

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 05

**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.

Licensee  1. JAMCO America, Inc.  2. 1018 80th Street, S.W. Everett, Washington 98203	In accordance with letter dated February 11, 2008  3. License number 46-23247-01E is renewed in its entirety to read as follows:  4. Expiration date August 31, 2018  5. Docket No. 030-20412 Reference No.
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6. Byproduct, source, and/or special nuclear material  A. Americium-241	7. Chemical and/or physical form  A. Foil source (Amersham Model AMM-1001)	8. Maximum amount that licensee may possess at any one time under this license  A. Not applicable (See Condition 11)
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9. Authorized use:  
  
 Pursuant to Section 32.26, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute smoke detector devices specified in Condition 10 to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The following smoke detector devices may be distributed pursuant to this license provided the amount of americium-241 contained in the device does not exceed the amounts specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
PU90-21000-1	0.7 microcuries (25.9 kBq)
PU90-41000-1	0.7 microcuries (25.9 kBq)

- 11. This license does not authorize possession or use of licensed material.
- 12. The licensee may distribute only from its facility located at 1018 80th Street, S.W., Everett, Washington

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SUPPLEMENTARY SHEET**License Number  
46-23247-01EDocket or Reference Number  
030-20412

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## CONDITIONS

(Continued)

13. The licensee shall file periodic reports as specified in Section 32.29(c), 10 CFR Part 32.
14. The licensee shall perform leak testing of the final product, immediately prior to distribution in the United States, at the Lot Tolerance Percent Defective (LTPD) 5% sampling rate in accordance with Regulatory Guide 6.9, Establishing Quality Assurance Programs For The Manufacture and Distribution of Sealed Sources and Devices Containing Byproduct Material.
15. 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 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 March 24, 1986
  - B. Letters dated August 18, August 26, and September 17, 1986;
  - C. Letter dated April 16, 1987;
  - D. Application dated July 09, 2002;
  - E. Letters dated February 11 and April 23, 2008; and
  - F. Letter dated August 5, 2008.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date August 15, 2008

By

Richard K. Struckmeyer  
State Agreements and Industrial  
Safety Branch  
Division of Materials Safety and  
State Agreements  
Office of Federal and State Materials and  
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