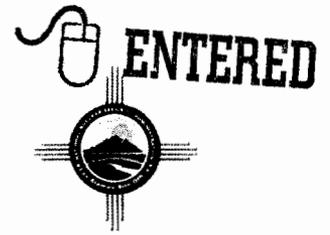




**Environmental Programs**  
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**National Nuclear Security Administration**  
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Date: **JUN 13 2012**  
 Refer To: EP2012-0145

John Kieling, 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 for the Phase II Investigation Report for Upper Los Alamos Canyon Aggregate Area**

Dear Mr. Kieling:

Los Alamos National Security, (LANS), LLC and the U.S. Department of Energy (DOE) request a 12-month extension to the August 30, 2012, submittal date for the Phase II Investigation Report for Upper Los Alamos Canyon Aggregate Area (hereafter, the Phase II IR) to a new submittal date of August 30, 2013. The basis for this extension request is to provide the time needed to conduct additional sampling and remediation activities to meet the investigation objectives of the Phase II investigation work plan. LANS and DOE are presently executing the work scope in the Phase II investigation work plan for Upper Los Alamos Canyon Aggregate Area, approved by the New Mexico Environment Department on January 19, 2011.

Los Alamos National Laboratory has received validated Phase II sampling data and is currently in the process of evaluating that data to determine whether vertical and lateral extent has been defined at the sites and whether solid waste management unit- (SWMU-) and area of concern- (AOC-) related contamination is above risk-based soil screening levels (SSLs). A preliminary evaluation of the data to date has identified areas where SWMU- and AOC-related contamination is present above SSLs and fails the residential risk scenario at several sites. Preliminary risk evaluations indicate additional soil removal is required.

To most efficiently complete activities for Upper Los Alamos Canyon Aggregate Area under the Compliance Order on Consent, LANS and DOE propose to perform additional sampling and remediation rather than submit the Phase II IR as currently scheduled. LANS and DOE estimate that an additional 12 months will be needed to identify and perform additional remediation and sampling, analyze samples, validate the analytical data, and prepare the final report. Although this approach will delay the submittal of the Phase II IR, LANS and DOE believe it will expedite completion of the Upper Los Alamos Canyon Aggregate Area investigation by eliminating the need to submit a Phase III investigation work plan and a Phase III IR.



If you have any questions, please contact Todd Haagensted at (505) 665-2936 (hth@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@nnsa.doe.gov).

Sincerely,

Sincerely,



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



Peter Maggiore, Assistant Manager  
Environmental Projects Office  
Los Alamos Site Office

MG/PM/DM/TH:sm

Cy: Laurie King, EPA Region 6, Dallas, TX  
Steve Yanicak, NMED-DOE-OB, MS M894  
Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)  
Annette Russell, DOE-LASO (date-stamped letter emailed)  
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