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**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

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BILL RICHARDSON
Governor

DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 23, 2010

George J. Rael
Environmental Operations Manager
Los Alamos Site Office, Department of Energy
3747 West Jemez Road, Mail Stop A316
Los Alamos, NM 87544

Michael J. Graham
Associate Director Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, Mail Stop A991
Los Alamos, NM 87545

**RE: NOTICE OF APPROVAL
DOCUMENTATION OF COMPLETION OF CROSS-VANE STRUCTURE
CORRECTIVE MAINTENANCE ACTIONS IN PUEBLO CANYON
LOS ALAMOS NATIONAL LABORATORY
EPA ID# NM0890010515
LANL-HWB-08-047**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the Los Alamos National Security, L.L.C. and U.S. Department of Energy (the Permittees) documents entitled *Submittal of Documentation of Completion of Cross-Vane Structure Corrective Maintenance Actions in Pueblo Canyon* (Documentation) dated May 17, 2010 (referenced by EP2010-0232) and *Submittal of the Response to the Notice of Disapproval Documentation of Completion of Cross-Vane Structures Corrective Maintenance Actions in Pueblo Canyon* dated July 19, 2010 (referenced by EP2010-0286). The Documentation was required by NMED's *Direction to Correct Cross Vane Structures in Pueblo Canyon* dated December 3, 2009 (Direction) and NMED's subsequent Notice of Disapproval dated June 4, 2010.

The Documentation meets the requirements specified in NMED's Direction.

The Permittees must inspect the three Cross Vane Structures in Pueblo Canyon to assess the effectiveness of the structures to enhance sediment deposition and prevent the creation of scour

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Messrs. Rael and Graham
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channels that reduce their intended function as specified in NMED's *Approval of Design for Installation of Cross Vane Structures Pueblo Canyon Stream Channel*, dated August 11, 2009. The inspections must be conducted monthly from April to October and after each rain event within the canyon drainage when total precipitation within 24 hours is equal to or exceeds 0.5-inch. The results of the inspections and any recommendations to modify or replace the cross vane structures must be included in the annual monitoring report documenting geomorphic changes in Los Alamos and Pueblo Canyons due **May 30 of each year beginning in 2011**.

Please contact Dave Cobrain of my staff at (505) 476-6055 if you have questions.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:dc

cc: D. Cobrain, NMED HWB
M. Dale, NMED HWB
K. Roberts, NMED HWB
T. Skibitski, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
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file: Reading and LANL General (Los Alamos and Pueblo Canyons, Surface Water)