

October 12, 2004

Mr. Joseph Ziegler, Director  
Office of License Application and Strategy  
U.S. Department of Energy  
Office of Repository Development  
1551 Hillshire Drive  
North Las Vegas, NV 89134-6321

SUBJECT: SUMMARY OF THE SEPTEMBER 14-15, 2004, U.S. NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF ENERGY TECHNICAL EXCHANGE ON THE DESIGN OF THE SURFACE AND SUBSURFACE FACILITIES AT YUCCA MOUNTAIN, NEVADA

Dear Mr. Ziegler:

On September 14-15, the U.S. Nuclear Regulatory Commission (NRC) and the U.S. Department of Energy (DOE) conducted a Technical Exchange (TE). The purpose of the TE was to discuss the design of the surface and subsurface facilities that will be included in a potential license application for a geologic repository at Yucca Mountain, Nevada.

The TE was held at DOE offices in Las Vegas, Nevada and via video conference to the NRC office in Rockville, Maryland, and the Center for Nuclear Waste Regulatory Analyses in San Antonio, Texas. In addition, a bridge number for a teleconference was provided to allow other interested stakeholders to participate in the meeting.

Enclosed are the Meeting Summary, Agenda, Attendance List, and Presentations presented by DOE and its contractor. If you have any questions regarding this letter, please contact Tim Kobetz at (301) 415-5170 or via e-mail at [tjk1@nrc.gov](mailto:tjk1@nrc.gov).

Sincerely,

**/RA/**

C. William Reamer, Director  
Division of High-Level Waste Repository Safety  
Office of Nuclear Material Safety  
and Safeguards

Enclosures:

1. Summary
2. Agenda
3. Attendance List
4. Presentations

cc: See attached list

Letter to J. Ziegler from C.W. Reamer, dated: \_\_\_\_\_  
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	M. Chu, DOE/Washington, D.C.
G. McCorkell, Esmeralda County, NV	G. Runkle, DOE/Washington, D.C.
R. Damele, 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
	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. Vonderheide, NV Congressional Delegation	N. Hunemuller, DOE/ORD
	M. Mason, BSC
T. Story, NV Congressional Delegation	S. Cereghino, BSC
R. Herbert, NV Congressional Delegation	N. Williams, BSC
M. Murphy, Nye County, NV	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
R. Clark, EPA	J. Birchim, Yomba Shoshone Tribe
R. Anderson, NEI	R. Holden, NCAE

cc: (Continued)

R. McCullum, NEI

S. Kraft, NEI

J. Kessler, EPRI

D. Duncan, USGS

R. Craig, USGS

W. Booth, Engineering Svcs, LTD

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. Capoferri, DOE/ Washington, DC

J. Williams, DOE/Washington, DC

A. Robinson, Robinson-Seidler

M. Dayton, City of Las Vegas

D. Wilson, Sen. Reid's Office

D. Duquette, NWTRB

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

S. Devlin

G. Hudlow

D. Irwin, Hunton & Williams

L. Alfano, Lincoln County

M. Henderson, Cong. J. Gibbon's Office

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\*See previous concurrence

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