

DEPARTMENT OF ENERGY
Environmental Management Los Alamos Field Office (EM-LA)
Los Alamos, New Mexico 87544

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



SEP 27 2018

Dear Mr. Kieling:

Subject: Submittal of the Phase II Investigation Report for Middle Los Alamos Canyon
Aggregate Area, Revision 2

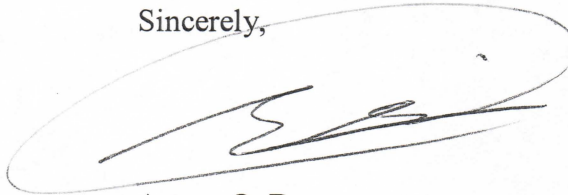
Enclosed please find two hard copies with electronic files of the Phase II Investigation Report for Middle Los Alamos Canyon Aggregate Area, Revision 2. This investigation report evaluates the nature and extent of contamination and potential human health and ecological risks for 40 solid waste management units (SWMUs) and areas of concern (AOCs) in the Middle Los Alamos Canyon Aggregate Area at Los Alamos National Laboratory (the Laboratory). The SWMUs and AOCs addressed in this report are located in Technical Area 02 (TA-02), TA-21, and TA-26. The Phase II investigation was implemented in 2010, and a Phase II investigation report was submitted to the New Mexico Environment Department (NMED) in August 2011. The report was not approved by NMED, and NMED directed the Laboratory to conduct additional investigations to define nature and extent of contamination.

After the investigation report was submitted, NMED and the U.S. Department of Energy (DOE) entered into a Framework Agreement for the realignment of environmental priorities at the Laboratory. Under the Framework Agreement, NMED and DOE agreed to review characterization efforts undertaken to date pursuant to the Compliance Order on Consent (Consent Order) to identify those sites where the nature and extent of contamination have been adequately characterized. The Phase II investigation results were reevaluated in accordance with this process, and additional sampling and risk assessments were performed. This report is being submitted to fulfill Fiscal Year 2018 Milestone 12 in Appendix B of the 2016 Consent Order.

Pursuant to Section XXIII.C of the Consent Order, a pre-submission review meeting was held with Newport News Nuclear BWXT – Los Alamos, LLC, and NMED on September 20, 2018, to discuss the investigation results and recommendations for the 40 sites.

If you have any questions, please contact Kent Rich at (505) 551-2962 (kent.rich@em-la.doe.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@em.doe.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Arturo Q. Duran', is enclosed within a large, hand-drawn oval.

Arturo Q. Duran
Designated Agency Manager
Environmental Management
Los Alamos Field Office

Enclosures:

1. Phase II Investigation Report for Middle Los Alamos Canyon Aggregate Area, Revision 2 (EM2018-0039)

cc (letter with enclosure[s]):

K. Rich, N3B
C. Rodriguez, EM-LA

cc (letter with electronic enclosure[s]):

L. King, EPA Region 6, Dallas, TX
S. Yanicak, NMED
emla.docs@em.doe.gov
N3B Records
Public Reading Room (EPRR)
PRS Database

cc (letter emailed without enclosure[s]):

B. Bowlby, N3B
E. Evered, N3B
J. Legare, N3B
F. Lockhart, N3B
N. Lombardo, N3B
A. Duran, EM-LA
D. Nickless, EM-LA
D. Rhodes, EM-LA

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