

12-17-5

AEC-401  
(1-56)

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> Armour Research Foundation of  Illinois Institute of Technology</b>	<del>SM-49</del> , as amended
2. Address	<b> Technology Center  10 West 35th Street  Chicago 16, Illinois</b>	4. Expiration Date  <b> October 31, 1962</b>
6. Special Nuclear Material	<b> Plutonium and uranium enriched  in the U-235 isotope.</b>	5. Docket No.  <b> 75-4</b>
7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license	<b> 300 grams of U-235 as  contained in uranium enriched in the U-235  isotope. 112.1 grams of plutonium encap-  sulated as a Pu-239 neutron source and cond</b>	
8. Authorized use	<b> For use in accordance with the procedures described in the  licensee's application dated Sept. 5, 1955, Sept. 29, 1959, Feb. 4, 1960, and  Feb. 10 &amp; 27 and Mar. 17, 1961, and in accordance with the procedures and state-  ments referenced in condition 15 of Special Material License No. 12-171-3 dated  Feb. 27, 1959.</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.  
 **Licensed material may be also used at the licensee's Chemistry and  
 Physics Research Department at 33rd and South State Streets and at 3440 South  
 State Street, Chicago, Illinois.**

7. (Con'd)  **the plutonium produced by the irradiation of 1 kg. of uranium.**

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance \_\_\_\_\_

J. C. Delaney