

TA54

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From: Gian Bacigalupa [mailto:gian@lanl.gov]
Sent: Friday, July 11, 2008 2:41 PM
To: Pullen, Steve, NMENV
Cc: jee@lanl.gov; dvc@lanl.gov; smparis@lanl.gov
Subject: Re: Retrievable TRU Information

Steve,

This email is in response to your request for operating dates regarding the units containing retrievable transuranic waste at LANL TA-54, Area G. The operating dates for most of the units are contained in several documents that have been previously submitted to NMED.

Retrievable TRU waste stored in these units is generally similar to the waste streams retrieved under the TWISP. These are waste with a radioactive component and, in some cases, a hazardous component, making them mixed. The authorization date for mixed waste in New Mexico was July 25, 1990, and the previous placement/management of the waste predates this timeframe. Therefore, the units were not included in the January 1991 LANL Part A Permit Application for Mixed Waste as the units were inactive before the authorization date.

As we discussed on the telephone, a general description of the units was included in Section 4 of the Los Alamos National Laboratory Technical Area 54 Part B Permit Renewal Application, Revision 3.0, June 2003, LA-UR-03-3579 in the consolidated SWMU 54-013(b)-99 discussion. These units included Pit 9 (54-014(b)), Shafts 200-233 (54-014(c)), trenches A-D (54-014(d)), and cement filled corrugated pipe above Pit 29 (54-015(k)). The text included general descriptions and some operating dates.

The most recent document with operating dates was submitted to your office by the LANL corrective action program. These were in tables included with the Investigation Report for Material Disposal Area G Consolidated Unit 54-013(b)-99 at Technical Area 54, September 2005, LA-UR-05-6398:

Pit 9 operated from 1974 to 1979 (page 53, Table 2.1-1).

Shafts 200-232 operated from 1978 to 1987 (page 60, Table 2.1-3).

Trenches A-B operated from 1974 to 1976 (page 55, Table 2.1-2).

The description of Pit 29 includes a description of the cement ("TRU cement paste (recoverable)") and operations at the pit were from 1984 to 1986 (page 54, Table 2.1-1).

As you can see from the tables, Trenches C and D and Shaft 233 carry a "na" notation for "no information available." It is my understanding that the corrective action program had done an extensive review of the historical waste management logbooks to provide this information. I have also received a draft version of the CME for MDA G to be



submitted to the NMED-HWB and the tables have not changed (i.e., no additional information). It is likely that the general operating dates for the units were the same as for the others in each category based on their proximity and operating project similarities. I can continue to try to find whether any further information exists if you feel this is necessary.

I hope this information is of help. If you have any further questions, please contact me.

Gian Bacigalupa
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