

# Los Alamos National Laboratory

Waste Management Program

Environmental Science and Waste Technology Division

P.O. Box 1663, Mail Stop J591

Los Alamos, New Mexico 87545

(505) 665-8293 / FAX: (505) 665-6727

Date: September 6, 2000

Refer to: E/WM:00-019

## CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Dr. Robert (Stu) Dinwiddie  
RCRA Advisor  
Hazardous and Radioactive Materials Bureau  
New Mexico Environment Department  
P.O. Box 26110  
Santa Fe, New Mexico 87502



**SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT, ACTIVITY 3.1.5 (B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Dr. Dinwiddie:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.5 (B) in the Compliance Plan Volume (CPV) of the STP requires that, "*(w)ithin 45 days of receipt of waste at treatment facility or within 45 days after completion of parallel option,*" DOE and the University "*(p)rovide documentation to NMED that waste was received at off-site facility or provide notification of parallel option.*" This letter follows the requirements of Section XX of the October 4, 1995, FFCO, issued to the Department of Energy (DOE) and the University of California (UC).

A shipment that included STP covered wastes listed in Section 3.1.5 of the CPV was initiated on August 1, 2000 and completed on August 4, 2000. One item included in the shipment was proposed for addition to the STP in Revision 10. Wastes were sent for treatment to the GTS Duratek facility in located in Kingston, Tennessee. The total amount of STP waste shipped is 0.7 cubic meters. The STP waste shipped is described in the following table.



2018

Red  
LANL  
FFCO/lanl

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m <sup>3</sup> )
3.1.5	LA-W922	<i>Non-combustible Debris</i>	0.70
Proposed 3.1.5	Proposed LA-W922	<i>Proposed Non-combustible Debris</i>	0.0002
<b>TOTAL</b>			<b>0.70</b>

Documentation that waste was received at WCS is enclosed. Also included as Enclosure B is a Certification Statement. These documents were prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO.

Please feel free to contact me at (505) 665-0714 if you have any questions.

Sincerely,



Beverly Martin  
 STP Project Manager  
 Environmental Science and Waste Technology Division  
 Los Alamos National Laboratory

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief  
 Hazardous and Radioactive Materials Bureau  
 New Mexico Environment Department  
 P.O. Box 26110  
 Santa Fe, New Mexico 87502

**ENCLOSURE B  
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT  
ACTIVITY 3.1.5 (B)  
SITE TREATMENT PLAN (STP),  
LOS ALAMOS NATIONAL LABORATORY (LANL)**

I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.

Beverly Martin  
Beverly Martin  
STP Project Manager  
Environmental Science and Waste Technology Division  
Los Alamos National Laboratory  
Operator

9/6/00  
Date Signed

\_\_\_\_\_  
James G. Nunz  
Waste Management Program Manager  
Los Alamos Area Office  
U.S. Department of Energy  
Albuquerque Operations  
Owner/Operator

\_\_\_\_\_  
Date Signed



Friday, August 4, 2000

Troy Eshleman  
Los Alamos National Labs  
190 Central Park Square, Suite #305  
Los Alamos, NM 87544

Dear Mr Eshleman:

In compliance with the requirements of 10 CFR 20, Appendix G, Section III, C.1, the attached signed shipping manifest copies are your notice of receipt and acceptance of the radioactive waste materials specified on the manifests.

Manifest Number

1777-20659

Date Received

08/04/2000

This is acknowledgement of receipt only. Any manifest discrepancies found during manifest review, unloading or processing will be listed on page 2 of this letter.

Thank you for your business.

Sincerely,

Shipping and Receiving

cc: Manifest File  
Shipping and Receiving file



**Manifest Discrepancies**

none

505 665 6727: # 4 / 4

CST-17-

9-5-0 12:20PM

SENT BY:LANL

**FORM 640**  
**UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER**

**GTS DURATEK**

5. SHIPPER - NAME AND FACILITY  
 Los Alamos National Laboratory  
 PO Box 1609  
 Los Alamos, NM 87545

SHIPMENT I.D. NUMBER  
 COLLECTOR  
 PROCESSOR  
 GENERATOR TYPE (Specify) G

7. FORM 640 AND 640A PAGE 1 OF 1 PAGE  
 FORM 641 AND 641A PAGE 1  
 FORM 642 AND 642A PAGE 1  
 ADDITIONAL INFORMATION

1. EMERGENCY TELEPHONE NUMBER (800)887-9211 (Include Area Code)

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?  
 YES  
 NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST  
 1

6. CARRIER - Name and Address  
 (Minimum Transportation Service)  
 1900 River Creek Road  
 Oak Ridge, TN 37806  
 Truck & Trailer

8. GENERATOR - Name and Facility Address  
 GTS Duratek  
 Bear Creek Operations  
 1404 Bear Creek Road  
 Oak Ridge, TN 37824  
 Gahner Road  
 628 Gahner Road  
 Kingston, TN 37761

SIGNATURE - Authorized generator (including waste fee)  
 Danielle Anderson  
 2/20/59

18. CERTIFICATE  
 This is to certify that the licensed materials are properly classed in proper condition for transportation according to the applicable regulations that the materials are classified, packaged, marked, and to be disposed as described in accordance with the requirements of 10 CFR

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number, and any additional information)

12. DOT LABEL "RADIOACTIVE"

13. TRANSPORT INDEX

14. PHYSICAL AND CHEMICAL FORM

15. RADICAL RADIONUCLIDES

16. TOTAL PACKAGE ACTIVITY (mCi)

17. LEAKAGE CLASS

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. RADICAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (mCi)	17. LEAKAGE CLASS
Batteries, Wet, Flood Cells Acid, A, UN279A, PGII (Hazard for Receipt 49CFR 171.14c(2))	HA	NA	Solid ORDS	H-3	1.207E+02	L-600E-04
Non-Regulated Waste, Solid (Hazard for Receipt 49CFR 171.14c(2))	NA	NA	Solid ORDS	U-238	4.6884E-02	L-601E-03
Radioactive Material, M.O.S. 7, UN2918 (Fissile Grouped, HL, P-223, 1.7E+04-01 TBq)	White - 1	0	Solid Shipment	R-3	2.7201E+00	L-600E-01

FOR CONSIGNEE USE ONLY

19. TENNESSEE LICENSE FOR DELIVERY NO \_\_\_\_\_

20. SOUTH CAROLINA TRANSPORT PERMIT NO \_\_\_\_\_

21. US ECOLOGY GENERATOR NO \_\_\_\_\_

22. US ECOLOGY PERMIT NO \_\_\_\_\_

23. GENERATOR CERTIFICATION STATEMENT

A) Radioactive Materials: Certification is hereby made to GTS Duratek, Inc. that the shipment of low-level radioactive materials/waste has met radioactive waste management program which has been approved by the Nuclear Regulatory Commission or an Agreed State or the current version of the GTS Duratek Material Acceptance Criteria.

B) Hazardous Materials: Generator hereby certifies that the material does not contain a hazardous waste as defined in 40 CFR 261.

C) Date: Generator hereby represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) respects and in accordance with all applicable governmental laws, rules, regulations and GTS Duratek, State of Tennessee Radioactive

Print Name \_\_\_\_\_ Signature \_\_\_\_\_

FORM 640 (11-95)

FOR INFORMATION ONLY