

JAN 27 1981

The Harshaw Chemical Company
Hydrofluoric Acid Department
ATTN: D. A. Wilson
Manager, Occup. Health &
Ind. Hygiene
1945 East 97th Street
Cleveland, Ohio 44106

License No. 34-06558-09
Control No. 04315

SUBJECT: LICENSE RENEWAL APPLICATION

Gentlemen:

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Any correspondence regarding the renewal application should reference the control number specified and your license number.

Sincerely,

John W. Cooper Ph.D., Chief
Regional Licensing Section
Material Licensing Branch
Division of Fuel Cycle and
Material Safety

POOR ORIGINAL

810 3800/36

OFFICE	RIII					
SURNAME	Cooper/cw					
	1/26/81					

**U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE**

Page 1 of 3 Pages

Amendment No. 03

D05

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.

Licensee 1. The Marshaw Chemical Company Hydrofluoric Acid Department 2. 1945 East 97th Street Cleveland, Ohio 44106		In accordance with application dated December 17, 1980, 3. License number 34-06558-09 is amended in its entirety to read as follows: 4. Expiration date March 31, 1986 5. Docket or Reference No.
6. Byproduct, source, and/or special nuclear material A. Cesium-137 B. Cesium-137	7. Chemical and/or physical form A. Sealed Sources (Texas Nuclear Model No. 570- 57157C) B. Sealed Sources (Texas Nuclear Model No. 570- 57157C)	8. Maximum amount that licensee may possess at any one time under this license A. 2 sources of 200 millicuries each B. 4 sources of 200 millicuries each

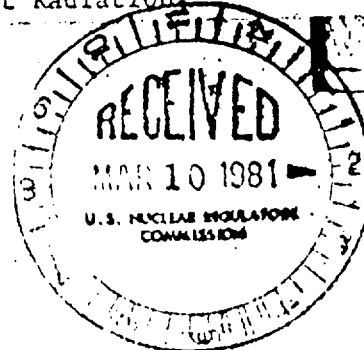
9. Authorized use

- A. For use in Texas Nuclear Model 5192 Source Holders for level measurements.
 B. For use in Texas Nuclear Model 5193 Source Holders for level measurements.

CONDITIONS

10. Licensed material shall be used only at licensee's facilities at 1000 Harvard Avenue, Cleveland, Ohio.
 11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers, Inspections" and Part 20, "Standards for Protection Against Radiation."

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES



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04315

MATERIALS LICENSE

Supplementary Sheet

License Number 34-05552-09

Docket or
Reference No. _____

Amendment No. 03

Continued from Page 1

CONDITIONS

12. Licensed material shall be used by, or under the supervision of, Harry M. Cogar.
13. A. (1) Each Sealed Source shall be tested for leakage and/or contamination at intervals not to exceed three years. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.

(2) The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.

B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.

C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.

D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
15. Installation, initial radiation survey of devices, relocation, maintenance, repair, and removal from service of the devices containing licensed material and installation replacement, and disposal of sealed sources containing licensed material used in the devices shall be performed only by Texas Nuclear Corporation or by other persons specifically authorized by the Commission or an Agreement State to perform such services.

U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE
Supplementary Sheet

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License Number 34-06552-09

Docket or
Reference No. _____

Attachment No. 03

Continued from Page 2

CONDITIONS

16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6., 7., and 8. of this license in accordance with statements, representations, and procedures contained in application dated December 17, 1980. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

Date MAR 6 1981

For the U. S. Nuclear Regulatory Commission
ORIGINAL SIGNED BY JOHN W. COOPER
by _____
Material Licensing Branch

Division of Fuel Cycle and
Material Safety
Washington, D.C. 20555