September 29, 2009

Mr. Jeffrey R. Williams, Manager
Licensing Support
Office of Civilian Radioactive
Waste Management, RW-6
US Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

SUBJECT: YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION- SAFETY EVALUATION REPORT, VOLUME 3—POSTCLOSURE CHAPTER 2.2.1.4.1—COMPLIANCE WITH THE POSTCLOSURE INDIVIDUAL PROTECTION STANDARD, 2nd SET - (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 2.4.2)

Dear Mr. Williams:

By application dated June 3, 2008, the U.S. Department of Energy (DOE) requested the U.S. Nuclear Regulatory Commission (NRC) approval of a construction authorization for a proposed geologic repository for high-level radioactive waste at Yucca Mountain, NV.

NRC staff has reviewed the information provided in your submittal and determined that additional information is required in order to complete its review. The questions in the enclosed request for additional information (RAI) were e-mailed on September 16, 2009, and discussed in a telephone call with your staff on September 24, 2009. This is RAI Set 2 of Safety Evaluation Report Chapter 2.2.1.4.1—Compliance with the Postclosure Individual Protection Standard. DOE has agreed to provide responses to these RAIs by October 16, 2009. There were no changes made to the RAIs as a result of this call.

Timely responses to these RAIs will help NRC meet its 10 CFR Part 2 schedule requirements, and contribute towards meeting its goal of efficient and effective use of staff resources. If any circumstances arise that result in revisions to the requested response date, please contact me at (301) 492-3180.

Sincerely,

/RA/

John H. (Jack) Sulima, Project Manager
Project Management Branch Section B
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards

Docket No. 63-001

Enclosure: Request for Additional Information

cc: See enclosed list

Letter to J. Williams from J. Sulima dated: September 29, 2009
cc:

C. Berkey, Alexander, Berkey, Williams & Weathers LLP
R. Leigh, Alexander, Berkey, Williams & Weathers LLP
S. Williams, Alexander, Berkey, Williams & Weathers LLP
M. Morales, Alexander, Berkey, Williams & Weathers LLP
R. Andersen, Akerman Senterfitt
R. List, Armstrong Teasdale LLP
B. Armantrout, Boulder City, NV
B. Gattoni, Burns & Roe
J. Huston, Caliente Hot Springs Resort
B. Hembacher, California Attorney General's Office
S. Durbin, California Attorney General's Office
T. Sullivan, California Attorney General's Office
K. Bell, California Energy Commission
B. Neuman, Carter Ledyard & Milburn L.L.P.
A. Kalt, Churchill County, NV
R. Massey, Churchill/Lander County, NV
M. Cyphers, City of Henderson, NV
L. Lee, City of Las Vegas
C. Kus, City of North Las Vegas, NV
I. Navis, Clark County, NV
P. Klevorick, Clark County, NV
S. Walker, Clark County, NV
B. Sagar, CNWRA
K. Agostisi, Cong. Dina Titus
E. von Tiesenhausen, Consultant
L. Pitchford, Consultant
J. Gervers, Consultant
J. Hollrith, DOE
G. Hellstrom, DOE
R. Dyer, DOE/OCRWM
C. Macaluso, DOE/OCRWM
C. Trummell, DOE/OCRWM
D. Barr, DOE/OCRWM
M. Williams, DOE/OCRWM
L. Newman, DOE/OCRWM
C. Kouts, DOE/OCRWM
S. Bokhari, DOE/RW
A. Gil, DOE/OCRWM
W. Boyle, DOE/OCRWM
S.A. Wade, DOE/OCRWM
T. Gunter, DOE/OCRWM
A. Benson, DOE/OCRWM
N. Hunemuller, DOE/OCRWM
P. Harrington, DOE/OCRWM
L. Desell, DOE/RW
S. Davis, DOE/OCRWM
J. Summerson, DOE/OCWRM
J. George, DOE/OCWRM
C. Thom, SNL
E. Bonano, SNL
S. Kuzio, SNL
J. Lloyd, SNL
G. Runkle, DOE/Washington, D.C.
S. Gomberg, DOE/Washington, D.C.
M. Malsch, Egan, Fitzpatrick, Malsch, PLLC
J. Siciliano, Energy Washington Week
R. Clark, EPA
J. Kessler, EPRI
E. Mueller, Esmeralda County, NV
R. Damele, Eureka County, NV
A. Johnson, Eureka County, NV
D. Houck, Fredericks and Peebles, LLP
J. Peebles, Fredericks and Peebles, LLP
D. Feehan, GAO
A. Harrington, Godfrey and Kahn
D. Poland, Godfrey and Kahn
H. Renfro, Godfrey and Kahn
S. Heinzen, Godfrey and Kahn
D. Curran, Harmon, Curran, Spielberg & Eisenberg, L.L.P.
D. Irwin, Hunton & Williams
A. Lembke, Inyo County, CA
J. Hart, Inyo County, CA
B. Helmer, Inyo County, CA
G. James, Inyo County, CA
A. Robbins, Jennings, Strouss & Salmon
B. Loveland, Jennings, Strouss & Salmon
D. Roby, Jennings, Strouss & Salmon
J. Brandt, Lander County, NV
D. Teske, Lander County, NV
S. Scholley, Legislative Counsel Bureau
B. Whipple, Lincoln County, NV
M. Baughman, Lincoln County, NV
C. Simkins, Lincoln County, NV
G. Barlow, Lincoln County, NV
L. Mathias, Mineral County, NV
T. Poindexter, Morgan, Lewis & Bockius LLP
C. Meyers, Moapa Paiute Indian Tribe
R. Holden, NCAI
R. McCullum, NEI
S. Kraft, NEI
P. Seidler, NEI
J. Strolin, Nevada Agency for Nuclear Projects
J. Treichel, Nuclear Waste Task Force
C. Di Bella, NWTRB
M. Murphy, Nye County, NV
W. Kohbarger, Nye County, NV
D. Lacy, Nye County, NV
J. Eastley, Nye County, NV
G. Hollis, Nye County, NV
R. Gamble, Nye County, NV

cc: (Continued)

C. Jaszczak, Nye County, NV
J. Van Niel, Nye County, NV
J. Silberg, Pillsbury Winthrop Shaw Pittman LLP
T. Walsh, Pillsbury Winthrop Shaw Pittman LLP
E. Hiruo, Platts Nuclear Publications
S. Frishman
T. Story, Rep. Berkley's office
D. Cherry, Rep. Berkley's office
K. Pace, Rep. Heller's office
G. Facchiano, Rep. Heller's office
M. Nakashima, Rep. Heller's office
A. Moses, Rep. Heller's office
J. Duran, Rosette & Associates, PC
K. Kirkeby, Sen. Ensign's office
A. Shaw, Sen. Ensign's office
S. Joya, Sen. Ensign's office
J. Min, Sen. Ensign's office
S. Raborn, Sen. Reid's office
A. McDonough, Sen. Reid's office
D. Cristinzio, Sen. Reid's office
S. Lynch, State of NV
J. Kennedy, Timbisha Shoshone Tribe
B. Durham, Timbisha Shoshone Tribe
L. Lehman, T-REG, Inc.
J. Parrott, US NRC
G. Schlapper, US NRC
V. Everett, US NRC
B. Spitzberg, US NRC
L. Willoughby, US NRC
E. Borella, USA-RS
S. Thom, USA-RS
M. Bryan, USA-RS
D. Beckman, USA-RS
J. Donnell, USA-RS
P. Freeman, USA-RS
B. Silloway, USA-RS
L. Kraemer, USA-RS
S. Cereghino, USA-RS
I. Zabarte, Western Shoshone National Council
R. Sears, White Pine County District Attorney
M. Simon, White Pine County, NV
M. Martinez, White Pine County, NV
D. Repka, Winston & Strawn LLP
R. Miras-Wilson, Winston & Strawn LLP
W. Horin, Winston & Strawn LLP
D. Beckman, BSC/B&A
P. Johnson, Citizen Alert
D. Allman, DOE
J. Williams, DOE/Washington, DC
C. Fitzpatrick, Egan, Fitzpatrick, Malsch, PLLC
J. Espinoza, GAO
D. Silverman, Morgan, Lewis & Bockius LLP
B.J. Garrick, NWTRB
K. Skipper, USGS
S. Devlin, Private Citizen
G. Hudlow, Private Citizen

Mr. Jeffrey R. Williams, Manager
Licensing Support
Office of Civilian Radioactive
Waste Management, RW-6
US Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

SUBJECT: YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION- SAFETY EVALUATION REPORT, VOLUME 3—POSTCLOSURE CHAPTER 2.2.1.4.1—COMPLIANCE WITH THE POSTCLOSURE INDIVIDUAL PROTECTION STANDARD, 2nd SET - (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 2.4.2)

Dear Mr. Williams:

By application dated June 3, 2008, the U.S. Department of Energy (DOE) requested the U.S. Nuclear Regulatory Commission (NRC) approval of a construction authorization for a proposed geologic repository for high-level radioactive waste at Yucca Mountain, NV.

NRC staff has reviewed the information provided in your submittal and determined that additional information is required in order to complete its review. The questions in the enclosed request for additional information (RAI) were e-mailed on September 16, 2009, and discussed in a telephone call with your staff on September 24, 2009. This is RAI Set 2 of Safety Evaluation Report Chapter 2.2.1.4.1—Compliance with the Postclosure Individual Protection Standard. DOE has agreed to provide responses to these RAIs by October 16, 2009. There were no changes made to the RAIs as a result of this call.

Timely responses to these RAIs will help NRC meet its 10 CFR Part 2 schedule requirements, and contribute towards meeting its goal of efficient and effective use of staff resources. If any circumstances arise that result in revisions to the requested response date, please contact me at (301) 492-3180.

Sincerely,

John H. (Jack) Sulima, Project Manager
Project Management Branch Section B
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards

Docket No. 63-001

Enclosure: Request for Additional Information

cc: See enclosed list

DISTRIBUTION:

HLWRS r/f	JSulima	AMohseni	JDavis	JGuttmann	TMcCartin	BHill
AGomez	KCompton	CMarkley	AGendelman	OPensado	JWinterle	JGwo

ML092610222

OFFICE	HLWRS	HLWRS	HLWRS
NAME	AGomez	JGuttmann	JSulima
DATE	9 / 28 / 09	9 / 29 / 09	9 / 29 / 09

OFFICIAL RECORD COPY