

January 13, 2004

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

FROM: Timothy J. Kobetz, Project Manager **/RA:nks/**
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 PRE-LICENSING ACTIVITIES AND LEVEL OF
DESIGN DETAIL

DATE/TIME: February 3 and 4, 2004
8:30 a.m. - 5:00 p.m. (PT)
11:30 a.m. - 8:00 p.m. (ET)

LOCATION: Bechtel SAIC Company, LLC
Conference Room 915
9960 Covington Cross
Las Vegas, Nevada

and via videoconferencing to:

U.S. NRC
T-2B5
11545 Rockville Pike
Rockville, Maryland

Center for Nuclear Waste
Regulatory Analyses
Building 189
6220 Culebra Road
San Antonio, Texas

U.S. NRC Region IV
611 Ryan Plaza Drive
Arlington, Texas

INTERESTED PARTIES MAY PARTICIPATE IN THE MEETING VIA TELECON
BY CALLING 1-800-638-8081 Passcode 6860# or 301-231-5539 Passcode 6860#

PURPOSE: Technical Exchange on Yucca Mountain Pre-Licensing Activities and Level of
Design Detail

AGENDA: Attached

PARTICIPANTS: NRC DOE Nevada NV Counties
CWReamer TGunter SFrishman INavis
TKobetz et. al. et.al. 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.

Memorandum to J. Schlueter from T. Kobetz dated: January 13, 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. 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. 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

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OFFICE	HLWB	HLWB	HLWB		
NAME	DHiggs/SRohrer	TKobetz	KStablein		
DATE	1/ 12 /04*	1/ 12 /04*	1/ 13 /04*		

Agenda

**NRC/DOE Technical Exchange on Yucca Mountain
Pre-Licensing Activities and Level of Design Detail
February 3 and 4, 2004
Las Vegas, Nevada
8:30 a.m. - 5:00 p.m. (PT)
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February 3, 2004

	Topics	Discussion Lead	Time
I.	Opening Remarks and Introductions	Tim Kobetz, NRC Bill Reamer, NRC Joe Ziegler, DOE	8:30-9:00 a.m.
II.	Content of License Application: An overview of the license application and the supporting documents (e.g., General Information, Environmental Impact Statement, Safety Analysis Report, etc.)	DOE	9:00-10:00 a.m.
BREAK			10:00-10:15 a.m.
III.	Safety Analysis Report (SAR) Outline: Discuss the content and format of the SAR and other documents that may be submitted separate from the license application to support the conclusions reached in the SAR. Discuss how the SAR relates to the Yucca Mountain Review Plan.	DOE	10:15-12:00 p.m.
LUNCH			12:00-1:15 p.m.

IV.	Safety Analysis Report Level of Detail: Discuss the level of detail that will be supplied in the SAR submitted for a Construction Authorization and the updated license application that will be submitted to support the License to Receive and Possess (the discussion will focus on the HVAC that was submitted to NRC in September 2003, and DOE overviews of the Dry Transfer Facility and the Waste Package Design).	DOE	1:15-3:30 p.m.
BREAK			3:30-3:45 p.m.
IV.	Caucus: DOE and NRC caucus separately to identify issues which will require follow-up actions.		3:45-4:30 p.m.
V.	Summary Discussion: Summarize status of the day's discussions and identify open items.	Tim Kobetz	4:30-5:00 p.m.
VI.	Adjourn		5:00 p.m.

February 4, 2004

	Topics	Discussion Lead	Time
I.	Opening Remarks and Introductions	Tim Kobetz, NRC	8:30-8:45 a.m.
II.	Risk-Informed Approach to Reviewing the Yucca Mountain License Application: Discuss the use of risk-information by NRC to review the application.	NRC	8:45-10:00 a.m.
BREAK			10:00-10:15 a.m.
III.	Path Forward to DOE's Submittal of the License Application: Discuss future technical exchanges and other DOE activities that will take place prior to DOE submitting a license application.	DOE	10:15-11:30 a.m.
LUNCH			11:30-1:45 p.m.
IV.	Continuing DOE Activities after Submittal of the License Application: Discuss the continuation of design and other DOE activities subsequent to the submittal of the license application. Discuss how DOE intends to ensure design information in the application is current, as necessary.	DOE	1:45-2:30 p.m.
BREAK			2:30-2:45 p.m.
V.	Present Proposed Conditions for a Potential Construction Authorization: A Preliminary Presentation for the types of Construction Authorization Conditions that would be contained in the License Application.	DOE	2:45-3:45 p.m.
VI.	Caucus: DOE and NRC caucus separately to identify issues which will require follow-up actions.		3:45-4:30
VII.	Summary Discussion: Summarize status of the day's discussions and identify open items.	Tim Kobetz	4:30-5:00 p.m.
VIII	Adjourn		5:00 p.m.