

## U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 09

**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.

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| <p>Licensee</p> <p>1. Ludlum Measurements, Inc.</p> <p>2. P.O. Box 810<br/>Sweetwater, TX 79556</p>  | <p>In accordance with application dated<br/>January 14, 2015</p> <p>3. License number 42-21454-01E is amended in its entirety to read as follows:</p> <p>4. Expiration date June 30, 2025</p> <p>5. Docket No. 030-20785<br/>Reference No.</p> |   |
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. As specified in Section 30.71, Schedule B, and Section 30.15(a)(9), 10 CFR Part 30</p>  | <p>7. Chemical and/or physical form</p> <p>A. Sealed Sources</p>   | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable<br/>(See Condition 10)</p> |
| <p>9. Authorized use:</p> <p>In accordance with 10 CFR 32.18, "Manufacture, distribution and transfer of exempt quantities of byproduct material: Requirements for a license," the licensee is authorized to distribute counting standards or encapsulated check sources, not to exceed the exempt quantities of 10 CFR 30.71, Schedule B, to persons exempt from licensing under 10 CFR 30.18, "Exempt quantities," or equivalent regulations of any Agreement State.</p> |  |   |

**CONDITIONS**

10. This license does not authorize possession or use of licensed material.
11. The check sources distributed under 10 CFR 32.18 may be attached to the outside of radiation detection instruments for the convenience of the user.
12. The licensee may distribute only from its facility located at 501 Oak Street, Sweetwater, TX 79556.
13. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.20.

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SUPPLEMENTARY SHEET**License Number  
42-21454-01EDocket or Reference Number  
030-20785

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14. Except as specifically provided otherwise by 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 January 14, 2015 (ML15035A048);
- B. Letter dated April 3, 2015 (ML15100A043); and
- C. Letter dated June 4, 2015 (ML15162A491)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 17, 2015

By: /RA/  
Shirley S. Xu  
Materials Safety Licensing Branch  
Division of Material Safety, States, Tribal,  
and Rulemaking Programs  
Office of Nuclear Material Safety  
and Safeguards  
Washington, DC 20555