



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

February 16, 2007

Docket No. 03007656
Control No. 131608

License No. 19-14125-01

Charles Weisberg
Radiation Safety Officer
U.S. Environmental Protection Agency
Region Three
Central Regional Laboratory
701 Mapes Road
Fort Meade, Maryland 20755

SUBJECT: U.S. ENVIRONMENTAL PROTECTION AGENCY, CORRECTED COPY OF
LICENSE, CONTROL NO. 131608

Dear Mr. Weisberg:

Enclosed is the Corrected Copy of Amendment No. 13 for License No. 19-14125-01. In accordance with your telephone discussion with Mr. Steven Courtemanche of my staff on February 15, 2007, Condition No. 10 has been corrected to indicate licensed materials may be used at temporary job sites anywhere in the United States. Please note that License Condition Nos. 13 and 15 have been updated to reflect current licensing policy.

We apologize for any inconvenience this error may have caused.

Sincerely,

Original signed by James P. Dwyer

James P. Dwyer, Chief
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Corrected Copy of Amendment No. 13

DOCUMENT NAME: C:\FileNet\ML070530419.wpd

SUNSI Review Complete: SCourtemanche

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OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	SCourtemanche /SRC/		JDwyer /JPD1/					
DATE	02/16/2007		2/16/07					

OFFICIAL RECORD COPY

CORRECTED COPY

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 Region 3 Central Regional Laboratory</p> <p>2. 701 Mapes Road Fort Meade, Maryland 20755</p>	<p>In accordance with the application dated May 31, 2002,</p> <p>3. License number 19-14125-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date October 31, 2012</p> <hr/> <p>5. Docket No. 030-07656 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Nickel 63</p> <p>B. Cadmium 109</p> <p>C. Iron 55</p>	<p>7. Chemical and/or physical form</p> <p>A. Foils or plated sources (Agilent Technologies Models 19233, G1223A, G1224A, G1553A, G2397A, and G2397-65505)</p> <p>B. Sealed sources (Amersham Corp. Models CUC.D1 and CUC.P1; Isotope Products Model XFB Series 3204 and 3205; North American Scientific Model IND 1602; New England Nuclear Models NER-467 Capsule LE66 and NER-465)</p> <p>C. Sealed sources (Amersham Corp. Model IEC.A1)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>C. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

CORRECTED COPY

License Number
19-14125-01

Docket or Reference Number
030-07656

Amendment No. 13

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|---|--|--|
| 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 |
| D. Americium 241 | D. Sealed sources (Amersham Corp. Model AMC.P4 and AMCL(X130/4 source capsule only)) | D. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State |

9. Authorized use:

- A. To be used for sample analysis in compatible gas chromatography devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by a Commission or Agreement State license to receive, possess, and use the devices.
- B. through D. To be used for sample analysis in compatible X-Ray fluorescent analyzers that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by a Commission or Agreement State license to receive, possess, and use the devices.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 701 Mapes Road, Fort Meade, Maryland and may be used at temporary job sites of the licensee anywhere in the United States.
11. Licensed material shall be used by, or under the supervision of, Charles Weisberg.
12. The Radiation Safety Officer for this license is Charles Weisberg.
13. 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 under equivalent regulations of 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 under equivalent regulations of 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
19-14125-01Docket or Reference Number
030-07656

Amendment No. 13

CORRECTED COPY

- 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 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (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.
- E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory 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 5 years.
14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee shall conduct a physical inventory every six 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. Maintenance, repair, cleaning, replacement, and disposal of foils contained in detector cells shall be performed only by the device manufacturer or other persons specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
17. 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
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License Number
19-14125-01

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Amendment No. 13

18. 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 May 31, 2002 [ML021610112]
 - B. Letter dated June 4, 2002 [ML021610112]



For the U.S. Nuclear Regulatory Commission

Date February 16, 2007

By *Original signed by Steven Courtemanche*
 Steven Courtemanche
 Commercial and R&D Branch
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406