



December 9, 2008

United States Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, Pennsylvania 19406  
Attention: LAT

Br. 3

Re: License Amendment  
Change of Radiation Safety Officer  
License No. 45-25229-01  
Docket No. 030-33013

Dear NRC:

We request a license amendment to change the Radiation Safety Officer for our company's Radiation Safety Program. The new Radiation Safety Officer for the above stated license will be G. Paul Londeree (copies of training experience enclosed as Attachment A). A current copy of our Materials License is enclosed as Attachment B.

If you have any questions, please call.

Sincerely,

**MCKINNEY AND COMPANY**

G. Paul Londeree, C.P.G.  
Proposed Radiation Safety Officer

Paul W. Burch, P.E.  
Radiation Safety Officer

RECEIVED  
REGION I  
DEC 12 PM 12:20

**ATTACHMENT A**

# Certificate of Completion

This certifies that

*G. Paul Londeree*

has successfully completed the  
Radiation Safety Officer Training Class  
conducted by the training department of

*Troxler Electronic Laboratories, Inc.*

*Harvey Dunbar*

Instructor

June 5, 2008

Date

*William F. Troxler, Jr.*  
President



Troxler Electronic Laboratories, Inc.  
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709  
Phone: (919) 549-8681 • Fax: (919) 549-0761 • Web site: [www.troxlerlabs.com](http://www.troxlerlabs.com)

12467210

# Certificate of Completion

This certifies that

*G. Paul Louderree*

has successfully completed the  
Nuclear Gauge Safety Training Class  
conducted by the training department of

*Troxler Electronic Laboratories, Inc.*

*Ken Brown*

Ken Brown  
Instructor

June 12, 2008

Date

*William F. Troxler, Jr.*  
President

Pass-Certified to operate Nuclear  
Gauges  
12176463



Troxler Electronic Laboratories, Inc.  
PO Box 12057 \* 3008 Cornwallis Rd. \* Research Triangle Park, NC 27709  
Phone: (919) 549-8861 \* Fax: (919) 549-0761 \* Web site: [www.troxlerlabs.com](http://www.troxlerlabs.com)

# HAZMAT Certification

as required by U.S. DOT and IATA

This certifies that

G. Paul Londeree

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety, and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc.

Training Date  
June 5, 2008

Expiration Date  
3 years from date of class

Instructor  
Harvey Dunlevy



Troxler Electronic Laboratories, Inc.  
PO Box 12057 • 3008 Cornwallis Road • Research Triangle Park, NC 27709  
Phone: (919) 549-8661 • Fax: (919) 549-0761 • www.troxlerlabs.com

## Hazmat Employer Certification

Company:

Company Official: G. Paul Londeree

(Facility RSO)

Date: 4/24/08

Enrollment ID: 12467210

**ATTACHMENT B**

**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.

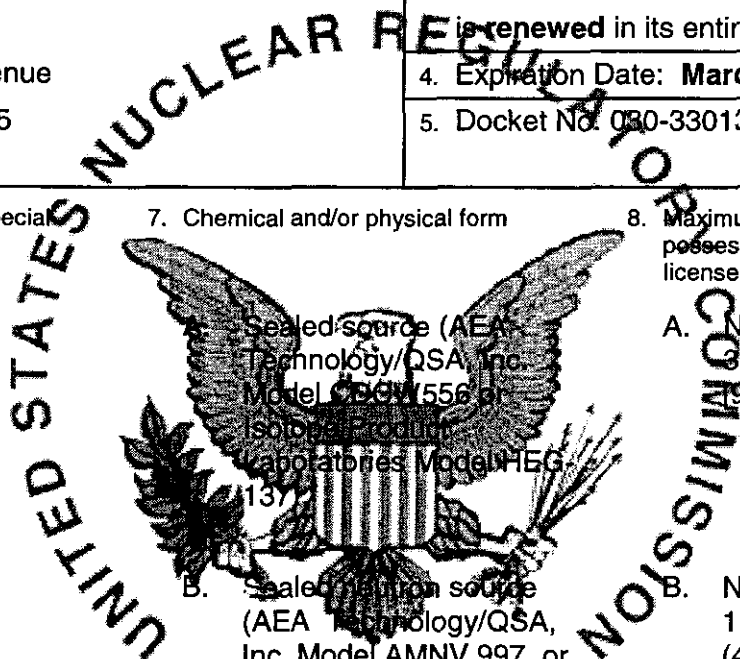
<p style="text-align: center;">Licensee</p> <p>1. McKinney and Company</p> <p>2. 100 South Railroad Avenue Ashland, Virginia 23005</p>	<p>In accordance with the <b>application</b> dated <b>December 12, 2002</b></p> <p>3. License No. 45-25229-01</p> <p>is renewed in its entirety to read as follows:</p> <p>4. Expiration Date: <b>March 31, 2013</b></p> <p>5. Docket No. 030-33013</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed source (AEA Technology/QSA, Inc. Model CGW 556 or isotope product Laboratories Model HEG 137)</p> <p>B. Sealed iron source (AEA Technology/QSA, Inc. Model AMNV.997, or isotope product Laboratories Model 3021 or 3027, or Am1.NO2)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed 333 megabecquerels (9 millicuries (mCi))</p> <p>B. No single source to exceed 1.63 gigabecquerels (44 mCi)</p>
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<p>9. Authorized Use:</p> <p>A. and B. In Troxler Model No. 3430 portable gauging devices for measuring physical properties of materials.</p>	
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**CONDITIONS**

10. Licensed material may be used or stored at the licensee's facilities located at 210 South Railroad Avenue, Ashland, Virginia, and may be used at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License No.  
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030-33013Amendment No.  
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11. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated December 12, 2002.
12. The Radiation Safety Officer for this license is Paul W. Burch.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limits specified in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
14. 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 or detector cell received from another person shall not be put into use until tested.
- C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage, used 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 185 becquerels (Bq) [0.005 microcurie] (uCi) of radioactive material on the test sample. If the test reveals the presence of 185 Bq (0.005 uCi) 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 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.
15. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.



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16. The licensee shall conduct a physical inventory every six months, or at other interval approved by the U. S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license.
17. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from the U. S. Nuclear Regulatory Commission before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Registration Certificates issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
18. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user.
19. Any cleaning, maintenance, or repair on the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or other persons specifically licensed by the U. S. Nuclear Regulatory Commission or an Agreement State to perform such services.
20. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
21. Except as specifically provided otherwise in the 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 December 12, 2002

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

DATE MAR 10 2003

BY

*Richard Gibson, Jr.*

Richard Gibson, Jr.  
Region II, Division of Nuclear Materials Safety  
61 Forsyth Street, S.W., Suite 23T85  
Atlanta, Georgia 30303-8931

This is to acknowledge the receipt of your letter/application dated

12/9/08, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (45-25229-01) There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 143101.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.