



National Nuclear Security Administration
 Los Alamos Site Office, MS A316
 Environmental Restoration Program
 Los Alamos, New Mexico 87544
 (505) 667-4255/FAX (505) 606-2132

Date: **SEP 09 2011**

Refer To: EP2011-0286



Los Alamos
 NATIONAL LABORATORY
 EST. 1943
Environmental Programs
 P.O. Box 1663, MS M991
 Los Alamos, New Mexico 87545
 (505) 606-2337/FAX (505) 665-1812

John Kieling, Acting Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6303

Subject: Submittal of the Bandelier Tuff Unit 4 Background Study Report

Dear Mr. Kieling:

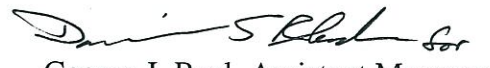
Enclosed please find two hard copies with electronic files of the Bandelier Tuff Unit 4 Background Study Report. This report presents the results of sampling to determine concentrations of inorganic chemicals and naturally occurring radionuclides in unweathered samples of unit 4 of the Bandelier Tuff from background locations.

If you have any questions, please contact Stefani Swickley at (505) 606-1628 (sfuller@lanl.gov) or Mike Gardipe at (505) 845-6022 (mike.gardipe@nnsa.doe.gov).

Sincerely,


 Michael J. Graham, Associate Director
 Environmental Programs
 Los Alamos National Laboratory

Sincerely,


 George J. Rael, Assistant Manager
 Environmental Projects Office
 Los Alamos Site Office

MG/GR/DM/SS:sm

Enclosures: Two hard copies with electronic files – Bandelier Tuff Unit 4 Background Study Report
(LA-UR-11-5179)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Mike Gardipe, DOE-LASO, MS A316
Stephani Swickley, EP-CAP, MS M992
RPF, MS M707 (electronic copy)
Public Reading Room, MS M992 (hard copy)

Cy: (Letter and CD and/or DVD)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Joe English, Adelante, Los Alamos, NM (w/ MS Word files on CD)
William Alexander, EP-BPS, MS M992

Cy: (w/o enc.)
Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)
Annette Russell, DOE-LASO (date-stamped letter emailed)
Dave McInroy, EP-CAP, MS M992 (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)