

August 29, 2007

Dr. April Gil, Acting Director
Regulatory Authority Office
Office of Civilian Radioactive Waste Management
U.S. Department of Energy
1551 Hillshire Drive
North Las Vegas, NV 89134-6321

SUBJECT: REQUEST FOR DATA SETS FROM ALCOVE 5 FIELD EXPERIMENT

Dear Dr. Gil:

In support of preparations for review of a license application for the potential high-level radioactive waste repository at Yucca Mountain, Nevada, the U.S. Nuclear Regulatory Commission (NRC) staff would like to obtain data sets collected, for the U.S. Department of Energy, at the Drift-Scale Heater Test experiment in Alcove 5 of the Exploratory Studies Facility tunnel at Yucca Mountain. The data sets are identified by data tracking numbers in the Enclosure, which also includes a brief description of the data. If the data sets have been superseded, this request is for the data set that supersedes that listed in the Enclosure.

NRC staff, with support from the Center for Nuclear Waste Regulatory Analyses (CNWRA), have been conducting independent studies and assessments of this field test. The data sets will allow us to complete some of these studies and assessments.

It would be helpful if the data sets could be provided in electronic format on CD-ROM to both my office and directly to Ronald Green, at the CNWRA, in San Antonio. Please contact Randall Fedors, at 301-492-3152, or e-mail: rwf@nrc.gov, if you have any questions about this request.

Sincerely,

/RA/

Jack R. Davis, Deputy Director
Technical Review Directorate
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

Enclosure:
"List of Requested Data Sets
from the Drift-Scale Heater Test"

cc: See attached list.

Letter to A. Gil from J. Davis dated: August 29, 2007

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	R. Murray, DOE/OCRWM
J. Birchim, Yomba Shoshone Tribe	G. Runkle, DOE/Washington, D.C.
R. Damele, Eureka County, NV	S. Bokhari, DOE/RW
L. Marshall, Eureka County, NV	S. Gomberg, DOE/Washington, D.C.
A. Johnson, Eureka County, NV	D. Curran, Harmon, Curran, Spielberg & Eisenberg, L.L.P.
S. Schubert, Sen. Reid's Office	R. Dyer, DOE/OCRWM
M. Yarbrow, Lander County, NV	J. Espinoza, GAO
J. Donnell, DOE/OCRWM	A. Gil, DOE/OCRWM
M. Baughman, Lincoln County, NV	W. Boyle, DOE/OCRWM
L. Mathias, Mineral County, NV	M. Ulshafer, DOE/OCRWM
J. Saldarini, BSC	S.A. Wade, DOE/OCRWM
M. Henderson, Cong. J. Gibbon's Office	C. Hanlon, DOE/OCRWM
D. Swanson, Nye County, NV	T. Gunter, DOE/OCRWM
M. Simon, White Pine County, NV	A. Benson, DOE/OCRWM
E. Sproat, DOE/OCRWM	N. Hunemuller, DOE/OCRWM
D. Cornwall, NV Congressional Delegation	P. Harrington, OPM&E
T. Story, NV Congressional Delegation	M. Mason, BSC
R. Herbert, NV Sen. Reid's Office	S. Cereghino, BSC
M. Murphy, Nye County, NV	B. Gattoni, Burns & Roe
R. Lambe, NV Congressional Delegation	E. Mueller, Esmeralda County, NV
K. Kirkeby, NV Congressional Delegation	J. Gervers, Clark County, NV
R. Loux, State of NV	D. Beckman, BSC/B&A
S. Frishman, State of NV	J. Raleigh, SNL
S. Lynch, State of NV	J. Kennedy, Timbisha Shoshone Tribe
P. Guinan, Legislative Counsel Bureau	B. Durham, Timbisha Shoshone Tribe
R. Clark, EPA	R. Arnold, Pahrump Paiute Tribe
R. Anderson, NEI	

cc: (Continued)

R. McCullum, NEI

S. Kraft, NEI

J. Kessler, EPRI

D. Duncan, USGS

K. Skipper, USGS

W. Booth, Engineering Svcs, LTD

C. Marden, BNFL Inc.

J. Bacoeh, Big Pine Paiute Tribe of Owens Valley

P. Thompson, Duckwater Shoshone Tribe

J. Egan, Esq.

D. Feehan, GAO

E. Hiruo, Platts Nuclear Publications

G. Hernandez, Las Vegas Paiute Tribe

K. Finfrook, NV Congressional Delegation

P. Johnson, Citizen Alert

M. Williams, DOE/OCRWM

J. Williams, DOE/Washington, DC

A. Robinson, Robinson-Seidler

M. Plaster, City of Las Vegas

S. Rayborn, Sen. Reid's Office

L. Lehman, T-REG, Inc.

B.J. Garrick, NWTRB

T. Feigenbaum, BSC

M. Urie, DOE

J. Brandt, Lander County

R. Holland, Inyo County

B. Sagar, CNWRA

V. Trebules, RW/DOE

R. Warther, DOE/OCRWM

Connie Simkins, Lincoln County

S.A. Orrell, SNL

R. Holden, NCAI

C. Meyers, Moapa Paiute Indian Tribe

C. Dahlberg, Fort Independence Indian Tribe

D. Vega, Bishop Paiute Indian Tribe

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

M. Boyd, 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

J. Hollrith, DOE

M. Rice, Lincoln County, NV

G. Hellstrom, DOE

S. Joya, Sen. Ensign's Office

M. Gaffney, Inyo County

L. Desell, RW/DOE

P. Nair, SNL

B. Neuman, Carter Ledyard & Milburn L.L.P.

E. Bonano, SNL

L. Newman, DOE/OCRWM

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Jack R. Davis, Deputy Director
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Office of Nuclear Material Safety
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from the Drift-Scale Heater Test"

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