

70-36  
70-848  
LRL:JCD

JAN 26 1959

**Hallinckrott Nuclear Corporation  
St. Louis 7, Missouri**

**Attention: Mr. John G. Moore  
Vice President**

**Gentlemen:**

**Enclosed are Special Nuclear Material licenses SNM-33 and SNM-350 issued to you authorizing the activities previously approved for Hallinckrott Chemical Works. Enclosed also is a copy of our letter to Hallinckrott Chemical Works regarding the issuance of these licenses.**

**Distribution:**  
OROO Attn: Dr.H.M.Roth  
DFMusser NMM  
MMMann INS  
JCRyan FIN (2)  
HSteele  
SRGustavson  
Document room  
Formal file

**Very truly yours,**

**Lyell Johnson  
Chief, Licensing Branch  
Division of Licensing & Regulation**

**Enclosures:  
SNM-33 & 350  
By our ltr to NW  
Suppl. file  
Br & Div rf's  
s/health (lic.only)**

OFFICE ▶	LRL	LRL			FIN	
SURNAME ▶	<i>Johnson/cw</i>	<i>LJohnson</i>			<i>WJC</i>	
DATE ▶	1-26-59	1-26-59			1/23/59	

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	<b>Mallinckrodt Nuclear Corporation</b>	<b>SNM-33</b>
2. Address	<b>Second &amp; Mallinckrodt Streets St. Louis 7, Missouri</b>	4. Expiration Date
		<b>January 31, 1962</b>
		5. Docket No.
		<b>70-36</b>
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.	
<b>Uranium enriched in the U-235 isotope.</b>		
8. Authorized use <b>For the preparation of uranium metal compounds, blending, pelleting, waste recovery and fuel preparation in accordance with the procedures described in the licensee's application of December 15, 1958.</b>		
9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part <b>None herein allocated.</b>		

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

Effective  
Date of issuance **January 1, 1959**

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**Lyell Johnson**  
**Chief, Licensing Branch**

*[Handwritten signature]*

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70-36  
 70-248  
 70-299  
 LRL:JCD

JAN 26 1959

Mallinckrodt Chemical Works  
 St. Louis 7, Missouri

Attention: Mr. John G. Moore  
 Vice President

Gentlemen:

Reference is made to your letters of December 15 and 31, 1958,  
 regarding the formation of the Mallinckrodt Nuclear Corporation.

As indicated in the referenced correspondence, Special Nuclear Material  
 licenses SSM-33 and SSM-230 previously issued to Mallinckrodt Chemical  
 Works are hereby revoked. Enclosed is license SSM-276 issued to  
 Mallinckrodt Chemical Works authorizing the activities described  
 in the December 31, 1958 letter. Enclosed also for your information  
 are copies of licenses SSM-33 and SSM-230 issued effective January 1,  
 1959, to Mallinckrodt Nuclear Corporation.

Very truly yours,

Lynn Johnson  
 Chief, Licensing Branch  
 Division of Licensing & Regulation

Enclosures:  
 SSM-33, 230 & 276

OFFICE ▶	LRL	LRL			FIN
SURNAME ▶	J. DeLooney	L. Johnson			See initials attached
DATE ▶	1-26-59	1-26-59			drop

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St. Louis 7, Missouri

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Iyall Johnson  
Chief, Licensing Branch  
Division of Licensing & Regulation

*← Dave*

OFFICE ▶	LRL	LRL			FIN	
SURNAME ▶	JCRyan cw	LJohnson			<i>[Signature]</i>	
DATE ▶	1-26-59	1- -59			1/29/59	