

December 22, 2004

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

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION STAFF REVIEW OF U.S.  
DEPARTMENT OF ENERGY QUALITY ASSURANCE REQUIREMENTS AND  
DESCRIPTION, DOE/RW-033P, REVISION 17 - ADDITIONAL INFORMATION  
NEEDS

Dear Mr. Ziegler:

On September 17, 2004, U.S. Department of Energy (DOE) submitted its Quality Assurance Requirements and Description (QARD), DOE/RW-033P, Revision 17, to the U.S. Nuclear Regulatory Commission (NRC) for review and acceptance. In your September 17 letter, you stated that the QARD, Revision 17, describes the quality assurance (QA) requirements for the construction phase of the Yucca Mountain Project (YMP) and that this revision re-baselines the YMP's QA program to meet the QA requirements of 10 CFR 63.

In addition, on December 15, 2004, DOE submitted the Yucca Mountain Project (YMP) Positions and Justifications taken in QARD, Revision 17. NRC staff considered the YMP Positions and Justifications contained in your December 15, 2004, letter during its review of the QARD, Revision 17.

We have completed our initial review of the QARD, Revision 17. During its review, NRC staff identified areas requiring clarification or additional information. The attached "Additional Information Needs" identifies the additional information needed by NRC staff to complete its review of the QARD, Revision 17.

Sincerely,

/RA/

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

Enclosure:  
Quality Assurance Requirements and Description (QARD), DOE/RW-033P, Revision 17,  
Additional Information Needs

cc: See attached list

Letter to J. Ziegler from C.W. Reamer, dated: December 22, 2004

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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.
L. Marshall, Eureka County, NV	S. Gomberg, DOE/Washington, D.C.
A. Johnson, Eureka County, NV	W. J. Arthur, III , DOE/ORD
A. Remus, Inyo County, CA	R. Dyer, DOE/ORD
M. Yarbro, Lander County, NV	J. Ziegler, DOE/ORD
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T. Story, NV Congressional Delegation	S. Cereghino, BSC
R. Herbert, NV Congressional Delegation	N. Williams, BSC
M. Murphy	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

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. 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

L. Lehman, T-REG, Inc.

J. Donnell, DOE/ORD

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

D. Duquette, NWTRB

R. Murray, DOE/ORD

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Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
Quality Assurance Requirements and Description (QARD), DOE/RW-033P, Revision 17, Additional Information Needs

cc: See attached list

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