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JAN 2010
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: JAN 2 5 2010
Refer To: EP2010-0031

James Bearzi, 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 of Time to Complete Cross-Vane Structures in Pueblo Canyon

Dear Mr. Bearzi:

The Los Alamos National Laboratory (the Laboratory) requests an extension to the field completion date and associated completion report date for the modifications to the three existing cross-vane structures in Pueblo Canyon. The New Mexico Environment Department's (NMED's) December 3, 2009, letter directing corrections to the structures requires that the modifications be completed by January 30, 2010, and reported by February 28, 2010.

The Laboratory has evaluated the field conditions at the cross-vane structures and concludes that the frozen sediment in the channel could create problems for implementation of the work under these conditions. Based on recent experience at the current construction sites for the grade control structures in Pueblo and DP Canyons, the Laboratory's primary concern is that excavated sediment would remain as large frozen blocks that could not be replaced as neatly packed interstitial material surrounding the emplaced boulders.

The Laboratory proposes to conduct the work at the first opportunity to find non-frozen conditions in the channel sediment. It is assumed that the modifications to the cross-vane structures could be conducted in the April timeframe, well before the 2010 rainfall/runoff season. The Laboratory proposes to complete the modifications by April 30, 2010, and submit the completion report for the rebuilt cross-vane structures by May 31, 2010.

The Laboratory appreciates your consideration of this request.

If you have any questions, please contact Steve Veenis at 667-0013 (veenis@lanl.gov) or Nancy Werdel at 665-3619 (nwerdel@doeal.gov).

Sincerely,

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

Sincerely,

Nancy Werdel

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

MG/DG/DM/SV:sm

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