

October 10, 2006

MEMORANDUM TO: Lawrence E. Kokajko, Director  
Division of High Level Waste Repository Safety  
Office of Nuclear Material Safety and Safeguards

FROM: James Rubenstone, Senior Project Manager **/RA/**  
Project Management Branch B  
Division of High Level Waste Repository Safety  
Office of Nuclear Material Safety and Safeguards

SUBJECT: FORTHCOMING U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
AND U.S. DEPARTMENT OF ENERGY (DOE) TECHNICAL EXCHANGE  
AND MANAGEMENT MEETING ON DOE'S TOTAL SYSTEM  
PERFORMANCE ASSESSMENT (TSPA)

DATE/TIME: October 24-25, 2006  
  
October 24: 8:00 A.M. - 5:00 P.M. (PT); 11:00 A.M. - 8:00 P.M. (ET)  
October 25: 8:00 A.M. - 4:30 P.M. (PT); 11:00 A.M. - 7:30 P.M. (ET)

LOCATION: Pacific Enterprise Plaza (Corner of Pepper Lane and Sage Brush)  
Building No. 1  
3250 Pepper Lane  
Las Vegas, Nevada 89120

INTERESTED PARTIES MAY PARTICIPATE IN THE MEETING VIA TELECON  
BY CALLING 1-800-638-8081, Passcode 7183# or 301-231-5539, Passcode 7183#  
and via Videoconferencing to

U.S. Nuclear Regulatory Commission TWFN - T 7A-1 11545 Rockville Pike Rockville, Maryland	Center for Nuclear Waste Regulatory Analyses Building 189, Conference Room A-237 6220 Culebra Road San Antonio, Texas
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PURPOSE: Discuss DOE's Performance Assessment

CONTACT: Shirley J. Rohrer 301-415-5411 sjr@nrc.gov

Category 1 Meeting: The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned.

PARTICIPANTS:	NRC	DOE	Nevada	NV Counties
	FAkstulewicz	MWilliams	SFrishman	DSwanson
	et al.	et al.	et al.	et al.

Note 1. Attendees at this meeting will be subject to security screening prior to entering the Conference facility. Attendees should plan to arrive approximately 45 minutes prior to the meeting.

Note 2. No food or drink other than water will be allowed in the Conference facility.

Note 3. Access to the parking lot in front of the Conference facility is restricted to participants to the meeting and not available to the general public. Ample street parking for the public is available nearby on Pepper Lane and Sage Brush.

Memorandum to L. Kokajko from J. Rubenstone dated: October 10, 2006

cc:

A. Kalt, Churchill County, NV	A. Elzeftawy, Las Vegas Paiute Tribe
R. Massey, Churchill/Lander County, NV	J. Treichel, Nuclear Waste Task Force
I. Navis, Clark County, NV	W. Briggs, Ross, Dixon & Bell
E. von Tiesenhausen, Clark County, NV	R. Murray, DOE/OCRWM
G. McCorkell, Esmeralda County, NV	G. Runkle, DOE/Washington, D.C.
R. Damele, Eureka County, NV	C. Einberg, DOE/Washington, D.C.
L. Marshall, Eureka County, NV	S. Gomberg, DOE/Washington, D.C.
A. Johnson, Eureka County, NV	W. J. Arthur, III , DOE/OCRWM
S. Schubert, Sen. Reid's Office	R. Dyer, DOE/OCRWM
M. Yarbro, Lander County, NV	J. Espinoza, GAO
J. Donnell, DOE/OCRWM	A. Gil, DOE/OCRWM
M. Baughman, Lincoln County, NV	W. Boyle, DOE/OCRWM
L. Mathias, Mineral County, NV	M. Ulshafer, DOE/OCRWM
J. Saldarini, BSC	S.A. Wade, DOE/OCRWM
M. Henderson, Cong. J. Gibbon's Office	C. Hanlon, DOE/OCRWM
D. Swanson, Nye County, NV	T. Gunter, DOE/OCRWM
M. Simon, White Pine County, NV	A. Benson, DOE/OCRWM
E. Sproat, DOE/OCRWM	N. Hunemuller, DOE/OCRWM
D. Cornwall, NV Congressional Delegation	P. Harrington, OPM&E
T. Story, NV Congressional Delegation	M. Mason, BSC
R. Herbert, NV Sen. Reid's Office	S. Cereghino, BSC
M. Murphy, Nye County, NV	B. Gattoni, Burns & Roe
R. Lambe, NV Congressional Delegation	E. Mueller, BSC
K. Kirkeby, NV Congressional Delegation	J. Gervers, Clark County, NV
R. Loux, State of NV	D. Beckman, BSC/B&A
S. Frishman, State of NV	L. Rasura-Alfano, Lincoln County, NV
S. Lynch, State of NV	J. Kennedy, Timbisha Shoshone Tribe
P. Guinan, Legislative Counsel Bureau	B. Durham, Timbisha Shoshone Tribe
R. Clark, EPA	R. Arnold, Pahrump Paiute Tribe
R. Anderson, NEI	J. Birchim, Yomba Shoshone Tribe

cc: (Continued)

R. McCullum, NEI

S. Kraft, NEI

J. Kessler, EPRI

D. Duncan, USGS

K. Skipper, USGS

W. Booth, Engineering Svcs, LTD

C. Marden, BNFL Inc.

J. Bacoeh, Big Pine Paiute Tribe of the Owens Valley

P. Thompson, Duckwater Shoshone Tribe

T. Kingham, GAO

D. Feehan, GAO

E. Hiruo, Platts Nuclear Publications

G. Hernandez, Las Vegas Paiute Tribe

K. Finfrock, NV Congressional Delegation

P. Johnson, Citizen Alert

M. Williams, DOE/OCRWM

J. Williams, DOE/Washington, DC

A. Robinson, Robinson-Seidler

M. Plaster, City of Las Vegas

S. Rayborn, Sen. Reid's Office

L. Lehman, T-REG, Inc.

B.J. Garrick, NWTRB

T. Feigenbaum, BSC

M. Urie, DOE

J. Brandt, Lander County

R. Holland, Inyo County

B. Sagar, CNWRA

V. Trebules, RW/DOE

R. Warther, DOE/OCRWM

B. Neuman, Carter Ledyard & Milburn L.L.P.

R. Holden, NCAI

C. Meyers, Moapa Paiute Indian Tribe

C. Dahlberg, Fort Independence Indian Tribe

D. Vega, Bishop Paiute Indian Tribe

Egan, Fitzpatrick, Malsch, PLLC

J. Leeds, Las Vegas Indian Center

J. C. Saulque, Benton Paiute Indian Tribe

C. Bradley, Kaibab Band of Southern Paiutes

R. Joseph, Lone Pine Paiute-Shoshone Tribe

L. Tom, Paiute Indian Tribes of Utah

E. Smith, Chemehuevi Indian Tribe

D. Buckner, Ely Shoshone Tribe

V. Guzman, Walker River Paiute

D. Eddy, Jr., Colorado River Indian Tribes

M. Boyd, Public Citizen

J. Wells, Western Shoshone National Council

D. Crawford, Inter-Tribal Council of NV

I. Zabarte, Western Shoshone National Council

S. Devlin

G. Hudlow

D. Irwin, Hunton & Williams

P. Golan, DOE

M. Rice, Lincoln County, NV

G. Hellstrom, DOE

S. Joya, Sen. Ensign's Office

M. Gaffney, Inyo County

L. Desell, RW/DOE

R. List, Esmeralda County

D. Curran, Harmon, Curran, Spielberg & Eisenberg, L.L.P.

Lisa Mascaro, Washington Correspondent  
Las Vegas Sun, Washington, DC

Tentative Agenda  
NRC/DOE Technical Exchange and Management Meeting on DOE's  
Total System Performance Assessment (TSPA)

October 24-25, 2006

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U.S. Nuclear Regulatory Commission  
TWFN  
11545 Rockville Pike  
Rockville, Maryland

Center for Nuclear Waste Regulatory Analyses  
Building 189, Conference Room A-237  
6220 Culebra Road  
San Antonio, Texas

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Tuesday, October 24

8:00 AM	Introductions	NRC/DOE
8:10 AM	Opening Remarks	NRC/DOE
8:30 AM	NRC Perspective on TSPA	NRC
9:30 AM	Introduction to TSPA	DOE
10:00 AM	Features, Events, and Processes (FEPs) and Scenario Analysis	DOE
10:30 AM	Break	ALL
10:45 AM	TSPA Model Development and Implementation	DOE
11:30 AM	Multiple Barriers--Identification of Barriers and Characterization of Barrier Performance	DOE
12:00 PM	Lunch	ALL
1:30 PM	Integrated Treatment of Uncertainty and Variability in Model Abstractions	DOE
2:00 PM	Design and Use of TSPA Analyses	DOE
2:30 PM	Impact of Transportation, Aging, and Disposal Canisters on TSPA	DOE

3:00 PM	Break	ALL
3:15 PM	Nominal-Seismic Scenario	DOE
3:45 PM	Igneous Scenarios	DOE
4:15 PM	Open Discussion	NRC/DOE
4:45 PM	Public Comments	ALL
5:00 PM	Adjourn	ALL

Wednesday, October 25

8:00 AM	Introductions	NRC/DOE
8:10 AM	Introduction to Model Abstractions	NRC/DOE
8:30 AM	Unsaturated Zone Flow	DOE
9:00 AM	Engineered Barrier System (EBS) Environment-- Thermal Hydrology and In-Drift Chemistry	DOE
9:45 AM	EBS--Waste Package and Drip Shield Degradation	DOE
10:15 AM	Break	ALL
10:30 AM	EBS--Source Term	DOE
11:00 AM	EBS--Radionuclide Transport	DOE
12:00 PM	Lunch	ALL
1:30 PM	Unsaturated Zone Transport	DOE
2:00 PM	Saturated Zone Flow and Transport	DOE
2:30 PM	Biosphere	DOE
3:00 PM	Public Comments	ALL
3:15 PM	Break/Caucus	ALL
4:00 PM	Closing Statements	NRC/DOE
4:30 PM	Adjourn	ALL

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OFFICE	HLWRS	HLWRS	OGC	PMBB
NAME	SRohrer	JRubenstone	NLO - DRoth	NKStablein
DATE	10/10/06	10/10/06	10/10/06	10/10/06