



CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

American Red Cross
Greater Alleghenies Region
250 Jari Drive
Johnstown, PA 15904-6949

Br. 2

LICENSE NUMBER

37-28730-01

DOCKET NUMBER

03032655

LICENSE EXPIRATION DATE

June 30, 2022

A. LICENSE STATUS (Check the appropriate box)

- This license has expired.
- This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
 - a. Transfer of radioactive materials to the licensee listed below:
Southwest Research Institute, L04958, 6220 Culebra Road, San Antonio, TX 78238 Carlos H. Barberino (210)522-2359
Transferred on Dec. 12, 2017
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:
 - 2. By licensed disposal site:
 - 3. By waste contractor:
 - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

REC:RG1 0531 18AM1023

C. SURVEYS PERFORMED AND REPORTED

- 1. A radiation survey was conducted by the licensee. The survey confirms:
 - a. the absence of licensed radioactive materials
 - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
 - a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
 - a. The results of the latest leak test are attached; and/or
 - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Ronald J. Boerstler	Radiation Safety Officer	(814)262-2800	Ron.Boerstler@redcross.org

Mail all future correspondence regarding this license to:

American Red Cross, Attn Ronald J. Boerstler, 250 Jari Drive, Johnstown, PA 15904-6949

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Ronald J. Boerstler, Radiation Safety Officer		May 30, 2018

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

NRC FORM 748B
(01-2016)
10 CFR 20.2207



U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0202

EXPIRES: 01/31/2019

Estimated burden per response to comply with this mandatory information collection request: 9.5 minutes. NRC requires this information to populate the National Source Tracking System for certain sealed sources. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0202), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

TRANSFER SOURCE NATIONAL SOURCE TRACKING TRANSACTION REPORT

1. LICENSEE INFORMATION

A. LICENSEE NAME RC-Greater Alleghenies Huntington (CIRP)	B. LICENSE NO. 37-28730-01	C. LICENSEE STREET ADDRESS 1111 Veterans Memorial Blvd	D. CITY Huntington	E. STATE WV	F. ZIP CODE 25701
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2. TRANSACTION DATE

3A. TRANSACTION INFORMATION

3B. TRANSACTION TYPE (Check all that apply)

(Only transactions completed on the same date may be reported together on this form) 12/12/2017	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> CORRECTION IF CORRECTION, PREVIOUS TRANSACTION DATE:	<input type="checkbox"/> REPORT SOURCE INVENTORY <input checked="" type="checkbox"/> TRANSFER <input type="checkbox"/> RECEIPT <input type="checkbox"/> DISPOSAL <input type="checkbox"/> NEW SOURCE MANUFACTURED <input type="checkbox"/> IMPORT <input type="checkbox"/> EXPORT <input type="checkbox"/> DISASSEMBLE
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4. PREPARER INFORMATION

A. NAME OF PREPARER Ron Boerstler	B. DATE PREPARED 12/12/2017	C. PREPARER PHONE (814) 262-2800	D. PREPARER E-MAIL (REQUIRED FOR CONFIRMATION) ron.boerstler@redcross.org
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6. SOURCE TRANSFER DATA

A1. RECEIVING LICENSEE NAME Southwest Research Institute	B1. RECEIVING LICENSEE LICENSE NO. L04958	C1. RECEIVING LICENSEE SHIPPING ADDRESS 6220 Culebra Road	D1. CITY San Antonio	E1. STATE TX	F1. ZIP CODE 78238		
G1. SOURCE MAKE MDS Nordion	H1. SOURCE MODEL C-1001	I1. SOURCE SERIAL NUMBER A237	J1. ISOTOPE Cs-137	K1. ACTIVITY AND UNIT 3.741E2 Ci	L1. ACTIVITY DATE 9/28/2017	M1. WASTE MANIFEST NO. (For waste shipments only)	N1. CONTAINER ID (For waste shipments only)
O1. ESTIMATED ARRIVAL DATE 12/14/2017	P1. COMMENTS Source contained in an MDS Nordion GC1000, SN 289						

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SELF-CONTAINED IRRADIATORS, ROUTINE CONTAMINATION TEST REPORT / LEAK TEST CERTIFICATE

413 March Road, Ottawa, Ontario, Canada, K2K 0K4. Telephone: (613) 591-2100 Fax: (613) 591-6627

Best Theratronics Project #: 55278
Licensee Information: Licensee's Name: AMERICAN RED CROSS
Licensee's Location: HUNTINGTON, WV
Site License Number and Expiry Date (Canada):
Contact Name and Phone Number: RON BOERSTLER 304-526-2968

Survey Meter Make and Model: LUDLUM 14C
Survey Meter S.N.: RSM-110 Pancake Probe S.N.: A0278149 Calibration Expiry Date: 2018-05-10

Irradiator Type and Radiation Source Characteristics: NOTE: Initial relevant boxes
Source and Irradiator Type: 137Cs GC3000 [], GC1000 [x], GC40 [], IBL [], 60Co GC220 []
Unit Serial Number: 289

Wipe Test Details and Measurement Results:
Wipe Test Performed on: 1. [x] SURFACE OF TRANSPORT PACKAGE
2. [x] CATEGORY I & II IRRADIATORS (e.g. GC1000/GC3000/GC40/GC220)
Description of Material Used: Initial One or more: Filter Paper [x], Other: []
Number of Wipes Used: 4
Check all wipes, record the highest reading on this form.

1. SURFACE OF TRANSPORT PACKAGE: OR N/A []

Wipe Test Results:

- [x] Negative. Contamination < 11.9 Bq/cm². No further action is required. Staple plastic bags, containing used wipes, to customer report and leave on site.
[] Positive. Contamination ≥ 11.9 Bq/cm². Follow Procedure 4.01-SE-44, Section 10.

2. CATEGORY I & II IRRADIATORS: OR N/A []

Instrument Conversion Factor: (i) N/A cpm = 5 nCi (185 Bq) for 60Co (Cobalt)
(Taken from the Certificate of Calibration) OR (ii) 1924 cpm = 5 nCi (185 Bq) for 137Cs (Cesium)

Measured Removable Contamination

Background Reading: 45 cpm (A)
Gross Wipe Reading: 45 cpm (B)
Net Wipe Reading: 0 cpm (C) = (B) - (A).

Measured Removable Contamination = (C) 0 cpm / (i or ii) 1924 cpm x 5nCi = 0 nCi

Wipe Test Results:

- [x] Negative Contamination < 5 nCi No further action is required. Staple plastic bags, containing used wipes, to customer report and leave on site.
[] Positive Contamination ≥ 5 nCi Follow Procedure 4.01-SE-44, Section 10.

Wipe Test Performed by and Result Certified by:

(Name) BERT LALONDE (Initial) BL (Signature) Bert Lalonde (Date) 2017-12-12

Service Record

Start Date: (YY/MM/DD) 17-12-12	Finish Date: (YY/MM/DD) 17-12-12	Project #: 55278	Unit & Serial #: 1000 #289
Requested Service: INSTALLATION <input type="checkbox"/> WARRANTY <input type="checkbox"/> PMI <input type="checkbox"/> SERVICE CONTRACT <input type="checkbox"/> REPAIR <input type="checkbox"/> BILLED SERVICE <input checked="" type="checkbox"/> OTHER: <u>REMOVAL</u>		Site Name & Address: AMERICAN RED CROSS 1111 VETERANS MEMORIAL BLVD. HUNTINGTON, WV 25710	
		Contact: RON BOERSTLER	
		Phone: 304-526-2968	
		Email: RON.BOERSTLER@redcross.org	
		Other:	

Service Performed:
 REMOVED GC 1000 #289 FROM ARC
 CONTAMINATION WIPES NEGATIVE
 WHITE I NO TI, CONTACT 0.1 ML/HR
 PLEASE NOTIFY RON BOERSTLER WHEN SHIPMENT ARRIVES AT
 EMAIL ADDRESS ABOVE

Recommendations & Follow-up:
 NONE

Part Number	Description	QTY	U/M	Office Use:

Accepted by (PRINT NAME & SIGNATURE): Ronald J. Boerster <i>Ronald J. Boerster</i>	Agent/Rep. (PRINT NAME & SIGNATURE): BERT LAVONDE <i>Bert Lavonde</i>
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INSTITUTION: AMERICAN RED CROSS DEVICE MODEL: 1000 SERIAL: 289
 OVERPACK MODEL: F431 SERIAL: 004 SALES ORDER: _____
 SERIAL: _____

RECEIPT OF PACKAGE

1. CONDUCT VISUAL INSPECTION PASS FAIL
2. DO RADIATION SURVEY TO VERIFY THAT FIELDS CONFORM TO PACKAGE LABELING:
 - RADIOACTIVE - YELLOW II RADIOACTIVE - YELLOW III EMPTY
 - 0.5-50 mR/hr surface T.I. ≤ 1 50-200 mR/hr surface, T.I. ≤ 10
3. CONDUCT RADIATION SURVEY OF DRIVER'S CAB NIR mr/h (Must be less than 1.6 mr/h)
4. CONDUCT WIPE TEST(S) (as per # 4.01 SE 22) PASS FAIL N/A (EMPTY)

SHIPMENT OF PACKAGE (EMPTY PACKAGE DO ITEMS 4, 14 & 15, LOADED PACKAGE DO ITEMS 5 THROUGH 15)

5. PACKAGE EMPTY
 - PREVIOUS SHIPPING LABELS COVERED, DEFACED OR REMOVED
 - EMPTY LABELS INSTALLED OVER METAL CAUTION - RADIOACTIVE PLATES (2 LABELS REQUIRED)
 - APPLICABLE PROPER SHIPPING NAME AND UN2908 NUMBER LABEL ATTACHED TO PACKAGE OR
 - WIPE TEST OF TRANSPORT PACKAGE CAVITY LESS THAN 4 BQ/CM² - SHIPPED AS EMPTY PACKAGE
6. PACKAGE LOADED ISOTOPE: CS 137 ACTIVITY (S.I. Units) 13.8 Curies 323
789 6
 - PREVIOUS SHIPPING LABELS COVERED, DEFACED OR REMOVED
7. PACKAGE PREPARATION FOR SHIPMENT PROCEDURE:
 - IN/PP 2346 F430 IN/PP 0288 GC1000 IN/OP 0004 J1100
 - IN/PP 0287 GC3000 IN/PP 0137 GC3000 IN/PP 0272 GC40MK3
 - IN/PP 0250 GC1000 IN/PP 1554 F423 GC220 IN/PP 1961 F431
8. CONDUCT VISUAL INSPECTION PASS FAIL
9. CONDUCT WIPE TEST(S) (as per # 4.01-SE-22) PASS FAIL
10. TAGS AND PLATES ATTACHED TO FLASK
 - DANGER TAGS AND WIRE SEALS PLACED ON DOORS DANGER TAG TAPED TO SIDE
 - CAUTION - RADIOACTIVE MATERIAL CONTENT PLATE ATTACHED
11. PLATES ATTACHED TO OVERPACK
 - CAUTION - RADIOACTIVE CNSC CERTIFICATION
12. INFORMATION LABELS AND SECURITY SEAL
 - SHIP TO LABEL SHIPPER'S ADDRESS SECURITY SEAL
13. CONDUCT RADIATION SURVEY Asm-110
 - SURVEY METER MODEL/SERIAL No.: LUDLUM 14C CALIBRATION DUE DATE: 2018-05-10
 - MAXIMUM RADIATION LEVEL ON CONTACT (Specify) 0.1 mR/hr
 - MAXIMUM RADIATION LEVEL AT ONE METER (Specify) NO TI mR/hr

*NOTE: This Measurement is the Transport Index of the package without the mR/hr notation
14. CONDUCT RADIATION SURVEY OF DRIVER'S CAB NIR mr/h (Must be less than 1.6 mr/h)
15. LABELS ATTACHED TO SIDES OF OVERPACK (minimum 2 each)
 - RADIOACTIVE - WHITE I RADIOACTIVE - YELLOW II RADIOACTIVE - YELLOW III
 - PROPER SHIPPING NAME AND UN2916 LABELS ATTACHED TO PACKAGE NEXT TO CATEGORY LABEL
16. LABELS ATTACHED COMPLETE AND ACCURATE
17. CONSIGNEE NOTIFICATION(Logistics) CONSIGNEE NOTIFIED

BERT LAONDE Bert Laonde
 AUTHORIZED BEST THERATRONICS REPRESENTATIVE

2017-12-12
 DATE

Best Theratronics Ltd. 413 March Road Ottawa, ON K2K 0E4
 (613) 591-2100

PEEL

F.B.E. S.S.E.

2462
05:31

15:00

RT 329
ST 8

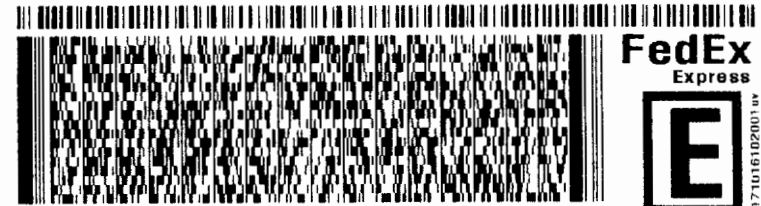
UNITED STATES US

TO **ATTN: DNMS LAT**
NRC REGION 1
2100 RENAISSANCE BLVD, SUITE 100

546C2/7R2B/53

KING OF PRUSSIA PA 19406

REF: 02180640300000674001261



TRK# 7267 3288 2462
0201

THU - 31 MAY 3:00P
STANDARD OVERNIGHT

XB KPDA

19406
PA--US PHL

The World On



For FedEx Express® Shipments Only

Align bottom of **Peel and Stick Airbill** or **Pouch** here.



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee Ronald Boerstler Radiation Safety Officer American Red Cross Blood Services Greater Alleghenies Region 250 Jari Drive Johnstown, Pennsylvania 15904-6949	Date June 6, 2018
	License Number(s) 37-28730-01
	Mail Control Number(s) 608973
	Licensing and/or Technical Reviewer or Branch Commercial, Industrial, R&D, and Academic Branch NRC Form 314

This is to acknowledge receipt of your: Letter and/or Application Dated: May 30, 2018

The initial processing, which included an administrative review, has been performed.
 Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
 Follow the instructions on the form for submission.

The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, (610) 337-5239