

NRC FORM 7  
(6-2006)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

# APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL

(See Instructions on Page 5)

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), 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.

**PART A. FOR NRC USE ONLY**
☐ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED

9-19-07

LICENSE NUMBER

CBP91

DOCKET NUMBER

ADAMS ACCESSION NUMBER

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

**1. NAME AND ADDRESS OF APPLICANT/LICENSEE**

Trudeau Institute  
154 Algonquin Ave  
Saranac Lake, NY 12983

**1a. NAME OF APPLICANT'S CONTACT**

Gail Huston, RSO

**1b. APPLICANT'S REFERENCE NUMBER**

NR07-0217A

**1c. PHONE NUMBER**

(518) 891-3080

**1d. FAX NUMBER**

(518) 891-5126

**1e. E-MAIL ADDRESS**

ghuston@trudeauinstitute.org

**2. TYPE OF NRC LICENSE REQUESTED (Check One)**☐ EXPORT

(Parts B, C, E)

☐ IMPORT

(Parts B, D, E)

☒

COMBINED EXPORT/IMPORT

(Parts B, C, D, E)

☐

AMENDMENT/RENEWAL

Existing License Number:

**3. CONTRACT NUMBER(S)**

NA

**4. FIRST SHIPMENT DATE**

10/01/2007

**5. LAST SHIPMENT DATE**

04/01/2008

**6. PROPOSED EXPIRATION DATE**

11/30/2012

**PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

**7. NAME(S) / ADDRESS(ES) OF SUPPLIERS  
AND/OR OTHER PARTIES TO THE EXPORT****8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE  
FOREIGN CONSIGNEE(S)****9. NAME(S) / ADDRESS(ES) OF ULTIMATE  
FOREIGN CONSIGNEE(S)**

MDS Nordion  
447 March Road  
Ottawa, ON K2K 1X8 Canada

**7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED****8a. INTERMEDIATE USE(S)****9a. ULTIMATE END USE(S)**

Disposal, recycling or reuse

**10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES,  
NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS****10a. MAX TOTAL VOLUME /  
ELEMENT WGT (KG), OR  
TOTAL ACTIVITY (TBq)**

2596 Ci

**10b. MAX ENRICHMENT  
OR WGT %****10c. MAX ISOTOPE  
WGT (KG)**

Cesium 137 sealed source  
Chemical form: Element  
Physical form: Solid  
Device: Gammacell 40

**11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)**

NA

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# APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER <b>CB891</b>	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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## PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

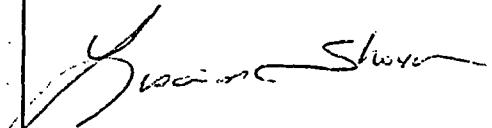
12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT  MDS Nordion 447 March Rd Ottawa, Ontario K2K 1X8 Canada	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. INTERMEDIATE USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  Cesium 137 sealed sources Chemical form: Element Physical form: Solid Device: Gammacell 40	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  148 TBq (4000 Ci)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)

16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

## PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL  Lisa Shovan Controller / Assistant Treasurer	18b. SIGNATURE - AUTHORIZED OFFICIAL 	18c. DATE  09/12/07
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PUBLIC

OR

☐

NON-PUBLIC

## ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

10. The old Gammacell 40 irradiator (S/N 106) will be decommissioned by MDS Nordion and transported back to their facility for reuse or disposal. This will take place at the same time as the installation of the new Gammacell 40.

15. Copy of amendment approval to our NYSDOH License 1161  
Copy of MDS Nordion license