



Department of Energy
Field Office, Albuquerque
Los Alamos Area Office
Los Alamos, New Mexico 87544

10.12.92

LANL



CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Tom Tatkin
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
525 Camino de Los Marquez Place
Santa Fe, New Mexico 87504

Dear Mr. Tatkin:

Pursuant to your request, this letter transmits the quantities of hazardous and mixed waste handled annually in individual open burning/open detonation (OB/OD) units at the Los Alamos National Laboratory (Laboratory). The enclosed list is intended to satisfy your data management system needs. A revised Part A application for those OB/OD units that handle hazardous waste will be provided as a separate submittal.

As you have been informed, the November 1988 revision of the Resource Conservation and Recovery Act Part A permit application did not contain waste quantities for each specific hazardous waste unit and did not identify mixed waste units. Unit-specific quantities of waste were not included because only design capacity for each unit was required, not the amount of waste treated annually. Mixed waste units were not included in the application because the New Mexico Environment Department had not yet been delegated authority for mixed waste by the Environmental Protection Agency. These units were included in the Mixed Waste Part A application submitted January 25, 1991. The estimated annual quantities of waste associated with these units have been provided on the enclosed table for your information.

Although you requested this information be reported in gallons, we believe this type of waste is most appropriately reported in pounds. Therefore, the waste at each site has been identified in both pounds and gallons. Please note however, our concern that the use of a conversion factor for translating pounds into gallons may allow approximation errors of as much as 50% to occur due to differences in density.



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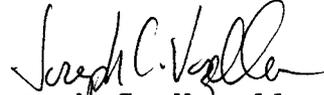
Mr. Tom Tatkin

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To ensure that both annual quantities and design capacities in the Part A application are accurate, and to reduce any confusion that may exist with units other than those used for OB/OD, a revised Part A application including only the OB/OD units will be provided in a subsequent submittal.

I hope that the information provided meets your needs. If you should have any questions regarding this issue, please contact Mr. Jon Mack of my staff at 665-5026.

Sincerely,



Joseph C. Vozella, Acting Chief
Environment, Safety and Health
Branch

4JM-020

Enclosure

cc w/enclosure:

T. Gunderson, EM-DO, LANL, MS K491

J. White, LANL, EM-8, MS K490

**ESTIMATED ANNUAL QUANTITIES OF WASTE TREATED AT OPEN BURNING (OB)
OPEN DETONATION (OD) SITES**

| <u>SITE</u> | <u>MIXED WASTE</u> | <u>HAZARDOUS WASTE</u> |
|--|---|-------------------------------|
| TA-15 Phermex OD | 5,800 pounds (lbs.) (580 gallons (gal.)) | 500 lbs. (50 gal.) |
| TA-36 Minie OD | 30,000 lbs. 3,000 gal.) | 6,000 lbs. (600 gal.) |
| TA-14 Q-site OD | | 500 lbs. (50 gal.) |
| OB | | 3,700 lbs. (370 gal.) |
| TA-39 OD 2 sites: Point 6 | | 500 lbs. (50 gal.) |
| Point 57 | | 500 lbs. (50 gal.) |
| TA-16 OB | | 60,000 lbs. (6,000 gal.) |