

**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, 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>Licensee</p> <p>1. Fenwal Incorporated</p> <p>2. 400 Main Street Ashland, MA 01721</p>	<p>In accordance with letter dated January 12, 1989</p> <p>3. License number 20-15285-02E is amended in its entirety to read as follows:</p> <p>4. Expiration date May 31, 1991</p> <p>5. Docket or Reference No. 030-12717</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Foil source (EAD Corp Model AMX-1100, Nuclear Radiation Development Model A-001 or Amersham Corporation Models AMM-1001H and AMM-1001D)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable (Refer to Condition 10)</p>
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**9. Authorized use**

A. Pursuant to Section 32.26, 10 CFR Part 32, 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.

**CONDITIONS**

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

<u>DEVICE MODEL</u>	<u>MAXIMUM QUANTITY PER DEVICE</u>
RSD 12B	3.53 microcuries
RSD 117A	3.52 microcuries
RSD 117AL	3.52 microcuries

*CANCELLED IN ERROR*

*BHM*

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number	20-15285-02E
Docket or Reference number	030-12717
Amendment No. 10	

CONDITIONS

(continued)

10. DEVICE MODEL

MAXIMUM QUANTITY PER DEVICE

CPD-1201A	3.52 microcuries
CPD-1201A-S0	3.52 microcuries
CPD-1212A	3.52 microcuries
CPD-1250A	3.52 microcuries
CPD-121A-S0	3.52 microcuries
CPD-121A-D	3.52 microcuries
RSD 9B	2.2 microcuries
CPD-7010	4.4 microcuries
CPD-7011	4.4 microcuries
CPD-7020	1.0 microcurie
CPD-7021	1.0 microcurie

11. This license does not authorize possession of use of licensed material.
  12. The licensee shall file a periodic report in accordance with the requirements of Section 32.29(c), 10 CFR Part 32.
- Each device distributed under this license shall be manufactured, tested and labeled in accordance with the statements, representations and procedures contained in application received June 11, 1974; letters dated December 9, 1974, January 15, 1975, February 18, 1975, February 28, 1975, October 29, 1975, November 14, 1975, June 18, 1975, April 22, 1976, August 10, 1976, June 15, 1977, September 7, 1977, November 10, 1977, December 19, 1977, June 26, 1978, August 28, 1978, September 6, 1978, November 29, 1978, May 1, 1979, September 13, 1979, December 11, 1979, July 13, 1981, September 7, 1981, and September 7, 1983, and application dated January 24, 1986.

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

DATE: OCT 2 1989

BY: [Signature]  
 Medical, Academic, and Commercial  
 Use Safety Branch  
 Division of Industrial and  
 Medical Nuclear Safety  
 Washington, DC 20555