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FEB 2012
NMED Hazardous Waste Bureau

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
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Date: FEB 15 2012
Refer To: EP2012-0049

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: Request for Extension to Install a Permanent Sampling System in CdV-16-4ip and to Perform Water-Quality Time-Series Sampling Pursuant to the December 27, 2011, Approval with Modifications of the Hydrologic Testing Report for Consolidated Unit 16-021(c)-99

Dear Mr. Kieling:

The December 27, 2011, Approval with Modifications of the Hydrologic Testing Report for Consolidated Unit 16-021(c)-99 required the U.S. Department of Energy (DOE) and Los Alamos National Security (LANS), LLC, to install a permanent sampling system at the upper screen in CdV-16-4ip by February 29, 2012. The purpose of this letter is to request an extension from the February 29, 2012, date to a new date of March 13, 2013. DOE/LANS request this extension in order to focus efforts on accelerating the shipment of aboveground transuranic (TRU) waste from Los Alamos National Laboratory's (the Laboratory's) Technical Area 54, Area G, to the Waste Isolation Pilot Plant. This focus will result in a material reduction of environmental risk. This acceleration of TRU waste shipments will also allow DOE/LANS to support the environmental priorities established by the New Mexico Environment Department (NMED) and the State of New Mexico. LANS/DOE request this extension under Section III.J.2 of the March 2005 Compliance Order on Consent.

The water-quality time-series sampling will be performed during the first round sampling event after the permanent sampling system is installed. However, as discussed with NMED staff during meetings regarding the approval with modifications, DOE/LANS proposes to collect samples from the upper screen in CdV-16-4ip using a temporary sampling system capable of purging. The Laboratory completed the 260 Outfall monitoring group campaign at Technical Area 16 on January 26, 2012, but will conduct sampling at CdV-16-4ip before the end of April 2012.

If you have any questions, please contact John McCann at (505) 665-1091 (jmccann@lanl.gov) or Hai Shen at (505) 665-5046 (hai.shen@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/TG/DM/JM:sm

Cy: Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Jim Davis, NMED-Resource Protection, Santa Fe, NM (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)
Woody Woodworth, DOE-LASO, MS A316 (date-stamped letter emailed)
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