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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SEP 28 1994

MEMORANDUM TO:

Robert L. Johnson, Section Leader
High-Level Waste and Quality Assurance Section
High-Level Waste and Uranium Recovery Projects
Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

FROM:

Pauline P. Brooks
High-Level Waste and Quality Assurance Section
High-Level Waste and Uranium Recovery Projects
Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT:

FORTHCOMING TECHNICAL EXCHANGE WITH THE U.S. DEPARTMENT
OF ENERGY (DOE)

DATES & TIMES:

September 27, 1994 8:30 a.m. - 5:15 p.m.
September 28, 1994 8:30 a.m. - 3:30 p.m.

LOCATION:

September 27, 1994 September 28, 1994
Two White Flint North One White Flint North
11545 Rockville Pike 11555 Rockville Pike
Room T-7 A1 Room O-1 F7/9
Rockville, Maryland Rockville, Maryland

PURPOSE:

To discuss results of preliminary performance assessments
and major technical issues that must be addressed. The
focus will be on DOE's recent Total System Performance
Assessments.

PARTICIPANTS:

<u>NRC</u>	<u>DOE</u>	<u>STATE OF NEVADA</u>
N. Eisenberg	E. Smistad	R. Loux
R. Wescott	T. Bjerstedt	T. Hickey
T. McCartin	P. Bunton, et al.	C. Johnson
R. Codell		S. Frishman, et al.
R. Baca		
P. Brooks, et al.		

AFFECTED LOCAL GOVERNMENTS

M. Murphy, Nye County	M. Baughman, Lincoln County
D. Bechtel, Clark County	B. Mettam, Inyo County
V. Poe, Mineral County	F. Mariani, White Pine County
R. Williams, Lander County	L. Fiorenzi, Eureka County
C. Schank, Churchill County	J. Hoffman, Esmeralda County
L. Bradshaw, Nye County	P. Niedzielski-Eichner, Nye Cty.

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Meeting Notice

Meetings between NRC technical staff and the Department of Energy are open for interested members of the public, petitioners, intervenors, or any parties to attend as observers pursuant to the spirit of "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, dated 06/28/78, which details the open meeting policy for applicants and licensees.

Attachment: Meeting Agenda

cc w/ atts:

- T. Hickey, NEV
- C. Johnson, NEV
- S. Goldberg, OMB
- J. Meder, NEV
- W. Barnard, NWTRB
- J. Meder, NEV
- S. Frishman, NEV
- D. Weigel, GAO
- F. Parker, NAS
- A. Kadak, YAEC

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DATE	9/18/94		9/18/94		9/18/94			

**DOE-NRC TECHNICAL EXCHANGE AGENDA
TOTAL SYSTEM PERFORMANCE ASSESSMENT**

September 27, 1994

Rockville, Maryland

<i>TIME</i>	<i>TOPICS</i>	<i>PRESENTER</i>
8:30am	Opening Remarks	DOE/NRC
8:45	Introduction: TSPA 1993 SNL TSPA M&O TSPA	DOE
9:30	Future TSPA Related Activities: <ul style="list-style-type: none">● PA and PPA - Role of Performance Assessment in PPA and Especially in Early Site Suitability Evaluation● How Bounding PAs Will Differ from Previous PAs● Areas of Significant Uncertainty	DOE
10:45	BREAK	
	SNL TSPA	
11:00	Input Development: <ul style="list-style-type: none">● Properties● Stratigraphy● Inventory● Layout	DOE
11:30	LUNCH	
12:45pm	Detailed Modeling: <ul style="list-style-type: none">● Climate/Flux● Hydrothermal/Thermal● Saturated Zone	DOE
1:30	LLNL Source Term Model	DOE
2:15	BREAK	
2:30	Probabilistic Modeling: <ul style="list-style-type: none">● Releases Under Disturbed Conditions● Aqueous and Gaseous Releases● TSPA Results	DOE
4:15	NRC Comments on SNL TSPA	NRC
5:15	ADJOURN	

Note: Time will be allotted for discussion following each agenda topic.

**DOE-NRC TECHNICAL EXCHANGE DRAFT AGENDA
TOTAL SYSTEMS PERFORMANCE ASSESSMENT**

September 28, 1994

Rockville, Maryland

SCHEDULE	TOPICS	PRESENTER
M&O TSPA		
8:30am	Waste Package / Engineered Barrier System Analysis	DOE
9:15	Geosphere Analysis	DOE
9:30	NRC Comments on M&O TSPA	NRC
10:00	BREAK	
10:15	UCBNE and NEFTRAN Analysis	DOE
10:45	Comparision of Significant Results	DOE
11:30	LUNCH	
12:45pm	Discussion of PA Related Open SCA Items	NRC
1:15	NRC Perspectives on Major Technical Issues	NRC
2:15	General Discussion	
3:00	Closing Remarks	DOE/NRC State of NV, AUG
3:30	ADJOURN	

Note: Time will be allotted for discussion following each agenda topic.