

August 09, 1996

Dr. Stephan J. Brocoum, Assistant Manager  
for Suitability and Licensing  
U.S. Department of Energy  
Office of Civilian Radioactive  
Waste Management  
Yucca Mountain Project Office  
P. O. Box 98606  
Las Vegas, NV 89101

Dear Dr. Brocoum:

I am requesting two copies each of the documents on the enclosed list be sent to me for use in our on-going review of the Yucca Mountain site. The reports listed are relevant to our Ongoing Review/Igneous Activity. If available, we would like the data/documents in electronic format. These were extracted from the Department of Energy's Automatic Technical Data Tracking System. Please have the appropriate person in your organization contact Dr. Donald Chery at (301) 415-6614 regarding the details of electronic data format and transmission.

Also, I would like the status of my request for the documents listed in the enclosed letter (Enclosure 2) dated March 19, 1996. If you have already processed and mailed the documents, please inform Dr. Chery as to the date and to whom the package was mailed. If you have not processed and mailed the requested documents, please process them along with the documents listed in Enclosure 1.

Thank you for your prompt attention to the request.

Sincerely,

Original Signed By

Michael J. Bell, Chief  
Engineering and Geosciences Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Enclosures: As stated

cc: See attached list

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Distribution List for Letter to Stephan Brocoum dated: August 09, 1996

cc: R. Loux, State of Nevada  
J. Meder, Nevada Legislative Counsel Bureau  
W. Barnes, YMPO  
R. Milner, DOE/Wash, DC  
C. Einberg, DOE/Wash, DC  
M. Murphy, Nye County, NV  
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R. Arnold, Pahrump, NV  
N. Stellavato, Nye County, NV

GS940808314212.005

Preliminary Report on Aeromagnetic surveys along trace of seismic profiles across Crater Flat of Yucca Mountain, Nevada

GS950208314212.002

Gravity and Magnetic Investigations at Yucca Mountain, 5/24/94 to 6/04/94

GS950608314212.005

Magnetic and Gravity data for the regional seismic reflection lines, siting of proposed volcanic drill holes in Amargosa Valley and Crater Flat, and High Resolution seismic traverses in the Central Block from 11/05/94 to 3/31/95

GS940808314212.006

Constraints on the structure of Crater Flat, Southwest Nevada,  
Derived from Gravity and Magnetic Data



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 19, 1996

Dr. Stephen J. Brocoum, Assistant Manager  
for Suitability and Licensing  
U. S. Department of Energy  
Yucca Mountain Project Office  
P. O. Box 98606  
101 Convention Center Drive  
Las Vegas, Nevada 89101

SUBJECT: REQUEST FOR DATA

Dear Dr. Brocoum:

With this letter I am requesting you send two (2) copies each of the following data packages for use in the ongoing review of the Characterization of Igneous Features being conducted by the staff. The following packages are listed in the Department of the Energy Automatic Technical Data Tracking System:

- Major Element, Trace Element, Isotopic, and Mineral Chemistry Data from Lathrop Wells (LA000000000099.002)
- Entrainment of Country Rock During Basaltic Eruptions of the Lucero Volcanic Field, New Mexico (LA000000000129.001)
- Geochemical Data for Basalts of the Yucca Mountain Region (LAFP831851AQ95.001)
- AR Isotopic Ratios for Basalt Samples from the Yucca Mountain Region (LAFP831851AQ95.002)
- Age Calculations for Basalts of the Yucca Mountain Region (LAFP831851DQ95.003)

If there are any questions regarding this data request, please contact John Trapp of my staff at 301-415-8063.

Sincerely,

A handwritten signature in cursive script that reads "Michael J. Bell".

Michael J. Bell, Chief  
Engineering and Geosciences Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

cc: See attached list

*9603270088 2 pp.*

Enclosure 2

LIST FOR LETTER TO S. BROCOUM DATED March 19, 1996

cc: R. Loux, State of Nevada  
B. Price, Nevada Legislative Committee  
J. Meder, Nevada Legislative Counsel Bureau  
W. Barnes, YMPO  
C. Einberg, DOE/Washington, DC  
M. Murphy, Nye County, NV  
M. Baughman, Lincoln County, NV  
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