

February 18, 2004

MEMORANDUM TO: Janet R. Schlueter, Chief
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards

FROM: David M. Dancer, Project Manager */RA/*
Projects and Engineering Section
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards

SUBJECT: FORTHCOMING U.S. NUCLEAR REGULATORY COMMISSION (NRC)
AND U.S. DEPARTMENT OF ENERGY (DOE) TECHNICAL EXCHANGE
ON YUCCA MOUNTAIN SAFEGUARDS AND SECURITY

DATE/TIME: February 25, 2004
8:30 a.m. - 4:00 p.m. (ET)

LOCATION: Nuclear Regulatory Commission
Conference Room O-7B4
11555 Rockville Pike
Rockville, MD

INTERESTED PARTIES MAY PARTICIPATE IN THE MEETING BY CALLING
1-800-638-8081 Passcode 9364# or 301-231-5539 Passcode 9364#

PURPOSE: Technical Exchange on Yucca Mountain Safeguards and Security

AGENDA: Attached

PARTICIPANTS: NRC DOE
NStablein CEinberg
DDancer et. al.
et.al.

CONTACT: Shirley Rohrer 301-415-6711 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.

Certain portions of this meeting will be closed to the public because Safeguards or Sensitive Homeland Security Information will be discussed during the meeting.

Memorandum to J. Schlueter from D. Dancer dated: February 18, 2004

cc:

A. Kalt, Churchill County, NV	M. Corradini, NWTRB
R. Massey, Churchill/Lander County, NV	J. Treichel, Nuclear Waste Task Force
I. Navis, Clark County, NV	K. Tilges, Shundahai Network
E. von Tiesenhausen, Clark County, NV	M. Chu, DOE/Washington, D.C.
G. McCorkell, Esmeralda County, NV	G. Runkle, DOE/Washington, D.C.
L. Fiorenzi, Eureka County, NV	C. Einberg, DOE/Washington, D.C.
A. Johnson, Eureka County, NV	S. Gomberg, DOE/Washington, D.C.
A. Remus, Inyo County, CA	W. J. Arthur, III , DOE/ORD
M. Yarbro, Lander County, NV	R. Dyer, DOE/ORD
S. Hafen, Lincoln County, NV	J. Ziegler, DOE/ORD
M. Baughman, Lincoln County, NV	A. Gil, DOE/ORD
L. Mathias, Mineral County, NV	W. Boyle, DOE/ORD
L. Bradshaw, Nye County, NV	D. Brown, DOE/OCRWM
M. Maher, Nye County, NV	S. Mellington, DOE/ORD
D. Hammermeister, Nye County, NV	C. Hanlon, DOE/ORD
M. Simon, White Pine County, NV	T. Gunter, DOE/ORD
J. Ray, NV Congressional Delegation	A. Benson, DOE/ORD
B. J. Gerber, NV Congressional Delegation	N. Hunemuller, DOE/ORD
F. Roberson, NV Congressional Delegation	M. Mason, BSC
T. Story, NV Congressional Delegation	S. Cereghino, BSC
R. Herbert, NV Congressional Delegation	N. Williams, BSC
L. Hunsaker, NV Congressional Delegation	E. Mueller, BSC
S. Joya, NV Congressional Delegation	J. Mitchell, BSC
K. Kirkeby, NV Congressional Delegation	D. Beckman, BSC/B&A
R. Loux, State of NV	M. Voegele, BSC/SAID
S. Frishman, State of NV	B. Helmer, Timbisha Shoshone Tribe
S. Lynch, State of NV	R. Boland, Timbisha Shoshone Tribe
P. Guinan, Legislative Counsel Bureau	R. Arnold, Pahrump Paiute Tribe
J. Pegues, City of Las Vegas, NV	J. Birchim, Yomba Shoshone Tribe
M. Murphy, Nye County, NV	R. Holden, NCAE

cc: (Continued)

R. Clark, EPA

R. Anderson, NEI

R. McCullum, NEI

S. Kraft, NEI

J. Kessler, EPRI

D. Duncan, USGS

R. Craig, USGS

W. Booth, Engineering Svcs, LTD

L. Lehman, T-Reg, Inc.

S. Echols, Esq

C. Marden, BNFL, Inc.

J. Bacoach, 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. Finrock, NV Congressional Delegation

P. Johnson, Citizen Alert

A. Elzeftawy, Las Vegas Paiute Tribe

W. Briggs, Ross, Dixon & Bell

C. Meyers, Moapa Paiute Indian Tribe

R. Wilder, Fort Independence Indian Tribe

D. Vega, Bishop Paiute Indian Tribe

J. Egan, 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

H. Jackson, Public Citizen

J. Wells, Western Shoshone National Council

D. Crawford, Inter-Tribal Council of NV

I. Zabarte, Western Shoshone National Council

NRC On-Site Representatives

S. Devlin

G. Hudlow

Agenda

**NRC/DOE Technical Exchange on Yucca Mountain
Safeguards and Security
Feb. 25, 2004
8:30 a.m. - 4:00 p.m. (ET)**

**U. S. NRC
O-7B4
11555 Rockville Pike
Rockville, MD**

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1-800-638-8081- Passcode 9364# or 301-231-5539 - Passcode 9364 #*

	Topics	Discussion Lead	Time
I.	Opening Remarks and Introductions (Open to the Public)	N. King Stablein, NRC C. Einberg, DOE	8:30-9:00 a.m.
II.	Discussion of Physical Protection (PP) and Material Control and Accounting (MC&A) Requirements for the Proposed Yucca Mountain Facility (Open to the Public): - Discuss how PP requirements (e.g., 10 CFR 73.51) are applied to ISFSIs and what similarities/differences might be expected for the GROA - Discuss how MC&A procedures (e.g., 10 CFR 72.72, 72.74, 72.76, and 72.78) are applied to ISFSIs and what similarities/differences might be expected for the GROA - Discuss the application of the Yucca Mountain Review Plan (NUREG 1804, Rev 2) to PP and MC&A.	NRC	9:00-10:15 a.m.
BREAK			10:15-10:30 a.m.
III.	Discussion of PP Considerations for the Proposed Yucca Mountain Facility (Closed to the Public): - Discuss the material inventories proposed for disposition in the GROA. - Summarize the results of the classified Spent Nuclear Fuel Workshops sponsored by DOE. - Discuss how physical protection subsystems will be applied to meet the general performance requirements of 10 CFR 73.51 such that safeguards measures will be commensurate with risks.	DOE	10:30-12:00 a.m.
LUNCH			12:00-1:15 p.m.
IV.	Discussion of MC&A Considerations for the Proposed Yucca Mountain Facility (Closed to the Public) - Discuss MC&A approach to identify, account for, and control nuclear material using "Item accounting" method.	DOE	1:15 -2:45 p.m.

- Discuss MC&A approach to establish inventory of all item receipts (SNF/HLW) based on reliance and acceptance of shipper values.

- Discuss proposed use of DOE Corporate MC& A software for GROA accounting and reporting as the system for tracking the receipt, identification, location, and disposition of all items.

BREAK

2:45 p.m - 3:00 p.m.

V. **Discussion of Level of Detail for PP and MC&A in the License Application for the Proposed Yucca Mountain Facility (Closed to the Public)**

DOE

3:00 - 4:00 p.m.

- Discuss what information will be included on PP and MC&A in the License Application.

- Discuss the level of detail expected in the acceptance criteria/review criteria

VI **Adjourn**

4:00 p.m.

