



U.S. Department of Energy
Los Alamos Area Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
505-667-7203/FAX 505-665-4504



Date: April 21, 1999
Refer to: EM/ER:99-093

Dr. Robert S. Dinwiddie
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

**SUBJECT: IDENTIFICATION OF AOC AT TA-33 ASSOCIATED WITH PRSs
33-007(b), 33-010(c), AND C-33-003**

Dear Dr. Dinwiddie:

The Los Alamos National Laboratory Environmental Restoration (ER) Project would like thank you and your staff for taking the time to meet with ER Project staff on April 8, 1999, to discuss the Voluntary Corrective Action (VCA) activities at Technical Area 33. The VCA is associated with Potential Release Sites (PRSs) 33-007(b), 33-010(c), and C-33-003. PRSs 33-007(b) and 33-010(c) are listed on Table A of the Hazardous and Solid Waste Amendments (HSWA) Module of the Laboratory's Hazardous Waste Facility Permit. The ER Project plans to remediate the uranium-contaminated material from all three of these PRSs using the Segmented Gate System (SGS) technology, which involves assaying and sorting uranium-contaminated components. Per your recommendation, the ER Project is designating the area encompassing these PRSs as an Area of Contamination (AOC) so materials can be consolidated and segregated within the AOC without being considered newly generated. The AOC is shown on the enclosed map.

A brief summary of the site-specific activities associated with the SGS process is provided below:

- The SGS plant will be situated within the boundary of PRS 33-007(b).
- Soil and debris (material) will be transported from PRS C-33-003 to the plant.
- Material will be processed through a screen plant to separate soil and debris.
- Soil will be evenly distributed on a conveyor belt that will pass under two banks of radiation detectors that will map the contamination and separate material containing radioactivity (above 50 pCi/g).
- Debris will be screened for radioactivity and disposed or recycled, as appropriate.
- Soil containing radioactivity above 50 pCi/g will be disposed while soil below the release limit will be returned to its location of origin.
- Once PRS C-33-007 is remediated, material will be transported from PRS 33-010(c) and processed through the SGS. Once remediation is complete for PRS 33-010(c), remediation will begin at PRS 33-007(b) (where the plant is located).



Tc

April 21, 1999

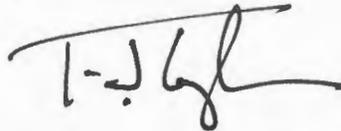
Again, thank you for the opportunity to continue to work with you and your staff toward an expeditious completion of ER Project activities. If you have any questions, please feel free to call Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,



Julie A. Canepa, Program Manager
LANL/ER Project

Sincerely,



Theodore J. Taylor, Program Manager
DOE/LAAO

Enclosure: Map of AOC

JC/TT/VR/gt

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