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JH/7/31/90 INTERACTION SCH MTG

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JUL 31 1990

Mr. Ralph Stein, Associate Director  
for Systems Integration and Regulations  
Office of Civilian Radioactive Waste Management  
U. S. Department of Energy, RW 30  
Washington, D.C. 20545

Dear Mr. Stein:

SUBJECT: PROPOSED INTERACTIONS TO BE DISCUSSED AT THE JULY 31, 1990  
INTERACTION SCHEDULING MEETING

Provided is a list of interactions the U.S. Nuclear Regulatory Commission (NRC) staff is proposing to be discussed at the July 31, 1990 interactions scheduling meeting (Enclosure 1). Based on the agreement between the NRC staff and the U.S. Department of Energy (DOE) at the July 19, 1990 management meeting, the staff has proposed interactions that pertain to issues identified in the NRC's Site Characterization Analysis (SCA). As was also discussed at the July 19, 1990 meeting, it is important that the staff receive DOE's responses to the SCA comments so that future interactions can be better focused on those areas where SCA issues still remain.

A short description of the one interaction that has not been previously identified is provided in Enclosure 2. Descriptions for already identified interactions can be found in my March 12, 1990 letter. As was discussed with Ms. Linda Desell of your staff, it is the NRC's understanding that DOE will be prepared to agree to firm schedules for meetings over the next three months. Although the NRC staff has no objection to this, the staff has provided proposed interactions through January 1991 and a list of proposed topics for interactions for the rest of Fiscal Year 1991. This information is being provided as background for future considerations.

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If you have any questions, please feel free to contact the NRC staff member responsible for the meeting, Joe Holonich. Mr. Holonich can be reached at FTS 492-3403 or (301) 492-3403.

Sincerely,

**ORIGINAL SIGNED BY**

John J. Linehan, Director  
Repository Licensing and Quality  
Assurance Project Directorate  
Division of High-Level Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Enclosures: As Stated

- cc: R. Loux, State of Nevada
- C. Gertz, DOE/NV
- S. Bradhurst, Nye County, NV
- M. Baughman, Lincoln County, NV
- D. Bechtel, Clark County, NV
- D. Weigel, GAO
- D. Shelor, DOE

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OFC :HLPD	<i>[Signature]</i> :HLPD	:	:	:
NAME:JHolonich/v:JLinehan	:	:	:	:
Date:7/30/90	:07/30/90	:	:	:

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Enclosure 1

Proposed Interactions

<u>Date</u>	<u>Interaction</u>
August 15-16, 1990	Unsaturated/Staturated Zone Hydrochemical Testing
August 16, 1990	Monthly Management Meeting
September 11, 1990	Prioritization of Surface- Based Testing
September 20, 1990	Monthly Management Meeting
October 1990	Exploratory Shaft Facility Alternatives Study
October 1990	Integration of Performance Assessment into Site Characterization
October 18, 1990	Monthly Management Meeting
November 1990	Geochronological Methods
	Construction of a Complementary Cumulative Distribution Function
December 1990	None
January 1991	Data Management Update

Scenario Development and Screening

Proposed Topics for 1991 Interactions

Thermal Effects of Emplaced Waste  
on the Hydrologic System

Formal Use of Expert Judgement

Climatology

Radionuclide Retardation Testing  
and Modeling

Natural Resources Assessment

Groundwater Travel Time

Waste Form - Spent Nuclear Fuel

Waste Form - Glass

Trip to the Defense Waste Processing Facility  
(Cold Runs)

Enclosure 2

Description of New Interaction

DATA MANAGEMENT

The staff held on January 9, 1990, its initial technical exchange with the U.S. Department of Energy (DOE) on its management of the Yucca Mountain project technical/scientific data. The DOE reported on the beginning stages of organizing its data base and revised organizational structure that was to accomplish the data management. The staff needs to discuss the progress that has been made on implementing the proposed organization of the data bases and development of computer access to these data bases by all DOE participants and the staff. The staff needs an update of the inventory of data now in all DOE data bases and how much has been transferred to the Site Engineering Properties Data Base.