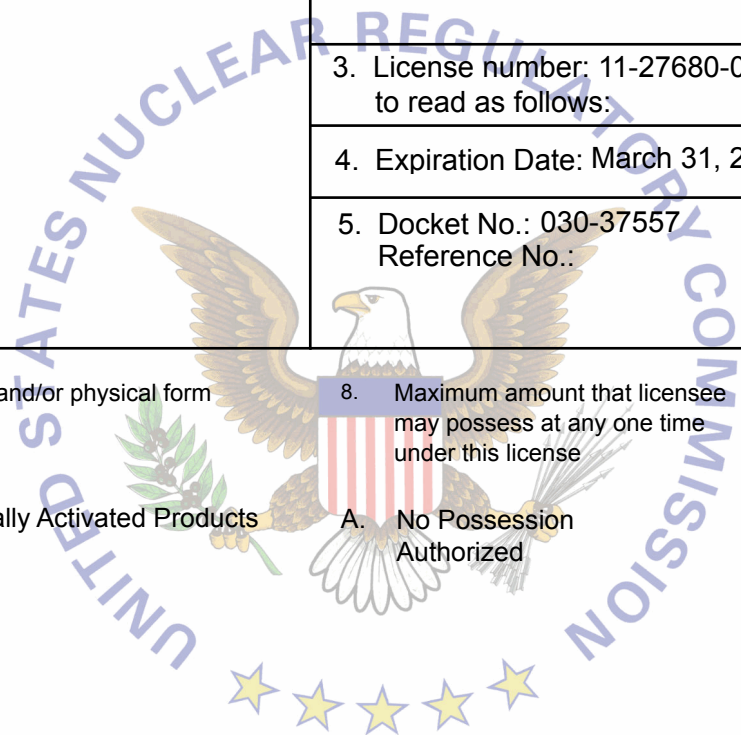


**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with letter dated June 12, 2018.
1. International Isotopes, Inc.	3. License number: 11-27680-02E is amended in its entirety to read as follows:
2. 4137 Commerce Circle Idaho Falls, ID 83401	4. Expiration Date: March 31, 2028
	5. Docket No.: 030-37557 Reference No.:

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	9. Authorized use
A. As specified in 10 CFR 30.70, Schedule A	A. Incidentally Activated Products	A. No Possession Authorized	A. In accordance with 10 CFR 32.11, the licensee is authorized to distribute processed gemstones containing byproduct material as listed in License Conditions 6 and 7, not to exceed concentrations as specified in 10 CFR 30.70, Schedule A, to persons exempt from the requirements for a license under 10 CFR 30.14, or equivalent regulations of any Agreement State.



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
11-27680-02E

Docket or Reference Number  
030-37557

Amendment No. 3

- |   |  |  |   |
|---|--|--|---|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>B. As specified in 10 CFR 30.71, Schedule B</p> | <p>7. Chemical and/or physical form</p> <p>B. Calibration and Standard Reference Sources</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>B. No Possession Authorized</p> | <p>9. Authorized use</p> <p>B. In accordance with 10 CFR 32.18, the licensee is authorized to distribute sealed radioactive sources, each source containing either Ba-133, Co-57, Co-60, Cs-137, Eu-152, Ge-68, or Na-22, where the byproduct material is encapsulated in epoxy, electroplated onto metallic surface, or deposited onto solid surface and covered with an aluminized mylar film, not to exceed the exempt quantities of 10 CFR 30.71, Schedule B to persons exempt from licensing under 10 CFR 30.18, or equivalent regulations of any Agreement State.</p> |
|---|--|--|---|

CONDITIONS

10. This license does not authorize possession or use of licensed material.
11. Licensed material shall be distributed only from the licensee's facility located at 4137 Commerce Circle, Idaho Falls, Idaho, 83401
12. The licensee shall submit periodic material transfer reports as specified in Section 32.12 and Section 32.20, 10 CFR Part 32.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
11-27680-02EDocket or Reference Number  
030-37557

Amendment No. 3

13. Notwithstanding the requirements of Section 32.11(c) of 10 CFR Part 32, the licensee may distribute processed gemstones for the purpose of being worn by human beings.
14. The licensee shall evaluate any gemstones which the licensee deems to be distributed to an exempt person pursuant to this license, and which have been irradiated with an accelerator, using appropriate instrumentation and following appropriate procedures to ensure that any induced radionuclides do not exceed the concentration limits specified in 10 CFR 30.70 Schedule A.
15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated October 24, 2017 (ML17304A007);
  - B. Letter dated February 23, 2018 (ML18057A353);
  - C. Letter dated March 19, 2018 (ML18085A007);
  - D. Letter dated June 12, 2018 (ML18170A006).

  
FOR THE U.S. NUCLEAR REGULATORY COMMISSIONDate: June 26, 2018By: /RA/  
Richard Struckmeyer  
Headquarters