

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

Licensee		
1. Name	Monsanto Company	3. License number GL 241 (C67)
2. Address	800 North Lindbergh Boulevard St. Louis, Missouri 63166	4. Expiration date March 31, 1967
		5. Reference No.
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time
A. Americium 241	A. U. S. Radium Corporation Model LAB 204-1A (REV. 2) foils.	A. 104 millicuries

9. Authorized use

A. Receive, demonstrate, distribute, install, relocate, maintain, and test fire detection devices manufactured under the provisions of Section 32.51 of 10 CFR, Part 32, and AEC License No. GL 133 issued to Pyrotronics, Inc., for distribution to persons generally licensed pursuant to Section 31.5 of 10 CFR, Part 31, or equivalent provisions of the regulations of an Agreement State.

CONDITIONS

10. The authorized place of use is any location within the facilities of the Monsanto Company, except in Agreement States as defined in Section 30.4(c) of Title 10, Code of Federal Regulations, Part 30. (This condition does not prohibit use in Agreement States under reciprocity privileges which may be granted by those states.)
11. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter I, "Standards For Protection Against Radiation".
12. Byproduct material shall be used by individuals who have satisfactorily completed the Pyrotronics radiation training program in accordance with application dated January 28, 1966.
13. The foil containing byproduct material shall not be removed from the device.
14. Tests for leakage and/or contamination of the foil contained in the fire detection devices shall be conducted in accordance with the procedures described in application dated January 28, 1966.
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Supplementary Sheet

License Number GL 241
(C67)

CONDITIONS

15. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct materials authorized by this license in accordance with the statements, representations, and procedures contained in application dated January 28, 1966.
16. No generally licensed device shall be installed by the licensee in such a manner or in such a location that any person could receive more than 0.5 rem in a calendar year under ordinary circumstances of use.
17. The licensee shall furnish to each general licensee to whom it transfers a generally licensed device a copy of Section 31.5, 10 CFR 31; Sections 30.34 and 30.51 through 30.63, 10 CFR 30; Sections 20.402 and 20.403, 10 CFR 20; and Appendix D, 10 CFR 20.
18. Except as provided otherwise in application dated January 28, 1966, the licensee is not authorized to repair, modify, dismantle, or affect any change in the fire detection devices manufactured pursuant to the terms and conditions of AEC License No. GL 133 issued to Pyrotronics, Inc.
19. The licensee is not authorized to modify or alter labels affixed to the fire detection devices manufactured by Pyrotronics, Inc., in accordance with the terms and conditions of AEC License No. GL 133.
20. All transfers of fire detection devices under this license to persons generally licensed pursuant to Section 31.5, 10 CFR 31, shall be reported to the Director, Division of Materials Licensing, U. S. Atomic Energy Commission. The report shall identify each general licensee by name and address, the number and types of devices transferred, and the quantity of Americium 241 contained therein. The report shall be submitted to the Commission within thirty days after the end of each calendar quarter in which the fire detection devices are transferred to generally licensed persons.
21. Devices distributed under this license shall be installed by persons specifically licensed to perform this service.

MAR 24 1966

Date _____

For the U. S. Atomic Energy Commission
Original Signed
William O. Miller

by _____ Isotopes Branch

Division of Materials Licensing
Washington, D. C. 20545

LICENSE CONTROL FORM

Applicant Monsanto Company 800 N. Lindbergh Blvd. St. Louis, Mo. 63166	License No. SL-341	Amend No.	Expiration Date	Control No. 70738
	Date Received 04/22/68	Date Issued	POS 612	SKL

() Letter () Application Dated: _____

<u>BY-PRODUCT</u>	<u>CHEMICAL OR PHYSICAL FORM</u>	<u>POSS. LIMIT</u>
<p><i>Not an application</i></p>		

Date Mailed:	Reviewer:	Date Completed:
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