

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.

<p style="text-align: center;">Licensee</p> <p>1. U.S. Environmental Protection Agency National Enforcement Investigations Center</p> <p>2. P.O. Box 25227, Building 25 Denver Federal Center Denver, Colorado 80225-0227</p>	<p>In accordance with letter dated May 23, 2012</p> <p>3. License number 05-14892-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date August 31, 2014</p> <p>5. Docket No. 030-08219 Reference No.</p>
---	--

- | | | |
|--|---|---|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct, source, or special nuclear material with Atomic Number 1-96, inclusive</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 10 millicuries per radionuclide and 200 millicuries total</p> |
|--|---|---|

9. Authorized use:
- A. For instrument calibration and sample analysis.

CONDITIONS

10. Licensed material may be used at the licensee's facilities located at Building 25, Denver Federal Center, Denver, Colorado.
11. A. Licensed material shall be used by, or under the supervision of Benjamin A. Burns or Jamie L. Headley.
- B. The Radiation Safety Officer (RSO) for this license is Jamie L. Headley.
12. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
05-14892-01Docket or Reference Number
030-08219

Amendment No. 24

- C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 0.005 microcuries (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcuries (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the appropriate U.S. Nuclear Regulatory Commission, Region IV, 1600 East Lamar Blvd., Arlington, Texas 76011-4511, ATTN: Director, Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.
- E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 3 years.
13. The licensee shall not use licensed material in or on human beings except as provided otherwise by specific condition of this license.
14. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
15. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory
16. The licensee shall not acquire licensed material in a sealed source or device that contains a sealed source unless the source or device has been registered with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
17. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
05-14892-01Docket or Reference Number
030-08219

Amendment No. 24

19. 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 U.S. 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 February 04, 2004
- B. Facsimile received August 04, 2004
- C. Letter dated August 9, 2004

[ML040620492]

[ML042170477]



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date: August 16, 2012By: _____
Lizette Roldán-Otero, Ph.D., Health Physicist
Nuclear Materials Safety Branch B
Region IV
Arlington, Texas 76011-4511