

March 10, 2006

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

SUBJECT: REQUEST FOR AEROMAGNETIC ANOMALY DRILLING PROJECT SAMPLES

Dear Mr. Williams:

The Nuclear Regulatory Commission staff has been informed through our Onsite Representatives that the Department of Energy has completed its planned drilling of aeromagnetic anomalies in the Yucca Mountain area, in support of its update of the Probabilistic Volcanic Hazard Analysis. It is our understanding that basalt was encountered and cored in four of the seven holes drilled in this activity, and that these cores are now in the Sample Management Facility (SMF) on the Nevada Test Site. We would like to obtain samples from these cores for measurement of magnetic remnance and magnetic susceptibility. Several segments, one to two inches in length, from each core would be sufficient for these measurements.

The most efficient method for obtaining the appropriate samples would be to have a staff member from the Center for Nuclear Waste Regulatory Analyses, Dr. John Stamatakis, visit the SMF, examine the cores, and identify the specific sampling sites. Sample control can then follow the procedures established for the SMF.

To coordinate the sampling visit, or if there are questions regarding this request, please contact Dr. Stamatakis at (210)522-5247 or by email at jstam@swri.org, or Dr. John Trapp, of my staff, at (301)415-8063 or by email at jst@nrc.gov.

Sincerely,

/RA/

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

Letter to: M. Williams from L. Kokajko dated: March 10, 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
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R. Herbert, NV Congressional Delegation	S. Cereghino, BSC
M. Murphy, Nye County, NV	B. Gattoni, Burns & Roe
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S. Frishman, State of NV	L. Rasura-Alfano, Lincoln County, NV
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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)

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D. Duncan, USGS

K. Skipper, USGS

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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

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A. Robinson, Robinson-Seidler

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L. Tom, Paiute Indian Tribes of Utah

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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

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D. Irwin, Hunton & Williams

P. Golan, DOE

M. Rice, Lincoln County, NV

G. Hellstrom, DOE

S. Joya, Sen. Ensign's Office

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