vegas, to continue coordination of SCP production activities.

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Thirteen draft Study Plans are currently in review. Project review of Study Plan 8.3.1.2.2.3, Characterization of the Yucca Mountain Unsaturated Zone Percolation, Surface-based Studies, was initiated this week. This Study Plan was also forwarded to DOE/HQ for their review. One Study Plan is undergoing revision by the participant. Six study plans have been submitted to DOE/HQ for review and three

Plans have been submitted to DOE/HQ for approval. Two Study Plans are in review at the U.S. Nuclear Regulatory Commission (NRC): (1) Excavation Investigations, Study 8.3.1.15.1.5; and, (2) Water Movement Tracer Tests Using Chloride and Chlorine-36 Measurements of Percolation at Yucca Mountain, Study 8.3.1.2.2.2.

A DOE/HQ comment resolution meeting on Study Plan 8.3.1.2.3.1, Activity 8.3.1.2.3.1.7, Testing of the C-hole sites with reactive tracers, was held on Thursday and Friday, in Las Vegas.

DOE/HQ reviews of the most recent Study Plans, as well as reviews of all future Study Plans, will be on hold until procedures for Study Plan review are finalized.

The present status of Study Plans is as follows:

Quality Check	0
Project Review	1
Participant Revisions	1
Parallel PO &	1
DOE/HQ Review	
DOE/HQ Review Pending	3
DOE/HQ Review	3
Comment Resolution Check	0
DOE/HQ Approval Pending	3
NRC Review	2

#### B. Core Sample Management

The inventory of samples in the U.S. Geological Survey (USGS) Core Library is continuing. The totals as of August 29 consist of 96 boreholes with 70 boxes of cuttings, 239 pieces of core sealed in PVC pipe, 2,554 boxes of core, 103 waxed samples of core, and 58 boxes miscellaneous samples.

### C. Quality Assurance (QA)

A new corrective action commitment date was requested of USGS so that approval of an extension for Standard Deficiency Reports (SDR)-069 can be granted. Also, Holmes & Narver (H&N) was advised that their request for and extension of the corrective action completion dates for SDRs 117 and 120 is approved.

QA staff developed a set of criteria to evaluate and establish priorities for Administrative Procedures and Quality Management Procedures in cooperation with the Science Applications International Corporation (SAIC) Technical Management & Support Services (T&MSS) Training Office. The criteria include QA program requirement implementation, interface responsibilities, procedural complexity, and scope of staff involved in implementing requirements for quality affecting activities.

Sandia National Laboratories (SNL) was advised that SDR-103 was satisfactorily verified and closed.

## II. Significant Accomplishments/Information Items

Prototype testing of shaft mapping at the Fran Ridge test pits is still on hold because of the requirement for an air quality permit. Continued delays in obtaining the permit may impact the start of site preparation for exploratory shaft construction.

A Management Overview Team meeting was held in Las Vegas on Tuesday to discuss the Long-Range Planning Exercise.

SNL completed Milestone R090 by submitting the report "Status Report and Current Contents: NNWSI Site & Engineering Properties Data Base (SEPDB)," to the Project Office for policy review. Milestone R743 has also been completed by the submittal of the report "Dynamic Transport of Colloidal Tracers Through Fractured Tuff: 0.10- to 9.55-um-Diameter Carboxylated Polystyrene Spheres," by Los Alamos National Laboratory to the Project Office for review.

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>			
None to report.			
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Tuesday, September 6	Exploratory Shaft Facility Interface Coordination Working Group meeting	Las Vegas, NV	L. Skousen, Project Office
Tuesday- Friday, September 6-9	Exploratory Shaft Facility Technical Assessment review	Henderson, NV	L. Skousen, Project Office
Wednesday, September 7	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, Project Office
Friday, September 9	Comment Resolution Meeting, SCP Section 8.6	Las Vegas, NV	U. Clanton, Project Office
Wednesday- Friday, September 14-16	Comment Resolution Meeting SCP Section 8.4	Las Vegas, NV	U. Clanton, Project Office
Tuesday, September 20	Comment Resolution Meeting, SCP Section 8.5	Las Vegas, NV	U. Clanton, Project Office
Tuesday, September 20	DOE/NV Managers meeting	Las Vegas, NV	V. Davis, Project Office
Thursday, September 29	Project Managers meeting	Las Vegas, NV	V. Davis, Project Office

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<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
<u>D. State and Public Interaction</u>			
Thursday, September 8	Project Manager meets with candidate for the House of Rep- resentatives, 2nd District, NV	Las Vegas, NV	V. Davis, Project Office
Thursday, September 8	Project Manager gives presentation to West Charleston Lions Club	Las Vegas, NV	V. Davis, Project Office
Friday September 9	Tour of Climax by Japanese citizen	NTS	R. Levich, Project Office
<u>E. U.S. Nuclear Regulatory Commission Interaction</u>			
Tuesday, September 20	Project Manager gives tour of test site to NRC Commis- sioner Carr	Las Vegas, NV	V. Davis, Project Office
<u>F. Other</u>			
None to report.			

YMP:SAC-3546

Carl P. Gertz, Project Manager  
Yucca Mountain Project Office



## Department of Energy

Nevada Operations Office

P. O. Box 98518

Las Vegas, NV 89193-8518

WBS #1.2.9

QA Level N/A

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NN1.880909.0031

Stephen H. Kale, Acting Associate Director, Facilities Siting and Development,  
HQ (RW-20) FORS

YUCCA MOUNTAIN PROJECT WEEKLY HIGHLIGHTS FOR THE WEEK ENDING SEPTEMBER 9, 1988

### I. Critical Items Status

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

The Section 8.4 Oversight Team met in Las Vegas on Wednesday, September 7, to review and revise Section 8.4 text. The group will continue this effort through Tuesday, September 13, 1988. Present plans call for distributing the first formal draft of Section 8.4 to U.S. Department of Energy/Headquarters (DOE/HQ) reviewers on September 14, 1988. The comment resolution workshop for Section 8.4 has been rescheduled to September 21-23, 1988, in Las Vegas.

Production of the Statutory SCP continued this week. Production is divided into Phases I, II and III. Phase I of the SCP production process includes document integration (i.e., incorporation of review comments resulting from outside reviews and the DOE/HQ comment resolution workshops into the SCP/Consultative Draft text mark-up), editing, word processing, proofreading, and graphics production of the first draft. Phase II includes final draft preparation and represents the second time through the production process for the majority of the document. Phase III consists of producing the camera-ready copy. Approximately 75 percent of the text in Phase I production has been completed. Phase II will begin next week. Phase III is scheduled to begin the week of September 19.

The SCP production team met Thursday, September 8, in Las Vegas to continue coordination of SCP production activities.

Fourteen draft Study Plans are currently in review. One Study Plan is in project review prior to submittal for DOE/HQ review. Four Study Plans are undergoing revision by the participant. Four Study Plans have been submitted to DOE/HQ for review and three Study Plans

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have been submitted to DOE/HQ for approval. Two Study Plans are in review at the U.S. Nuclear Regulatory Commission (NRC): (1) Excavation Investigations, Study 8.3.1.15.1.5; and, (2) Water Movement Tracer Tests Using Chloride and Chlorine-36 Measurements of Percolation at Yucca Mountain, Study 8.3.1.2.2.2.

DOE/HQ reviews of the most recent Study Plans, as well as reviews of all future Study Plans, will be on hold until procedures for Study Plan review are finalized.

The present status of Study Plans is as follows:

Quality Check	0
Project Review	0
Participant Revisions	4
Parallel PO & DOE/HQ Review	1
DOE/HQ Review Pending	4
DOE/HQ Review	0
Comment Resolution Check	0
DOE/HQ Approval Pending	3
NRC Review	2

B. Core Sample Management

The Sample Overview Committee (SOC) met on Wednesday, September 7. Topics discussed at the meeting included prototype drilling, Sample Management Facility progress, and qualification of existing core. The SOC members also conducted a dry run of a presentation scheduled for the September 21 Technical Project Officers meeting.

The inventory of samples in the U.S. Geological Survey Core Library continues. The totals as of September 2 consist of 96 boreholes with 70 boxes of cuttings, 239 pieces of core sealed in PVC pipe, 2,704 boxes of core, 103 waxed samples of core, and 58 boxes miscellaneous samples.

C. Quality Assurance (QA)

A surveillance was conducted at Fenix & Scisson to verify committed corrective actions to Standard Deficiency Reports (SDRs) generated during Project Office Audit 88-1. As a result, six SDRs will be closed.

Holmes & Narver have been advised that SDR-086 is closed based on satisfactory verification of corrective actions.

SDRs 180 and 181 were issued to the Yucca Mountain Project Office's Engineering and Development Division for violations of QMP-05-02, Preparation and Control of Branch Technical Procedures; and



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AP 1.5Q, Issuance and Maintenance of Controlled Documents (in the issuance of BTP-ESF/ICWG-1, Revision 1, Design Interface Control Procedure).

## II. Significant Accomplishments/Information Items

An Exploratory Shaft Facility (ESF) Interface Control Working Group meeting was held in Las Vegas on Tuesday, September 6. The ESF Technical Assessment Review continued throughout the week of September 5.

On Thursday, Carl Gertz, Project Manager, met with Jim Spoo, a candidate for the House of Representatives, second district, Nevada. Also on Thursday, Carl Gertz gave a presentation to the West Charleston Lions Club in Las Vegas.

## 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>			
None to report.			
C. <u>Internal Project and DOE/Nevada Operations Office (NV) Meetings</u>			
Tuesday, September 20	Comment Resolution Meeting, SCP Section 8.5	Las Vegas, NV	U. Clanton, Project Office
Tuesday, September 20	DOE/NV Managers meeting Office	Las Vegas, NV	V. Davis, Project
Wednesday- Thursday, September 21-22	Technical Project Officers Meeting	Las Vegas, NV	V. Davis, Project Office
Wednesday- Friday, September 21-23	Comment Resolution Meeting SCP Section 8.4	Las Vegas, NV	U. Clanton, Project Office
Thursday, September 29	Project Managers meeting	Las Vegas, NV	V. Davis, Project Office
Tuesday, October 11	Sample Overview Committee meeting	Las Vegas, NV	U. Clanton, Project Office

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D. State and Public Interaction

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Contact</u>
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None to report.


E. U.S. Nuclear Regulatory Commission Interaction

Tuesday, September 20	Project Manager gives tour of test site to NRC Commis- sioner Carr	Las Vegas, NV	V. Davis, Project Office
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F. Other

Friday, September 16	French Citizen to tour test site	Mercury, NV	R. Levich Project Office
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YMP:SAC-3598

  
Carl P. Gertz, Project Manager  
Yucca Mountain Project Office