

L&R:JL
70-36

AUG 30 1960

**Mallinckrodt Nuclear Corporation
Second & Mallinckrodt Streets
St. Louis 7, Missouri**

**Attention: Mr. L. J. Swallow
Hexatite Plant**

Gentlemen:

Enclosed is Special Nuclear Material License SEM-33, as amended.

Very truly yours,

**J. C. Delaney
Chief, Nuclear Materials Section
Licensing Branch
Division of Licensing and Regulation**

**Enclosure:
SEM-33, as amended**

Distribution:

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Delaney and St. Health, Lic. only

48-53

OFFICE	L&R	FIN	L&R			
SURNAME	Delaney/je	No objection col	Delaney			
DATE	8/1/60	8/29/60	8/30/60			

UNITED STATES
ATOMIC ENERGY COMMISSION

SPECIAL NUCLEAR MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 70, "Special Nuclear Material Regulations," a license is hereby issued authorizing the licensee to receive and possess the special nuclear material designated below; to use such special nuclear material for the purpose(s) and at the place(s) designated below; and to 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 70.32(a) of said regulations, 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		3. License No. SNM-33, as amended
1. Name	Mallinckrodt Nuclear Corporation	4. Expiration Date January 31, 1962
2. Address	Second & Mallinckrodt Streets St. Louis 7, Missouri	5. Docket No. 70-36
6. Special Nuclear Material	7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license is limited to that which may be used in accordance with the procedures specified in Item 8 below.	
	Uranium enriched in the U-235 isotope.	
8. Authorized use	For the preparation of uranium in various chemical and physical forms, and related activities, including storing and shipping, in accordance with the procedures described in the licensee's application of Dec. 10 & 15, 1959, and Jan. 22 & 30, Feb. 2, (Research Lab.) (con'd, see below)	
9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part	None herein allocated.	

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
Authorized place of use: The licensee's plant near Hannibal, Missouri, as described in the licensee's application.
8. **con'd Feb. 5 & 9, May 11 & 25, June 29, July 16 and Dec. 23, 1959; March 2 & 3, April 14 & 16, July 8 (as augmented Aug. 16) and 19, 1960.**

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance

J. C. Delaney
8/30/60