

Department of Physics and Earth Sciences
Central Connecticut State University
1615 Stanley St.
New Britain, CT 06050

RECRG10812'13AM07:11

August 6, 2013

Br. 2

Ms. Kathy Modes
Sr. Health Physicist
Decommissioning Branch
US NRC Region I DNMS
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

Dear Kathy:

We are requesting that the Plutonium 238 (Sealed neutron source, Monsanto Model 27248) be removed from our License No. 06-16975-01, Docket No. 030-12001.

The Pu-238 source was removed from our facility on 7-03-2013 by Radiac Corporation. A leak test was conducted as required.

NSSI in Houston, Texas received the source on August 5, 2013.

Enclosed are the Bill of Lading, leak test, and the receipt of transfer of the Pu238 to NSSI.

If you need additional information, kindly let me know.

Sincerely,

Luisito Tongson
Luisito L. Tongson
email: tongson@ccsu.edu

581543
NMSS/RGN1 MATERIALS-002

No. C 18468

CHEMICAL WASTE DISPOSAL RECORD

DATE 07/08/13

BLDG. NO. _____

ROOM NO. _____

DEPT. NO. _____

COMPANY/INSTITUTION Central Conn. State University

(CONTAINER CLASSIFICATION)

- 1- ²³⁹ TRANSFER PU-Be Source into
- 2- Approved Container 6-
- 3- Removed 1x Empty Hanvitzger + 1x approved
- 4- Container with source for disposal

TYPE	P/U
5 - Gallon	
30 - Gallon	
55 - Gallon	
Other	

Certification (49 C.F.R. 172.204) signed by shipper on bill of lading: "This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

CUSTOMER REP. L. Tomsen

RRC REP. AA

REMARKS:

See B/L 13092-B

RADIAC RESEARCH CORP.

261 KENT AVENUE
 BROOKLYN, NEW YORK 11249
 718 - 963-2233
 FAX# 718-388-5107

MANIFEST NUMBER(S) _____

CONTROL CARD NUMBER(S) _____

LABELS APPLIED YES
 49 C.F.R. 172.400 NO

PLACARDING APPLIED YES
 IF REQUIRED NO
 49 C.F.R. 172.500

***** CONTAINS HAZARDOUS MATERIALS *****

radiac
RESEARCH CORP.

Non-Negotiable
STRAIGHT BILL OF LADING

NYSDEC: 2A-004 43593 * DOT Reg. No: 051303 009 011LN * NRC License: 31-17528-01

No. 13092-B

261 Kent Avenue
Brooklyn, NY 11249
Phone (800) 640 - 7511
Fax (718) 228 -7029

1 OF 1

Driver:	Truck / Trailer No:	Date:
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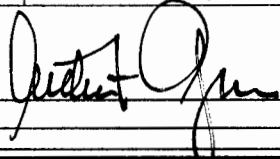
SHIPPER (ORIGIN)		CONSIGNEE (DESTINATION)		NOTES
Name	Central Conn.State University	Name	Radiac Research Corp.	
Street Address	1615 Stanley Street	Street Address	261 Kent Avenue	
City, State	New Britain, CT 06050	City, State	Brooklyn, NY 11249	
Notify/Contact	David Honyotski (860) 832 3068	Notify/Contact	Joseph Spektor (800) 640 7511	

PARTICULARS FURNISHED BY SHIPPER

Units	HM G	Description, Proper Shipping Name	Hazardous Class	UN/NA Number	Packing Group	Weight Lbs.
-1- Metal drum BKEG S-06	<input checked="" type="checkbox"/>	RQ, UN3332, RADIOACTIVE MATERIAL, TYPE A PACKAGE SPECIAL FORM, NON FISSILE (SOLID, OXIDE) [238Pu-Be, SPECIAL FORM, 1x111.0 GBq (3.0 Ci)] Source: Monsanto Model 2724B DOT LABEL: "Radioactive - Yellow II" // TI- 0.08 SPECIAL FORM CERT. USA/0043/S-96 ATTACHED	7	UN3332	NA	~175
-1- Metal Drum	<input checked="" type="checkbox"/>	UN2908, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING (formerly contained Radioactive Material)	7	UN2908	N/A	~250

SECURITY SEAL No. 0053194

SHIPPER'S CERTIFICATIONS	Placards Required: (Furnished by Carrier) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Emergency Response Phone: Chemtrec: (800) 434-9300	ERG No.: 164
	<small>This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation (49 C.F.R. §172.204).</small>		

Signature: 

Special Instruction:

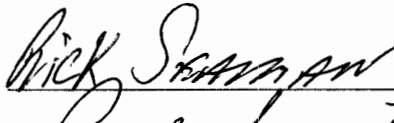
Received in good order, count and condition unless otherwise noted above.

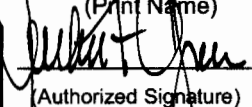
SHIPPER:

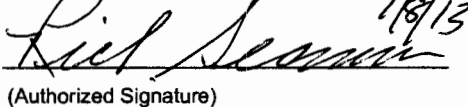
CARRIER: RADIAC RESEARCH CORP.

CONSIGNEE:

ARTHUR E. GREEN for CCSU
(Print Name)


(Print Name)

 7/08/13
(Authorized Signature) (Date)

 7/8/13
(Authorized Signature) (Date)

(Authorized Signature) (Date)

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604)



CoPhysics Corporation
1242 Route 208, Monroe, NY 10950
Telephone: 845-783-4402
www.cophysics.com

CERTIFICATE OF SEALED SOURCE LEAK TEST

Owner of Source: Central Connecticut State University

Date of Test: 03/04/2013 Next Due Date: 09/04/2013

Address: New Britain, Ct.

Owner's License #: N/A

Location of Source: same

Total # of sources in device: 1

Device Manufacturer: JL Shepherd

Nuclide: Pu-239 / Be Nominal Activity: 3 Ci

Device Model#: 179 howitzer

Device Serial#: 8039

Source Model: 2724B

Source Serial #(s):

Leak Test Results: < 0.005 μ Ci

Analysis Method: Liquid Scintillation Counting

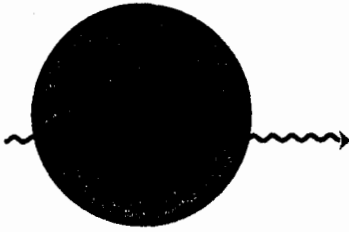
Collected by: Art Green, Radiac Environmental Services, Inc.

CERTIFICATION: The leak test(s) of the above sealed source(s) have been analyzed by instrumentation calibrated to standards traceable to the National Institute of Standards and Technology. The result(s) of the leak test(s) were less than 0.005 μ Ci. The test(s) were performed under New York State Radioactive Materials License #C2691 which expires 7/31/2013.

Analysis By:

Date
3/7/2013

Theodore E. Rahon
Theodore E. Rahon, Ph.D., CHP



NSSI/SOURCES & SERVICES, INC.

P.O. BOX 34042 HOUSTON, TEXAS 77234
PH: (713) 641-0391 www.nssihouston.com FAX: (713) 641-6153

August 5, 2013

Art Green
Radiac Research Corporation
261 Kent Avenue
Brooklyn, NY 11211

TEL 718 963-2233 x207
FAX 718 388-5107

Dear Art:

This is to confirm that NSSI has received the following items from Central Connecticut State University:

1	Pu239 Be neutron source in type A transport container Monsanto mod 2723
1	Empty Neutron Howitzer s/n 8038

The radioactive source has been received and transferred to NSSI Texas license R0-1811.

If you need additional information or clarification, please contact me.

Sincerely,


Robert D. Gallagher
President NSSI

080513a2

This is to acknowledge the receipt of your letter application dated

8/6/13, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (06-16975-01)
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 581543.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader