

**REQUEST FOR A SEALED SOURCE OR  
DEVICE EVALUATION**

**INSTRUCTIONS:** Send this request AND a copy of all related letters/applications and drawings to the Chief, Sealed Source Safety Section, OWFN Mail Stop O-6 H3. Change the License Tracking System milestone to 19 and assign to reviewer code 1-5.  
**NOTE:** Retain a copy of this request with the application and background files.

REQUESTER <b>International Isotopes, Inc.</b>		REGION/LOCATION: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> HQ <input type="checkbox"/> LFRB	
TELEPHONE NUMBER	DATE	TYPE OF ACTION REQUESTED (Check as appropriate)	
NAME OF APPLICANT <b>John J. Miller</b>		<input type="checkbox"/> SOURCE REVIEW	<input checked="" type="checkbox"/> AMENDMENT OF REGISTRATION SHEET NUMBER(S)
MAIL CONTROL NUMBER(S)		<input type="checkbox"/> DEVICE REVIEW	
LETTER/APPLICATION DATE <b>01/05/2006</b>	LICENSE NUMBER(S) <b>NR-1235-S-101-S</b>	<input type="checkbox"/> CUSTOM REVIEW	<b>NR-1235-S-101-S</b>

COMMENTS:  
**4137 Commerce Circle  
Idaho Falls, ID 83401**

**FOR SSSS USE ONLY**

REVIEWER <b>Ujagar Bhachu</b>	MODEL NUMBERS <b>INIS-SF-X.X-YY-Z Series</b>	NUMBER ASSIGNED <b>06-11</b>
DATE RECEIVED <b>01/12/2006</b>	DATE ASSIGNED <b>01/12/2006</b>	DATE TO FEES <b>01/12/2006</b>

**TYPE OF ACTION (Indicate the number of each type)**

<input checked="" type="checkbox"/> COMMERCIAL DISTRIBUTION (FORMAL)		<input type="checkbox"/> USE BY A SINGLE APPLICANT (CUSTOM)	
SOURCE (9C)	DEVICE (9A)	SOURCE (9D)	DEVICE (9B)
<input type="checkbox"/> NEW	<input type="checkbox"/> NEW	<input type="checkbox"/> NEW	<input type="checkbox"/> NEW
<input checked="" type="checkbox"/> AMENDMENT	<input type="checkbox"/> AMENDMENT	<input type="checkbox"/> AMENDMENT	<input type="checkbox"/> AMENDMENT
<input checked="" type="checkbox"/> NO SAFETY EVALUATION REQUIRED NO FEES REQUIRED		<input checked="" type="checkbox"/> LICENSING ACTION REQUIRED (IF KNOWN)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

OTHER (Specify)

TOTAL NUMBER OF REVIEW HOURS	NOTES <b>1/5/06 request to amend NR-1235-S-101-S.</b>
NUMBER OF DEFICIENCY LETTERS	
NUMBER OF DEFICIENCY CALLS	

**FOR FEE USE ONLY**

TYPE OF FEE	FEE CATEGORY <input type="checkbox"/> 9A <input type="checkbox"/> 9B <input checked="" type="checkbox"/> 9C <input type="checkbox"/> 9D		
AMOUNT RECEIVED	CHECK NUMBER	DATE OF CHECK	LOG
APPROVED BY	Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 4		DATE OF RETURN

COMMENTS: **FOIA-2006-0087** **J-5**



**International Isotopes Inc.**  
& *International Isotopes Idaho Inc.*

January 5, 2006

Dr. John Jankovich  
Mail Stop: T8F3  
Materials Safety and Inspection Branch  
Division of Industrial and Medical Nuclear Safety  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Subject: Amendment to NR-1235-S-101-S

Dear Dr. Jankovich,

International Isotopes Inc. requests an amendment to Radioactive Sealed Sources and Devices Safety Evaluation of Sealed Source NR-1235-S-101-S to include Category IV Irradiator Sources. The design and testing criteria described in NR-1235-S-101-S meets or exceeds that required for Category IV Irradiator sources. The following modifications to NR-1235-S-101-S would be necessary:

1. Page 1. Principal Use – Add (M) Gamma Irradiation, Category IV
2. Page 2. Second Paragraph. Change to read:

The Model INIS-SF-X.X-YY-Z Series consists of four sealed source models. Model INIS-SF-X.X-YY-AD is for use in teletherapy devices. Models INIS-SF-X.X-YY-J, INIS-SF-X.X-YY-K, INIS-SF-X.X-YY-L, and INIS-SF-X.X-YY-M are for use in Category I, Category II, Category III and Category IV irradiators, respectively.

3. Page 2. Isotope and Maximum Activity Table. Add as last row:

INIS-SF-X.X-YY-M	Co-60	
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Ex.  
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Should you have any questions, please contact me by phone at (208) 524-5300 or by email at [jjmiller@intisoid.com](mailto:jjmiller@intisoid.com).

Sincerely,

John J. Miller, CHP  
Radiation Safety Officer

cc. Letter File JJM-2006-02