

TA-50



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GOVERNOR

State of New Mexico  
**ENVIRONMENT DEPARTMENT**  
Hazardous & Radioactive Materials Bureau  
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DEPUTY SECRETARY

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

August 19, 1996

Mr. G. Thomas Todd  
DOE/LAAO  
538 35th Street  
Los Alamos, New Mexico 87544

Dear Mr. Todd:

**RE: Request for Additional Information  
RCRA Facility Investigation Report  
Technical Area 50  
Los Alamos National Laboratory (NM0890010515)**

The New Mexico Environment Department (NMED) Hazardous and Radioactive Materials Bureau (HRMB) has received the United States Environmental Protection Agency's (EPA) review of the Department of Energy/Los Alamos National Laboratory's (DOE/LANL) Resource Conservation and Recovery Act Facility Investigation (RFI) Report and Response to the Notice of Deficiency (NOD) dated May 9, 1996 for Technical Area 50. NMED HRMB agrees that additional information is necessary. DOE/LANL is requested to respond within sixty (30) days to the specific comments in Attachment A.

Should you or your staff have any questions concerning this request, please contact myself or Robert S. (Stu) Dinwiddie of my staff at the above address or by telephone at 505/827-1561.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stu" or similar.

for Barbara Hoditschek, Manager  
RCRA Permits Management Program

cc: J. Vozella, DOE LAAO  
T. Taylor, DOE LAAO  
J. Jansen, LANL  
D. Neleigh, EPA  
B. Garcia, NMED HRMB  
R. Dinwiddie, NMED HRMB  
T. Davis, NMED HRMB  
N. Weber, NMED DOE OB  
LANL 96 File



**ATTACHMENT A**  
**Request for Additional Information**  
**RFI Report for TA-50**  
**Los Alamos National Laboratory**

This RFI Report included information on the following solid waste management units (SWMUs): 50-006(a and c), 50-007 and 50-008.

1. Elevated concentrations of beryllium, chromium and nickel were found to be associated with samples collected at a pipe rack. The area is currently in use and it is unclear which SWMU this is associated with. If the rack is not currently associated with a SWMU then it is recommended that the area be given a new designation and added to the permit.
2. In addition, a review of the sampling information presented for beryllium related to SWMUs 56-006(c), 50-007 and 50-008, indicates that the calculated upper tolerance limit (UTL) is too high for this metal. The highest value for beryllium was 1.1 mg/kg which should probably be the UTL for TA-50. Using the facility-wide value for this metal does not appear appropriate, and a site-specific value should be used.
3. Further characterization of Ten Site Canyon is recommended, as well as, removal of the hummock area in Ten Site Canyon which contained high levels of radionuclides and polychlorinated biphenyls.
4. LANL shall summarize all deviations from the approved Workplan.