

NRC FORM 7 <small>(6-2006)</small> 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027	EXPIRES: 06/30/2009 <small>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, 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.</small>
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Page 5)			

PART A. FOR NRC USE ONLY	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 10-4-07
LICENSE NUMBER CBP5a-1	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 International Isotopes Inc 4137 Commerce Circle Idaho Falls, ID 83401	1a. NAME OF APPLICANT'S CONTACT John J. Miller	1b. APPLICANT'S REFERENCE NUMBER JJM-2007-23
	1c. PHONE NUMBER (208) 524-5300	1d. FAX NUMBER (208) 524-1411
	1e. E-MAIL ADDRESS jjmiller@intisoid.com	

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: CBP005a

3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 12/01/2007	5. LAST SHIPMENT DATE 09/30/2007	6. PROPOSED EXPIRATION DATE 09/30/2010
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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 Refer to Table in cover letter, JJM-2007-23	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Radiation Ltda. Av. 19 de maio, 455 - Jdm. Albatroz 112500-000 Bertioga, SP Brazil	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) See Attached
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7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED	8a. INTERMEDIATE USE(S) Distribution/Installation	9a. ULTIMATE END USE(S) Radiotherapy/irradiations
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10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS Co-60 sources; Model INIS-SF-X.X-YY-Z	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 556 TBq	10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)
 None

NRC FORM 7
(6-2006)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

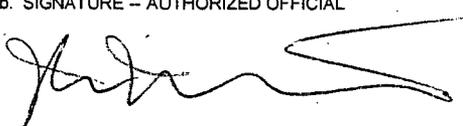
**APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <i>CBR 5A-4</i>	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 Refer to Table in cover letter, JJM-2007-23	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S) International Isotopes Inc 4137 Commerce Circle Idaho Falls, ID 83401	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) NRC License No.: 11-27680-01 September 30, 2010	
	13b. INTERMEDIATE USE(S)	14b. INTERMEDIATE USE(S) End use - recover Co-60 pellets or reuse Co-60 sources or transfer to NRC or Agreement State Licensee	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES See Attached	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 556 TBq	15b. MAX ENRICHMENT OR WGT % N/A	15c. MAX ISOTOPE WGT (KG) N/A
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) None			

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	
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 <i>John Miller / RSO</i>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE <i>9/7/07</i>

NRC FORM 7
(6-2006)
10 CFR 110

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

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

Block 15:

Co-60 Source Models:

INIS-SF-X.X-YY-Z

NPI -NPTT series

MDS Nordian/AECL - C146, C151, C166, C167, C185, C188, C198, C199, C200, 156

J.L. Shepherd, Model 7810, 7810-220, FE-1520

AEA or GE Model A-8-A

GE, AEA, ORNL, IPL. Model 6810

Leksell Gamma Knife Source



International Isotopes Inc.

September 7, 2007

U.S. Nuclear Regulatory Commission
Office of International Programs
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2738
Attn: Mr. Stephen Baker Mail Stop 4 E21

CBP5a-4

Subject: Amendment to CBP005a.

Dear Mr. Baker,

International Isotopes Inc. seeks to amend specific Import/Export License CBP005a in accordance with the enclosed NRC Form 7 and the information contained within this letter. International Isotopes Inc. currently has several requests to provide Co-60 sources in various countries. These sources are typically associated with Co-60 teletherapy source exchange which results in the subsequent import of the old Co-60 source. In addition, International Isotopes Inc. has been contacted by the Department of Energy's Off Site Source Recovery Program as well as the International Atomic Energy Commission to support global threat reduction initiatives through the importation of Co-60 and Cs-137 sources from various countries.

International Isotopes Inc. requests that, to the extent possible, Import/Export License CBP005a be revised to support the above mentioned activities. A check of \$700.00 is enclosed to cover the amendment fee. Country and facility information (where available) is provided in the tables below:

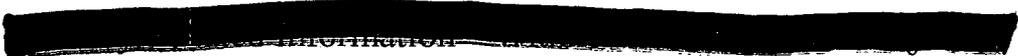
Table of Pending Exports/Imports				
	Country	Facility Address	Isotope Activity	Use
1.	Mexico	Instituto de Radioterapia de Baja California Rufino Tamayo No. 9, Zona Rio Tijuana, B.C.N. 22320 Mexico	Co-60 5000Ci	Radiotherapy
2.	Brazil	Instituto do Cancer Arnaldo Vieira de Carvalho Dr. Cesario Motta, Jr. 122 - Sta. Cecilia 01221-900 Sao Paulo, SP Brazil	Co-60 8500Ci	Radiotherapy
3.	Brazil	Nucleon Radioterapia E. Fisica Medica S/C Ltda. Av. Washington Luiz, 773 18035-060 Sorocaba, SP Brazil	Co-60 6300Ci	Radiotherapy



4.	Brazil	Hospital Luxemburgo 30380490 - Belo Horizonte, MG, Brazil	Co-60 6900Ci	Radiotherapy
5.	Brazil	HC da Faculdade de Medicina Estadual Julio de Mesquita Filho Campus de Botucatu – Rubiao Junior 18618-970 Butucatu, SP Brazil	Co-60 8500Ci	Radiotherapy
6.	Brazil	Irmandade da Santa Casa da Misericordia de Santos AV. Dr. Claudio Luiz da Costa, 50 11075-900 Santos, SP Brazil	Co-60 8500Ci	Radiotherapy
7.	Brazil	Quantum Assessoria em Fisica Medica Ltda. R. Carolina Moraes de Almeida, 149 Marlina, SP Brazil	Co-60 8000Ci	Radiotherapy
8.	Brazil	Fundação de Saúde Dílson de Quadros Godinho AV GERALDO ATHAYDE , 480 – Sao Joao Monte Claros, MG Brazil	Co-60 7000Ci	Radiotherapy
9.	Brazil	IRABC – Instituto De Radioterapia Do ABC Av. Portugal, 592 - Centro 09040-000 Santo Andre, SP Brazil	Co-60 8000Ci	Radiotherapy
10.	Brazil	Instituto de Medicina Nuclear e Endocrinologia Rua Cons. Otaviano, 129 Centro 28010-140 Campos, RJ Brazil	Co-60 7000Ci	Radiotherapy
11.	Brazil	Hospital Santa Rita de Cassia Av. Marechal Campos, 1579 - Santos Dumont 29040-091 Vitória, ES Brazil	Co-60 8000Ci	Radiotherapy

Table of Countries Future Exports/Imports of Co-60 Anticipated					
South America					
1.	Venezuela <i>B</i>	4.	Peru <i>B</i>	7.	Bolivia <i>A</i>
2.	Columbia <i>B</i>	5.	Argentina <i>A</i>	8.	Uruguay <i>B</i>
3.	Ecuador <i>B</i>	6.	Chile <i>B</i>	9.	Paraguay <i>A</i>
North/Central America					
1.	Mexico <i>B</i>	4.	Honduras <i>B</i>	7.	Panama <i>B</i>
2.	Guatemala <i>A</i>	5.	Nicaragua <i>B</i>	8.	Canada <i>A</i>
3.	El Salvador <i>B</i>	6.	Costa Rica <i>B</i>		
Other					
1.	Australia <i>A</i>	4.	United Kingdom <i>A</i>	7.	India <i>(Registered)</i>
2.	France <i>A</i>	5.	Portugal <i>A</i>		
3.	Spain <i>A</i>	6.	Germany <i>A</i>		

As mentioned above the US Department of Energy and the International Atomic Energy Agency have identified radioactive sources to be imported into the United States in support of global threat reduction activities. It is anticipated that additional countries will



be added to this list as threats are identified. The table below identifies two countries where source recovery options are pending.

DOE/IAEA Sponsored Imports	
Country	Isotope / Estimated Activity
Uruguay	Co-60 / 15,000 Ci
Nicaragua	Co-60 / 3,000 Ci

Should you have any questions, please contact me by phone at (208) 524-5300 or by email at jjmiller@intisoid.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'John J. Miller'.

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

JJM-2007-23