

UNITED STATES
ATOMIC ENERGY COMMISSION

SOURCE MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954, and Title 10, Code of Federal Regulations, Chapter 1, Part 40, "Licensing of Source Material," and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, possess and import the source material designated below; to use such material for the purpose(s) and at the place(s) designated below; and to deliver or transfer such material to persons authorized to receive it in accordance with the regulations in said Part. 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, including Title 10, Code of Federal Regulations, Chapter 1, Part 20, "Standards for Protection Against Radiation," and to any conditions specified below.

Licensee		3. License No.
1. Name	The Dow Chemical Company	STB-527, Amendment No. 05
2. Address	Midland, Michigan 48640	4. Expiration Date March 31, 1978
		5. Docket No. 40-17
6. Source Material	7. Maximum quantity of source material which licensee may possess at any one time under this license	
Thorium	200,000 pounds as metal or process sludge 1,000 pounds as oxide or fluoride 300 pounds as compounds	

CONDITIONS

8. Authorized use (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)

For receipt, storage and transfer to authorized recipients in accordance with statements, representations, and procedures specified in the licensee's applications dated February 22, 1962, March 30, 1962, February 23, 1968, February 22, 1971, July 28, 1972, and January 31, 1973.

9. Authorized places of use: The licensee's facilities located at:

- a. Bay City, Michigan
- b. Midland, Michigan
- c. Madison, Illinois

Date of issuance	March 9, 1973	For the U. S. ATOMIC ENERGY COMMISSION
		Original signed by
		Materials Branch
		FRANK C. DAVIS
		Directorate of Licensing

Docket File

850829012