September 17, 1988

Mr. Michael Horan
P. O. Box 2262
Taos, NM 87571

Dear Mr. Horan:

As you requested, I enclose a copy of the Toxic Emissions Inventory Form, which was sent on a voluntary basis by Los Alamos National Laboratory to the Environmental Protection Agency. As you may know, the Laboratory is not required under Section 313 of the Emergency Planning and Community Right to Know Act of 1986 to submit such a report since it is not a manufacturer. Officials there decided to file the inventory form as a matter of public interest.

This copy is being sent to you with the action that the data it contains are not interpreted, and ought to be reviewed with care. Risk analysis is a relatively new field; you are advised to draw inferences with great objectivity.

I have included a copy of a pamphlet explaining Section 313 of Title III. No radioactive substances are subject to its provisions.

Sincerely,

SAMUEL LARCOMBE
Title III Program Chief

SL:ma

Enclosure
3 Oct., 1988 Comment by M. Horan, Taos, NM

DOE advised they only storing Nitric Acid in threshold quantities sufficient to trigger SARA Title IV report.

(U.S. Environmental Protection Agency)

EPA TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313, Title III of The Superfund Amendments and Reauthorization Act of 1986

PART I. FACILITY IDENTIFICATION INFORMATION

1.1 Does this report contain trade secret information?

☐ Yes (Answer 1.2) ☑ No (Do not answer 1.2)

1.2 Is this a sanitized copy?

☐ Yes☐ No

1.3 Reporting Year

1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Harold E. Valencia, Area Manager

Date signed: JUN 30 1988

3. FACILITY IDENTIFICATION

Facility or Establishment Name

Los Alamos National Laboratory

Street Address

Los Alamos Area Office

City

Los Alamos

County

Los Alamos

State

New Mexico

Zip Code

87115

3.2 Telephone Number (Include area code)

(505) 665-1721

3.3 Technical Contact

Steven G. McLin

3.4 Public Contact

Donald K. Winston

3.5 Business Contact

MCI

Fax

N/A

3.6 Telephone Number (Include area code)

(505) 667-6211

3.7 EPA Identification Number (Eg. CERCLA No.)

NM-1012813515

3.8 NPDES Permit Number(s)

N/A

3.9 Name of Receiving Stream(s) or Water Body(s)


b. Los Alamos Canyon, Canada del Buey, Mortandad Canyon, Ancho Canyon, Valle Canyon.

c. Two-Mile Canyon, Chaquehui Canyon, Potrillo Canyon.

3.11 Underground Injection Well Code (UIC) Identification No.

N/A

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company

U.S. Department of Energy

4.2 Parent Company's Dun & Bradstreet No.

N/A

EPA Form 9350-1 (1-88)
**EPA FORM R**

**PART III. CHEMICAL SPECIFIC INFORMATION**

### CHEMICAL IDENTITY

1. **Trade Secret** (Provide a generic name in 1.2 below. Attach substantiation form to this submission.)
2. **CAS #**
   
4. **Chemical or Chemical Category Name**
   
   Nitric Acid

### MIXTURE COMPONENT IDENTITY

(Do not complete this section if you have completed Section I.)

**Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation)).**

### ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY

(Click all that apply.)

1. **Manufacture**:
   - a. Produce
   - b. Import
   - c. For on-site use/processing
   - d. For sale/distribution
   - e. As a byproduct
   - f. As an impurity

2. **Process**:
   - a. As a reactant
   - b. As a formulation component
   - c. As an article component
   - d. Repackaging only

3. **Otherwise Used**:
   - a. As a chemical processing aid
   - b. As a manufacturing aid
   - c. Ancillary or other use

### MAXIMUM AMOUNT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR

(enter code)

### RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

You may report releases of less than 500 lbs. by checking ranges under A.1.

<table>
<thead>
<tr>
<th>A. Total Release (lbs/yr)</th>
<th>B. Basis of Estimate (enter code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Fugitive or non-point air emissions</td>
<td>5.1a</td>
</tr>
<tr>
<td>2 Stack or point air emissions</td>
<td>5.2a</td>
</tr>
<tr>
<td>3 Discharges to water</td>
<td>5.3.1</td>
</tr>
<tr>
<td>[Enter letter code from Part I Section 3.10 for stream(s).]</td>
<td>5.3.2</td>
</tr>
<tr>
<td>4 Underground injection</td>
<td>5.4a</td>
</tr>
<tr>
<td>5 Releases to land</td>
<td>5.5.1a</td>
</tr>
<tr>
<td>5.5.1</td>
<td>(enter code)</td>
</tr>
<tr>
<td>5.5.2</td>
<td>(enter code)</td>
</tr>
<tr>
<td>5.5.3</td>
<td>(enter code)</td>
</tr>
</tbody>
</table>

(Click if additional information is provided on Part IV-Supplemental Information.)
### EPA FORM R, Part III (Continued)

#### TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 lbs. by checking ranges under A.1.

<table>
<thead>
<tr>
<th>A. Total Transfers (lbs/yr)</th>
<th>A.2 Enter Estimate</th>
<th>B. Basis of Estimate (enter code)</th>
<th>C. Type of Treatment/Disposal (enter code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reporting Ranges</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-499</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500-999</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6.1 Discharge to POTW

6.2 Other off-site location

6.3 Other off-site location

6.4 Other off-site location

☐ (Check if additional information is provided on Part IV-Supplemental Information)

#### 7. WASTE TREATMENT METHODS AND EFFICIENCY

<table>
<thead>
<tr>
<th>A. General Wastestream (enter code)</th>
<th>B. Treatment Method (enter code)</th>
<th>C. Range of Influent Concentration (enter code)</th>
<th>D. Sequential Treatment? (check if applicable)</th>
<th>E. Treatment Efficiency Estimate</th>
<th>F. Based on Operating Data? Yes No</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.1a</td>
<td>7.1b</td>
<td>7.1c 2</td>
<td>7.1d</td>
<td>7.1e 0 %</td>
<td>7.1f X</td>
</tr>
<tr>
<td>7.2a</td>
<td>7.2b</td>
<td>7.2c 1</td>
<td>7.2d</td>
<td>7.2e 100 %</td>
<td>7.2f X</td>
</tr>
<tr>
<td>7.3a</td>
<td>7.3b</td>
<td>7.3c 5</td>
<td>7.3d</td>
<td>7.3e 100 %</td>
<td>7.3f X</td>
</tr>
<tr>
<td>7.4a</td>
<td>7.4b</td>
<td>7.4c</td>
<td>7.4d</td>
<td>7.4e %</td>
<td>7.4f</td>
</tr>
<tr>
<td>7.5a</td>
<td>7.5b</td>
<td>7.5c</td>
<td>7.5d</td>
<td>7.5e %</td>
<td>7.5f</td>
</tr>
<tr>
<td>7.6a</td>
<td>7.6b</td>
<td>7.6c</td>
<td>7.6d</td>
<td>7.6e %</td>
<td>7.6f</td>
</tr>
<tr>
<td>7.7a</td>
<td>7.7b</td>
<td>7.7c</td>
<td>7.7d</td>
<td>7.7e %</td>
<td>7.7f</td>
</tr>
<tr>
<td>7.8a</td>
<td>7.8b</td>
<td>7.8c</td>
<td>7.8d</td>
<td>7.8e %</td>
<td>7.8f</td>
</tr>
<tr>
<td>7.9a</td>
<td>7.9b</td>
<td>7.9c</td>
<td>7.9d</td>
<td>7.9e %</td>
<td>7.9f</td>
</tr>
<tr>
<td>7.10a</td>
<td>7.10b</td>
<td>7.10c</td>
<td>7.10d</td>
<td>7.10e %</td>
<td>7.10f</td>
</tr>
<tr>
<td>7.11a</td>
<td>7.11b</td>
<td>7.11c</td>
<td>7.11d</td>
<td>7.11e %</td>
<td>7.11f</td>
</tr>
<tr>
<td>7.12a</td>
<td>7.12b</td>
<td>7.12c</td>
<td>7.12d</td>
<td>7.12e %</td>
<td>7.12f</td>
</tr>
<tr>
<td>7.13a</td>
<td>7.13b</td>
<td>7.13c</td>
<td>7.13d</td>
<td>7.13e %</td>
<td>7.13f</td>
</tr>
<tr>
<td>7.14a</td>
<td>7.14b</td>
<td>7.14c</td>
<td>7.14d</td>
<td>7.14e %</td>
<td>7.14f</td>
</tr>
</tbody>
</table>

☐ (Check if additional information is provided on Part IV-Supplemental Information)

#### 8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

<table>
<thead>
<tr>
<th>A. Type of modification (enter code)</th>
<th>B. Quantity of the chemical in the wastestream prior to treatment/disposal</th>
<th>C. Index</th>
<th>D. Reason for action (enter code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current reporting year (lbs/yr)</td>
<td>Prior year (lbs/yr)</td>
<td>Or percent change</td>
<td></td>
</tr>
</tbody>
</table>

*Form 9350-1(1-88)*