

RECEIVED  
REGION 1

*Docket No. 99990001/  
2004004*

'04 SEP -2 P 1:14

MEMO TO: Terry Derstine, PA BRP

DATE: Aug. 26, 2004

FROM: S.W. Porter, Jr. , C.H.P.

SUB.: BRP Case# PA 04-110 , 5/25/04.

RE : 4.875 mCi Am-241 static eliminator bar found at the Forge Transfer Station on 5/25/04.

ATT.: 1.) PCI Form 30 for 4.875 Am-241 Source, 5/25/04.  
2.) Shippers Declaration for Dangerous Goods

→ CC: Jim Schmidt, USNRC Region I.

A) With a great deal of help from Jim Schmidt, we obtained permission to return the Am-241 Source to it's mfg.: NRD at Grand Island, NY.

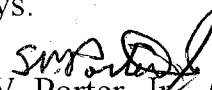
B) On Aug. 25, 2004, S.W.Porter , C.H.P., drove to the Forge Transfer Station Site to pickup the Americum - 241 static eliminator bar. The Am-241 bar was packaged in a special shipping container, which was labeled as a Radioactive II ( 181 MBq of Am-241 , Transportation Index 0.1) , and then given another special label: "U.S. DEPT of Transportation 7A, TYPE A, Special Form, NON FISSILE , UN 3332". Another special label was also added: "DANGER - - Do Not Load in Passenger Aircraft".

A-SHIPPER'S DECLARATION FOR DANGEROUS GOODS was completed, as well as an Airborne Express DANGEROUS GOODS label.

A Radioactive Materials GUIDE 164 was also attached as required.

**RESULTS: The RAM was returned on Aug. 26, 2004, via Cargo Aircraft, to the mfg : NRD at 2937 Alt Blvd., Grand Island, NY 14072.**

C) Please contact me if you have any questions. I will contact you if I do not receive verification of receipt of RAM within 10 days.

  
S.W. Porter, Jr. CHP

**PORTER CONSULTANTS, INC.**  
 125 ARGYLE ROAD  
 ARDMORE, PA 19003  
 (610) 896-5353

ORIGIN AIRBILL NUMBER  
**1484758785**

**AIRBORNE EXPRESS**

EXECUTIVE OFFICES  
 P.O. BOX 662  
 SEATTLE, WA 98111-0662



**USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL UNITED STATES ONLY.**

ABSENT A HIGHER SHIPMENT VALUATION, CARRIER'S LIABILITY IS LIMITED TO \$100 PER PACKAGE, OR ACTUAL VALUE, WHICHEVER IS LESS. SPECIAL OR CONSEQUENTIAL DAMAGES ARE NOT RECOVERABLE, SEE TERMS AND CONDITIONS ON REVERSE SIDE OF THIS NON-NEGOTIABLE AIRBILL.

SCAC-AIRB FED I.D. NO. 91-0837469

CUSTOMER AIRBORNE EXPRESS ACCOUNT NUMBERS

SENDER  
 RECEIVER

METHOD OF PAYMENT (ASSUMED SENDER UNLESS OTHERWISE NOTED)

BILL SENDER  BILL RECEIVER  
 Airborne Account No.

BILL 3RD PARTY

PAID IN ADVANCE  
 Check No. **1588** Amount **\$37.58**

BILLING REFERENCE (WILL APPEAR ON INVOICE)  
**AE-04-1**

No. of Pkgs. **1** WEIGHT (LBS) **2**  
 SUBJECT TO CORRECTION

SPECIAL INSTRUCTIONS

SATURDAY DELIVERY  HOLD AT AIRBORNE EXPRESS  SECOND DAY

SHIPMENT VALUATION  
 DECLARED VALUE OR  ASSET PROTECTION  
**\$100.**

SENT BY: (NAME/DEPT.) PHONE  
**S.W. PORTER, JR.**

TO (COMPANY NAME)  
**NRD LLC**

ADDRESS  
**2937 ALT BLVD N**

CITY STATE ZIP CODE (REQUIRED)  
**GRAND ISLAND NY 14072**

SENT BY: (NAME/DEPT.) PHONE  
**716-773-7634**

**Dangerous Goods as per attached Shipper's Declaration**

SENDER SIGNATURE DATE PREPRINT FORMAT NO.  
**S.W. Porter 8/26/04 100947352**

AIRBORNE SIGNATURE DATE TIME ROUTE  
**Porter 8/26 1309 260**



Porter Consultants, Inc.  
 125 Argyle Rd.  
 Ardmore, PA 19003

610-896-5353

PCI-FORM-30A TM

Revision 1

August 6, 2002

Record of Detected RADIOACTIVE MATERIAL *Inv. # 2163*

Radiation Survey Form for Waste Processing or Disposal Facilities

(1.) Customer Name: *Waste Mgt. of Forge Transfer Station*  
 (2.) Customer Address: *5245 Bleigh Ave. # 24 Hanger Blvd. Phil. Pa 19036*  
 (3.) Installation Location: *Forge*  
 (4.) Date & Time of alarm: *returned from Groves on Fri.*  
 (5.) Was Alarm Verified by a 2nd Pass by Detectors? *YES*  
 (6.) Installation Supervisor: *Mike La Col*  
 (7.) Telephone #: *215-335-0350*

(8.) Survey Meter Manufacturer + Model No: *Fluke Model 19 uR Meter* Serial No: *77635* Calibration Date: *7/15/03*  
 (9.) Gamma Spectrometer: *EG GR130 1274* 5/25/04  
 (10.) Person Contacted in PA BRP: *Terry Weinstein* Date this form sent to BRP: *PA 04 110*  
 (11.) Type of Tank / Trailer: *MOON's Mobile Fleet # 022* (12.) Owner of Radioactive Load: *Refer to # 21 below.*  
 (13.) ORIGIN / DESCRIPTION of Radioactive Material: *See Comments below*  
 (14.) Vehicle Driver's Name: *N.A.* (15.) Was RAM Separated from load? *Yes - static eliminator*  
 (16.) Identification of Radionuclide: *Am-241 by spec*

(17.) ACTION LEVEL TWO Reached? *NO*  
 (>2mR/hr in cab OR >50mR/hr Or ># 27)  
 (18.) FINAL DISPOSITION of RAM: *Locked in office closet at the Forge Transfer Station Office.*

(19.) Survey Location (key to drawing)	(20.) Dose Rate (uR/hr)	(21.) Comments
A. Cab/ Front	<i>&lt; 10 uR/hr</i>	<i>15" long (continue below if necessary) 1 1/2" x 1 1/2"</i> <i>Nuclestat - Static Eliminator</i> <i>Mfg by NRD Subs of MARK</i> <i>IV Industries, Grand Island, N.Y.</i> <i>for Herbert Products,</i> <i>Westbury, L.I., N.Y.</i> <i>Model A-200?</i> <i>Ser. SA 2901</i> <i>Am-241; 4.875 mCi on 1/89</i> <i>Pat. # 3,818,545</i>
B. Right side	"	
C. Right side	"	
D. Right side	"	
E. Right side	"	
F. Left side	"	
G. Left side	"	
H. Left side	"	
I. Left side	<i>2 10 uR/hr</i>	
J. Rear	<i>&lt; 10 uR/hr</i>	
(23.) # Survey Meter Model + Ser #	(23.) Date last calibrated	(24.) Follow up actions: <i>Awaiting shipping/broker instructions</i>

(25.) Other Findings/Comments: *Shipped back to mfg: NRD Industries on 8/26/04 by S.W. Porter, Jr.*  
 (26.) Signs as required: *5 mR/hr at 7", refer to Shippers Declaration Form.*  
 (27.) > 13,200 d/m/ 600 sq cm? *NO*  
 Removable Contamination Surveys: *Trailer inside, Trailer Door (bottom), deck, instrument, tarp*

(28.) Surveyor: *S.W. Porter, Jr., CHP*  
 (29.) Signature: *S.W. Porter, Jr.*  
 (30.) Date of Survey: *5/25/04*

*Nuclestat Amstat Industries 800-783-9999 847-998-6210* | *Mark IV 716-689-4972 NRD 716-773-7634 x 336*