

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, 39, 40, and 70, 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	
1. International Isotopes, Inc.	3. License Number: SUB-1587
	Amendment 2
2. 4137 Commerce Circle	4. Expiration Date: October 25, 2015
Idaho Falls, Idaho 83401	5. Docket No. 40-9058

6. Byproduct Source, and/or Special Nuclear Material

A. Uranium

7. Chemical and/or Physical Form

A. Any

8. Maximum amount that the Licensee may possess at any one time under this License

A. Not to exceed 6,000 kg

9. The authorized place of use shall be the licensee's facilities located at 4137 Commerce Circle, Idaho Falls, Idaho 83401.
10. Authorized use: The licensee has indicated that principal activities have been ceased permanently (ML13178A215). In accordance with 10 CFR 40.42(c), this license continues in effect, beyond the expiration date, if necessary, with respect to possession of source material until the NRC notifies the licensee in writing that the license is terminated. During this time, the licensee shall limit actions involving licensed material to those related to decommissioning and will continue to control entry to restricted areas until they are suitable for release in accordance with NRC requirements. Whenever the licensee uses the words "will" or "shall" in the aforementioned licensee documents, it denotes an enforceable license requirement.
11. All written notices and reports to NRC required under this license shall be addressed to the Chief, Enrichment and Conversion Branch, Division of Fuel Cycle Safety and Safeguards and Environmental Review, Office of Nuclear Material Safety and Safeguards, U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

Required telephone notification shall be made to the NRC Operations Center at (301) 816-5100, unless otherwise specified in license conditions.

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12. The licensee shall report any transfers, receipts, or adjustments to the inventory of source material 1 kilogram or more with foreign obligations of and imports or exports of 1 kilogram or more of source material as defined in 10 CFR 40.64(a).
13. As long as the licensee is authorized to possess at any one time and location more than 1,000 kilograms of source material, it will submit a yearly report of its source material with foreign obligations as defined in 10 CFR 40.64(b).
14. The licensee shall comply with the reporting requirements contained in 10 CFR 40.64(c) when an attempt has been made, or is believed to have been made, to commit a theft or unlawful diversion of source material in the quantities specified in this part.
15. The licensee shall maintain records as delineated in 10 CFR 40.61.
16. The ALARA Committee recommendations must be presented to management, and management must document, how each recommendation is dispositioned.
17. Before accepting licensable quantities of source material:
- The licensee must submit a letter of credit in favor of the NRC, conforming to the guidance of NUREG-1757, Vol. 3, "Consolidated NMSS Decommissioning Guidance," in an amount no less than \$241,217, to meet the requirement of § 40.36(d); and
 - The licensee must submit a certificate of financial assurance in conformance with NUREG-1757, Vol. 3, to meet the requirements of § 40.36(d); and
 - The licensee must submit a standby trust in conformance with NUREG-1757, Vol. 3, to meet the requirement of § 40.36(e)(2)(ii), and which will be maintained as long as the licensee uses a financial assurance method that requires a standby trust.
18. At intervals not to exceed three (3) years, the licensee must submit, for NRC review, an updated cost estimate for decommissioning. After resolution of any NRC comments on the estimate, the licensee must provide to the NRC a signed original of the financial instrument reflecting an amount sufficient to cover the approved cost estimate. The regional office responsible for the 10 CFR Part 30 license will hold the original financial instrument.
19. Deleted by Amendment 2
20. Deleted by Amendment 1.
21. The licensee shall conduct authorized activities at the Idaho Falls facility in accordance with the statements, and conditions in the following documents:
- Application for Materials License, U.S. Nuclear Regulatory Commission (NRC's) Form 313 dated April 18, 2005 (Agencywide Documents Access and Management Systems (ADAMS) Accession No. ML051380491).

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- b) "Response to NRC Comments" submitted by letter dated June 16, 2005 (ADAMS Accession No. ML051720060).
- c) "Response to NRC Comments" submitted by letter dated August 11, 2005 (ADAMS Accession No. ML052570545).
- d) "Response to Request for Additional Information" submitted by letter dated March 13, 2007 (ADAMS Accession No. ML070740133).
- e) "International Isotopes request to Amend License SUB-1587" submitted by letter dated June 25, 2013 (ADAMS Accession No. ML13178A215).
- f) "Alternate Schedule for Decommissioning of License SUB-1587" submitted by letter dated November 4, 2013 (ADAMS Accession No. ML13309B057).
- g) "Response to Request for Additional Information for International Isotopes License Amendment" submitted by letter dated March 25, 2014 (ADAMS Accession No. ML14087A157).
- h) "Supplemental Information to Letter dated June 24, 2013 Requesting Amendment to License SUB-1587" submitted by letter dated November 26, 2014 (ADAMS Accession No. ML14338A841).
- i) "International Isotopes, Inc. Decommissioning Funding Plan" submitted by letter dated December 3, 2014 (ADAMS Accession No. ML14342A071).

FOR THE NUCLEAR REGULATORY COMMISSION

Date: February 19, 2015By: /RA/

Brian W. Smith, Chief
Enrichment and Conversion Branch
Office of Nuclear Materials Safety
and Safeguards