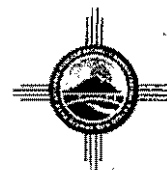




Environmental Programs
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National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: APR 01 2010
Refer To: EP2010-0162

James Bearzi, 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 Work Plan to Plug and Abandon the Existing Deep-Extraction Borehole as Part of the Supplemental Soil-Vapor Extraction Pilot Test at Material Disposal Area G

Dear Mr. Bearzi:

Los Alamos National Laboratory (the Laboratory) is requesting approval to abandon the existing deep-extraction borehole as part of the Supplemental Soil-Vapor Extraction Pilot Test at Material Disposal Area G. A work plan to plug and abandon the existing deep-extraction borehole is attached.

The existing deep-extraction borehole was considered for a potential monitoring point for the Otowi Member. However, the existing deep-extraction borehole would have provided only a single monitoring point for the Otowi Member. Currently, the proposed new extraction borehole would provide multiple points, ranging 25 ft to 150 ft, for monitoring the Otowi Member.

Given the New Mexico Environment Department's (NMED's) directions in its August 20, 2009, letter, the Laboratory proposes to abandon the borehole. At this time, the Laboratory requests NMED's approval to abandon the existing deep-extraction borehole. The borehole will be abandoned in conjunction with other drilling activities planned at the site and will be completed by April 30, 2010.

If you have any questions, please contact Jarrett Rice at (505) 665-3874 (wjrice@lanl.gov) or Ed Worth at (505) 606-0398 (eworth@doeal.gov).

Sincerely,



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

Sincerely,



David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

MG/DG/AB/JR:sm

Attachment: Work Plan to Plug and Abandon the Existing Deep-Extraction Borehole as Part of the Supplemental Soil-Vapor Extraction Pilot Test at Material Disposal Area G (LA-UR-10-1991)

Cy: Laurie King, EPA Region 6, Dallas, TX
Tom Skibitski, NMED-OB, Santa Fe, NM
Steve Yanicak, NMED-DOE-OB, MS M894
Ed Worth, DOE-LASO, MS A316
Annette Russell, DOE-LASO (date-stamped letter emailed)
Jarrett Rice, EP-TA-54 Closure Project, MS M991
Andy Baumer, EP-TA-54 Closure Project, MS C348
Michael J. Graham, ADEP, MS M991
Kristine Smeltz, EP-WES, MS M992
RPF, MS M707
IRM-RMMSO, MS A150 (date-stamped letter emailed)