

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and the applicable parts of Title 10, Code of Federal Regulations, Chapter I, Parts 19, 20, 30, 31, 32, 33, 34, 35, 36, 39, 40, 51, 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		
1. International Isotopes, Inc.		3. License Number SUB-1587, Amendment 1
2. 4137 Commerce Circle Idaho Falls, Idaho 83401		4. Expiration Date October 25, 2015
		5. Docket No. 40-9058 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
Uranium	Any	[Security-Related Information - Withheld Under 10 CFR 2.390]
9. The authorized place of use shall be the licensee's facilities located at 4137 Commerce Circle and 1359 Commerce Way, Idaho Falls, Idaho 83401.		
10. Authorized use: The licensee shall conduct operations in accordance with the commitments, representations, and statements made in its license application submitted by cover letter dated April 18, 2005, as amended by submittals dated June 16, 2005, August 11, 2005, January 19, 2007, and March 13, 2007, except where superseded by license conditions contained in this license. 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, Fuel Facility Licensing Directorate, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, U. S. Nuclear Regulatory Commission, Executive Boulevard Building Rockville, MD 20852-2738.		
Required telephone notification shall be made to the NRC Operations Center at (301) 816-5100, unless otherwise specified in license conditions.		
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		

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

Docket or Reference Number

40-9058

Amendment No. 1

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 licenseable quantities of source material:
- a. 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
 - b. 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
 - c. 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. The licensee commits to developing and maintaining a site security plan incorporating the requirements and intent of "Policy Guide-50," Site Security Guidelines, Compressed Gas Association, 1/13/2005.
20. Deleted by Amendment 1.

FOR THE NUCLEAR REGULATORY COMMISSION

Date: 7/27/07

By: /RA, by B. Smith for/
Gary S. Janosko, Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards