

NOV 18 1991

Mr. John P. Roberts, Acting Associate Director  
for Systems and Compliance  
Office of Civilian Radioactive Waste Management  
U.S. Department of Energy RW-30  
Washington, D.C. 20585

Dear Mr. Roberts:

SUBJECT: PROPOSED TOPICS FOR JANUARY THROUGH SEPTEMBER 1992 INTERACTIONS

Enclosed is a list of proposed topics for discussion at the November 20, 1991, interactions scheduling meeting. The staff of the U.S. Nuclear Regulatory Commission (NRC) is providing the U.S. Department of Energy (DOE) with this information for its use in preparing for this meeting. The format used to identify the proposed topics is consistent with that agreed upon at previous interactions scheduling meetings. This meeting is scheduled to begin at 1:00 p.m., and will be held in room 4-B-13 of NRC's White Flint North Building.

In providing this list (see Enclosure), the NRC staff has identified six proposed interactions that cover the period from January to September 1992. Definitive times and dates will be established for each of these interactions at the meeting.

During the June to November 1991 time-frame, three previously scheduled interactions, "Waste Form: Spent Nuclear Fuel," "Scenario Development and Screening," and "Waste Isolation Pilot Plant Round-Table Discussion" were postponed. These interactions have been included in this proposed schedule.

If you have any questions, please contact the responsible NRC Project Manager, Mr. Robert Carlson. Mr. Carlson can be reached at (301)/FTS 492-0435.

Sincerely,

*151*

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

Enclosure: As Stated

cc's & distribution: See next page

OFC :HLPD	:HLPD	:	:	:	:
NAME: <i>RC</i>	:JHolonich	:	:	:	:
Date: 11/18/91	: 11/16/91	:	:	:	:

*WM-11  
102.8  
PH16*

RC/INTER. SCHED. MTG 92

OFFICIAL RECORD COPY

9111210106 911118  
PDR WASTE PDR  
WM-11

- 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
- P. Niedzielski-Eichner, Nye County, NV
- C. Thistlethwaite, Inyo County, CA
- V. Poe, Mineral County, NV
- F. Sperry, White Pine County, NV

DISTRIBUTION

CNWRA  
LPDR  
BJYoungblood, HLWM  
On-Site Reps

NMSS R/F  
ACNW  
JLinehan, HLWM  
RCarlson, HLPD

HLPD R/F  
PDR  
RBallard, HLGE  
KKalman, HLPD

LSS  
Central File  
MFederline, HLHP

List of Proposed Interactions for January-June 1992

---

Topic Saturated Zone

Objective: To discuss planned characterization and modeling activities of the groundwater flow system and the saturated zone, tracer testing and assessments of C-hole complex.

Scope This technical exchange will focus on study plans and Site Characterization Plan activities related to characterization and modeling activities of the groundwater flow system and the saturated zone, tracer testing and assessments of C-hole complex.

Date: January 1992

---

Topic: Air and Vapor Movement due to Thermal Gradients

Objective: To discuss technical and regulatory issues related to evaluating gas transport and moisture redistribution due to repository induced thermal gradients at Yucca Mountain, Nevada.

Scope: This technical exchange will focus on discussion of modeling approaches concerning gas transport and moisture redistribution. This exchange would include discussion of the effects of different heat loads.

Date: February 1992

---

Topic: Scenario Development and Screening and Construction of a Complementary Cumulative Distribution Function (CCDF)

Objective: To discuss the technical and regulatory issues related to the methods planned for developing and screening scenarios and the construction of a cumulative complementary distribution function (CCDF).

Scope: This technical exchange will address: the current operational definition of scenarios; how scenarios are to be generated from elemental events and processes; what initial set of scenarios of elemental events should be considered; appropriate methods for screening scenarios; and how much should be implemented and documented. This technical exchange will also address the use of a definition of scenarios consistent with the logic used to

ENCLOSURE

construct a cumulative complementary distribution function, and the use of expected partial performance measures to guide site characterization.

Date: March 1992

---

Topic: Waste Form: Spent Nuclear Fuel

Objective: To discuss the technical and regulatory issues related to the expected performance of spent fuel in the Yucca Mountain environment.

Scope: Discussions should include the various types of spent fuel and cladding, and the effects of burnup and defects.

Date: April 1992

---

Topic: Waste Isolation Pilot Plant (WIPP) Round-Table Discussion

Objective: To provide the staff with an opportunity to observe dialogue between representatives of the Waste Isolation Pilot Plant (WIPP) performance assessment program and the Office of Civilian Radioactive Waste Management (OCRWM) performance assessment program.

Scope: Discussions will focus on a comparison of the performance assessment program at WIPP and the performance assessment program at OCRWM.

Date: May 1992

---

Topic: Total System Performance Assessment

Objective: To discuss the methods and the results of the DOE's Performance Assessment Computational Exercise and the NRC's Iterative Performance Assessment Phase 2.

Scope: This technical exchange will focus on the discussion of modeling activities, results of, and recommendations from the completed iteration of the DOE's Performance Assessment Computational Exercise. This exchange would also include a discussion of progress on the NRC's Iterative Performance Assessment Phase 2.

Date: September 1992

---