

TA 55



**Environmental Stewardship Division Office
Solid Waste Regulatory Compliance**

PO Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
505-665-9527 / Fax 505-667-5224

Date: September 06, 2005
Refer To: ENV-SWRC: 05-062

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

Dear Mr. Kieling:

Re: Notification - Technical Area (TA) 55, Container Storage Units (CSUs), Outside Pad, and PF-4-B05, Los Alamos National Laboratory, EPA ID NM0890010515

The purpose of this letter is to provide a courtesy notification regarding two structural modifications within two existing Resource Conservation and Recovery Act (RCRA) interim status waste management units at Los Alamos National Laboratory (LANL). The affected CSUs are the TA-55 container storage pad and PF-4-B05. The container storage pad is located northwest of TA-55-PF4 and B05 is located within the TA-55-PF4 basement.

Modification to the container storage pad involves the replacement of existing curbing and the installation of a concrete or asphalt ramp measuring 12 feet by 3 feet to eliminate potential surface water run-on or liquids from a diesel tanker truck spill associated with non-CSU activities. Attached are drawings associated with the ramp installation and related curbing along with photographs of the location where the ramp installation will occur. The drawings and photographs illustrate existing curbing and run-on controls on the eastern side of the container storage pad. This current curbing, will be removed and replaced with higher curbing and a ramp to further prevent run-on to the container storage pad. Ground breaking for this activity is scheduled for September 6, 2005.

Operating records indicate no evidence of any spills ever occurring at the container storage pad and there are also no visual asphalt stains. Some asphalt will be removed for the ramp installation; however, there will be no soil removal. The asphalt slated for removal has been surveyed for the presence of radioactive activity and no activity above background was detected.

The structural modification related to the B05 CSU, involved the placement of welded wire mesh panels forming a wire cage around this CSU. The installation of the cage has already occurred and the modification did not increase the storage capacity of the unit. This CSU will store nuclear material, transuranic (TRU) waste, and mixed TRU waste. The cage was installed to provide additional access controls and security for the nuclear material. Copies of a map showing the PF-4-B05 CSU location as well as a photograph of B05 have been provided previously in the Los Alamos National Laboratory's General Part A Permit Application, Revision 4.0, dated December 2004.

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If you or your staff needs additional information or has any questions, please feel free to contact Jeff Carmichael of my staff at 505-665-2505.

Sincerely,



Anthony R. Grieggs
Group Leader
Solid Waste Regulatory Compliance Group
Environmental Stewardship Division
Los Alamos National Laboratory

Enclosures: Structural Maps, Outside Pad Photographs

cc w/ enclosures:

Kathryn Lynnes
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

cc w/o enclosures:

James P. Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
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J. A. Carmichael, ENV-SWRC, MS E501
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E. T. Louderbough, LANL, LC-GL, MS A187
T. E. Ricketts, NMT-4, MS E513
G. E. Turner, DOE/LASO, MS A316
S. L. Yarbrow, NMT-DO, MS E500

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 John Keeling
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 2905 Rodeo Park Drive East,
 Building 1
 Santa Fe NM 87505-6303

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 (Transfer from 94401C-05-062)

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