

<b>NRC FORM 7</b> (8-2007) 10 CFR 110		<b>U.S. NUCLEAR REGULATORY COMMISSION</b> <b>APPROVED BY OMB: NO. 3150-0027</b> <b>EXPIRES: 06/30/2009</b> 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 <a href="mailto:infocollect@nrc.gov">infocollect@nrc.gov</a> , 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, this information collection.							
<b>APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> (See Instructions on Page 5)									
<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC OR <input checked="" type="checkbox"/> NON-PUBLIC							
LICENSE NUMBER: <b>PCB5.02</b>		ADAMS/ACCESSION NUMBER: <b>N/A</b>							
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS</b> (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  <b>International Isotopes Inc.</b> <b>4137 Commerce Circle</b> <b>Idaho Falls, ID 83401</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           1a. NAME OF APPLICANT'S CONTACT  <b>John J. Miller/RSO</b> </td> <td style="width: 50%;">           1b. APPLICANT'S REFERENCE NUMBER  <b>Appl. Dtd. 0526-09</b> </td> </tr> <tr> <td>           1c. PHONE NUMBER  <b>(208) 524-5300</b> </td> <td>           1d. FAX NUMBER  <b>(208) 524-1411</b> </td> </tr> <tr> <td colspan="2">           1e. E-MAIL ADDRESS  <b>jjmiller@intisoid.com</b> </td> </tr> </table>		1a. NAME OF APPLICANT'S CONTACT <b>John J. Miller/RSO</b>	1b. APPLICANT'S REFERENCE NUMBER <b>Appl. Dtd. 0526-09</b>	1c. PHONE NUMBER <b>(208) 524-5300</b>	1d. FAX NUMBER <b>(208) 524-1411</b>	1e. E-MAIL ADDRESS <b>jjmiller@intisoid.com</b>	
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1e. E-MAIL ADDRESS <b>jjmiller@intisoid.com</b>									
2. TYPE OF ACTION REQUESTED (Check One) <input type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input checked="" type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: <b>CBP5a-1</b>									
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE <b>06/01/2009</b>							
5. LAST SHIPMENT DATE <b>09/30/2010</b>		6. PROPOSED EXPIRATION DATE <b>09/30/2010</b>							
<b>PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS</b> (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  <b>Not Applicable</b>		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)  <b>Not Applicable</b>							
9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  <b>See Notes,</b>		10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  <b>Sealed sources (see notes)</b>							
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED <b>Not Applicable</b>		8a. INTERMEDIATE USE(S) <b>Not Applicable</b>							
9a. ULTIMATE END USE(S) <b>See Notes</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  <b>See Notes</b>							
10b. MAX ENRICHMENT OR WGT %  <b>Not Applicable</b>		10c. MAX ISOTOPE WGT (KG)  <b>Not Applicable</b>							
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)  <b>N/A</b>									

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U.S. NUCLEAR REGULATORY COMMISSION

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


LICENSE NUMBER <b>PCB5002</b>	DOCKET NUMBER <b>NEA</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input checked="" 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  <b>See Notes</b>	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)  <b>Not Applicable</b>	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)  <b>International Isotopes Inc, 4137 Commerce Circle Idaho Falls, ID 83401</b>	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)  <b>Not Applicable</b>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)  <b>Not Applicable</b>	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)  <b>11-27680-01 Amendment 19</b>	
	13b. INTERMEDIATE USE(S)  <b>Not Applicable</b>	14b. ULTIMATE END USE(S)  <b>Recycle or Reuse</b>	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  <b>See Notes</b>	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  <b>See Notes</b>	15b. MAX ENRICHMENT OR WGT %  <b>Not Applicable</b>	15c. MAX ISOTOPE WGT (KG)  <b>Not Applicable</b>
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)  <b>Not Applicable</b>			

## **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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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  <b>Steve Laflin, President/CEO</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
18c. DATE  <b>5-26-09</b>	

*Rec'd  
6-20-09 RB*

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>PCB50, 02</i>	DOCKET NUMBER <i>N/A</i>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input checked="" type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

245 ✓ **Block 5:** Last shipment date has not been determined, date provided to coincide with license termination date.

**Block 9:** Ultimate Foreign Consignees list attached as Enclosures A, B and C to letter JJM-2009-41.

*add* ✓ **Block 9a:** For use in Medical Teletherapy or Category I, II, III, or IV Irradiators.

**Block 10.** Co-60 and Cs-137 sealed Sources. Source models, serial numbers, activities and reference dates will be recorded in the National Source Tracking System database prior to export.

**Block 10a.** Co-60 Teletherapy Sources not to exceed 555.6 TBq (15,000 Ci), Co-60 irradiator sources not to exceed 244.5 TBq (6,600 Ci). Cs-137 irradiator source not to exceed 8.5 TBq (230 Ci)

**Block 12:** Coincide with the lists provided for Block 9. Request authorization to import from facilities not specifically listed in Enclosures A, B and C to support Department of Energy and International Atomic Energy Agency Global Threat Reduction Initiatives. No

**Block 14b:** Recycle or for transfer to NRC or Agreement State licensee for re-use.

**Block 15:** Category 1 and 2 quantities of Co-60 or Cs-137 sealed sources.

**Block 15a.** Co-60 imports not to exceed 555.6 TBq (15,000 Ci) per shipment. Cs-137 imports not to exceed 8.5 TBq (230 Ci) per shipment.

**Block 17a:** Refer to NRC License 11-27680-01 Amendment 19 as Recipient's authorization.

*Rec'd  
6-2-09  
PB*

**Affidavit Declaring Proprietary Information**

Documents: Enclosures A, B and C, to International Isotopes, Inc. Letter JJM-2009-41  
Company Officer: Steve Laflin  
Title: President/CEO  
Company: International Isotopes Inc.

**Declaration:**

International Isotopes, Inc. wished to have withheld from public disclosure Enclosures A, B and C, to International Isotopes, Inc. Letter JJM-2009-41.


The information contained in the Enclosures cited above is considered proprietary information in that these Enclosures provide a detailed listing of International Isotopes Inc's prospective foreign sealed source customers. International Isotopes Inc requests that this information be exempt from public disclosure pursuant to the provision of Title 10 Code of Federal regulations Part 2.390(a)(4).

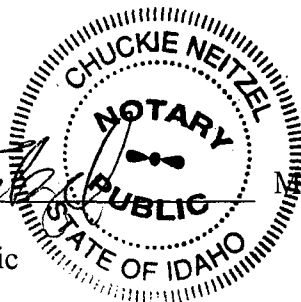
Release of the information included in these Enclosures to the public would provide our competitors (both current and future) a list of foreign customers that they may utilize to solicit sales of their products. Disclosure of this prospective customer list can be extremely detrimental to International Isotope, Inc. sealed radioactive source business.

  
\_\_\_\_\_  
Steve Laflin, President/CEO

5-26-09  
\_\_\_\_\_  
Date

I certify that the above named person appeared before me and executed this document on this 26<sup>th</sup> day of May, 2009

  
\_\_\_\_\_  
Chuckie Neitzel, Notary Public



My commission expires: 4/17/2014



## International Isotopes Inc.

May 26, 2009

Deputy Director, Office of International Programs  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Amendment and Renewal to CBP5a-1.

Dear Deputy Director,

International Isotopes Inc. seeks to amend and renew specific Import/Export License CBP5a-1, scheduled to expire on December 31, 2009. The following attachments are included;

- US NRC Form 7
- Enclosure 1 – Affidavit declaring Proprietary Information
- Enclosures A, B, and C, Foreign Consignee Lists (Proprietary Information)

International Isotopes, Inc. also requests authorization to import Category 1 and 2 quantities of Co-60 and Cs-137 sources to support US Department of Energy and International Atomic Energy Agency global threat reduction initiatives, facility details will be provided when they become available.

A check for \$4800 in accordance with §170.31 15.I is enclosed. Should you have any questions, please contact me by phone at (208) 524-5300.

Sincerely,

John J. Miller, CHP  
International Isotopes Inc.  
4137 Commerce Circle  
Idaho Falls, ID 83401

JJM-2009-41,  
Enclosures as stated

### Note:

**The remaining eighteen (18) pages are  
“Company Proprietary” and are not to be  
made publicly available.**