

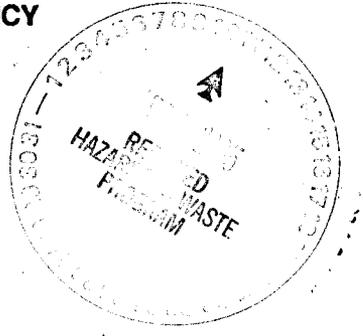


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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DEC 05 1995

Mr. Theodore J. Taylor  
Program Manager  
Department of Energy  
Los Alamos Area Office  
Los Alamos, NM 87544

Re: Installation Work Plan  
Los Alamos National Laboratory (NM0890010515)

Dear Mr. Taylor:

The Environmental Protection Agency (EPA) recently received the 1995 Installation Work Plan (IWP) for Los Alamos National Laboratory (LANL). This submittal did not include the Quality Assurance Program Plan (QAPP); however, the cover letter did indicate that a revised QAPP was being worked on. Since April 1995, EPA has indicated that the QAPP in Revision 4 of the IWP was inadequate.

Enclosed is a list of concerns which EPA has already discussed with LANL. EPA is very concerned that proper quality assurance methods are being followed by LANL, and that unapproved shortcuts are not being taken. Therefore, LANL shall submit a revised QAPP within ninety (90) days of the date of this letter.

Should you have any questions, please feel free to contact Ms. Barbara Driscoll at (214) 665-7441.

Sincerely,

*David W. Neleigh*  
David W. Neleigh, Chief  
New Mexico and Federal  
Facilities Section

Enclosure

cc: Mr. Benito Garcia  
New Mexico Environment Department  
Mr. Jorg Jansen  
Los Alamos National Laboratory, MS M992



LANL HSWA GEN/PERMIT

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**Installation Work Plan  
Quality Assurance Project Plan  
Major Deficiencies**

1. LANL should also provide the document "Guidance for implementing the ER Project QAPP" which appears to contain many of the details which should be included in the QAPP.
2. Analytical Methods Requirements - Analytical methods and/or equipment required, including any extraction methods needed, laboratory decontamination procedures and materials needed, waste disposal requirements, and any specific performance requirements for a specific method should be detailed in this document.
3. Quality Control procedures associated with each sampling, analysis or measurement technique should be discussed. At a minimum this document should detail information such as: For EPA SW-846 methods, matrix spikes(MS)/matrix spike duplicates(MSD) or MS/duplicates is performed at a rate of 5% (1 per 20 samples), or one set per preparation batch, whichever is greater. LANL may provide tables detailing QC requirements.
4. Several of the sections detailed in Table 4-1, Crosswalk, do not appear in the document (e.g. Sections 4.5.3 and 4.5.4).