

70-36
LRL:JCD

MAR 3 1958

Mallinckrodt Chemical Works
Second and Mallinckrodt Streets
St. Louis 7, Missouri

Attention: Mr. W. M. Leaders, Technical Director
Special Metals Division

Gentlemen:

Enclosed is special nuclear material license SEM-33, as amended.

Very truly yours,

Lyall Johnson
Chief, Licensing Branch
Division of Licensing & Regulation

Enclosure:
SEM-33, as amended

DISTRIBUTION:

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E-64

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DATE	2-10-58	2-3-58	2-11-58	3/3/58		

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.
1. Name	Mallinckrodt Chemical Works	SM-33, as amended
2. Address	Second and Mallinckrodt Streets St. Louis 7, Missouri	4. Expiration Date July 1, 1961
		5. Docket No. 70-36
6. Special Nuclear Material Uranium enriched in the U-235 isotope.	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.	
8. Authorized use. For the preparation of uranium metal and compounds, blending operations and waste recovery, using the procedures described in the licensee's application of May 15, 1956 with supplements of June 18, August 9, and August 21, 1956, January 21, March 5 and October 21, 1957, and three supplements dated February 4, 1958.		
9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part No special nuclear material is 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 Hematite, Missouri, as described in the licensee's application.**
11. **All transfers of uranium enriched in the U-235 isotope are to be made in accordance with the procedures approved by the Commission.**

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance MAR 3 1958

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Lyall Johnson
Chief, Licensing Branch