

June 13, 2006

Mr. Mark H. Williams, 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 PETROGRAPHIC THIN SECTION SAMPLES

Dear Mr. Williams:

In a letter dated May 4, 2006, the U.S. Department of Energy requested five petrographic thin sections from the Nuclear Regulatory Commission and Center for Nuclear Waste Regulatory Analyses (CNWRA), from samples collected from the Nopal I natural analog site in Chihuahua, Mexico. The requested samples are enclosed. The sample names and corresponding CNWRA grid locations are:

NOPI-ECP-1-TS1	X = +22, Y = +11, Z = +1
NOPI-ECP-1-TS5	X = +22, Y = +11, Z = +1
NOPI-ECP-30-T-S3	Between X = +20, Y = +9 and X = +22, Y = +11; Z = +1
NOPI-ECP-32-TS2	Between X = +20, Y = +9 and X = +22, Y = +11; Z = +1
NOPI-ECP-271-TS9	X = +28.9, Y = -4, Z = 0

With the exception of NOPI-271-TS9, these locations are approximate, because the samples were collected before the grid was established. In later records, the "ECP" portion of the sample name was removed, thus, for example, the first sample may in some documents be referred to as "NOPI-1-TS1."

M. Williams

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If you have any questions regarding the samples provided, please contact Dr. James Rubenstone of my staff at (301) 415-5019, email jxr5@nrc.gov, or Dr. David Pickett at CNWRA at (210) 522-5582, email dpickett@cnwra.swri.edu.

Sincerely,

/RA/

Lawrence E. Kokajko, Deputy Director
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

Enclosure: Five petrographic thin sections from Nopal 1 deposit, as listed.

cc: See attached List

Letter to M. H. Williams from L. E. Kokajko dated: June 13, 2006

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/ORD
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
S. Schubert, Sen. Reid's Office	R. Dyer, DOE/ORD
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J. Donnell, DOE/ORD	A. Gil, DOE/ORD
M. Baughman, Lincoln County, NV	W. Boyle, DOE/ORD
L. Mathias, Mineral County, NV	M. Ulshafer, DOE/OCRWM
J. Saldarini, BSC	S.A. Wade, DOE/ORD
M. Henderson, Cong. J. Gibbon's Office	C. Hanlon, DOE/ORD
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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
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K. Kirkeby, NV Congressional Delegation	J. Gervers, Clark County, NV
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S. Frishman, State of NV	L. Rasura-Alfano, Lincoln County, NV
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	J. Birchim, Yomba Shoshone Tribe

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. Bacocho, 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

M. Williams, DOE/ORD

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

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S. Devlin

G. Hudlow

D. Irwin, Hunton & Williams

P. Golan, DOE

M. Rice, Lincoln County, NV

G. Hellstrom, DOE

S. Joya, Sen. Ensign's Office

M. Williams

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Lawrence E. Kokajko, Deputy Director
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