

U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE

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Amendment No. 12

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 1, Parts 30, 31, 32, 33, 34, 35, 36, 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); and to import such byproduct and source material. 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>Honeywell, Inc.</p> <p>2701 Fourth Avenue South Minneapolis, Minnesota 55408</p>		<p>In accordance with letter dated May 31, 1977</p> <p>3. License number 22-01870-14E is amended in its entirety to read as follows:</p> <p>4. Expiration date September 30, 1979</p> <p>5. Docket or Reference No.</p>	
<p>Byproduct, source, and/or special nuclear material</p> <p>A. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Foil sources in smoke detection devices (Nuclear Radiation Developments Model A-001 or Amersham Corporation Model AMM-1001 or EAD Metallurgical Model AMX-1100 or Eberline Model DNS-5A)</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>	
<p>9. Authorized use</p> <p>A. Distribution of 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, when such devices have been manufactured pursuant to Section 32.26, 10 CFR 32, and the terms and conditions of the license.</p>			

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Supplementary Sheet

License Number 22-01870-14E

Docket or

Reference No. _____

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CONDITIONS

10. The smoke detector models listed below may be distributed pursuant to this license providing they contain not more than the amount of Americium 241 specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
TC49A	13.4 microcuries
TC49 Model 2	4.4 microcuries
TC89	4.4 microcuries
TC489	1.0 microcurie
TC49 Model 3	1.0 microcurie
TC89 Model 2	1.0 microcurie

11. This license does not authorize possession or use of licensed material.
12. Each device distributed under the license shall be manufactured, tested, and labeled in accordance with the statements, representations, and procedures contained in application dated March 29, 1974; letters dated September 6, 1974, August 22, 1974, January 8, 1975, July 9, 1975, October 2, 1975, January 21, 1976, October 22, 1976, January 24, 1977, February 14, 1977, February 17, 1977, February 22, 1977, March 23, 1977, June 23, 1977, August 2, 1977, September 7, 1977, November 1, 1977, January 9, 1978, May 31, 1977, July 11, 1978, August 17, 1978, and teletype dated August 10, 1978.
13. The licensee shall file an annual report as specified in Section 32.29(c), 10 CFR Part 32.

OCT 4 1978

For the U. S. Nuclear Regulatory Commission

Original Signed by

J. M. L. LINES

by Radioisotopes Licensing BranchDivision of Fuel Cycle and
Material Safety
Washington, D.C. 20555