

LRL:JDL  
Docket No. 70-58

APR 5 1960

The Martin Company  
Baltimore 3  
Maryland

Attention: Mr. J. V. Loppert  
Licensing Officer  
Nuclear Division

Gentlemen:

Enclosed is Special Nuclear Material License No.  
SNM-53, as amended.

For information regarding procurement prior to June  
30, 1960, of the allocated material, you should com-  
municate with the Dayton Area Office, U. S. Atomic  
Energy Commission, BOX 66, Miamisburg, Ohio, Attention:  
Mr. W. B. Creamer, Area Manager.

DISTRIBUTION

Very truly yours,

W. B. Creamer, DAO, w/encl. & (3 cys NMD)

L. D. MacKay, OROO, -FIN-, w/encl.

Div. of INS, w/encl.

D. F. Musser, NMM, w/encl. & (1 cy NMD)

H. Steele, LRL, w/encl.

S. R. Gustavson, LRL, w/encl. & (1 cy NMD)

S/Health, lic. only

J. C. Delaney, lic. only

Doc. Rm., w/encl.

Formal, w/encl.

Suppl., w/encl. & (1 cy NMD)

J. C. Delaney

Chief, Nuclear Materials Section

Licensing Branch

Division of Licensing and Regulation

Enclosures:

SNM-53, as amended

L&R - LRL Readings, w/encl.

J. J. Lane, LRL, w/encl.

AK53

OFFICE ▶	LRL	FIN	NMM	LRL	
SURNAME ▶	J. J. Lane /rh	[Signature]	W. B. Creamer for S. R. Gustavson	J. C. Delaney	
DATE ▶	3/30/60	3/31/60	4/4/60	4/5/60	

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.                              |
|---|--|---|
| 1. Name   | <b>The Martin Company</b>  | <b>SNM-53, as amended</b>                   |
| 2. Address  | <b>Baltimore 3, Maryland</b>   | 4. Expiration Date<br><b>April 30, 1963</b> |
|   |  | 5. Docket No.<br><b>70-58</b>               |
| 6. Special Nuclear Material   | 7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license  |   |
| <b>Uranium enriched in the U-235 isotope, and plutonium.</b>  | <b>500 kgs U-235 contained in uranium enriched in the U-235 isotope as UO<sub>2</sub> and metal, and 160 grams Pu-239 as a Pu-Be neutron source.</b> |   |
| 8. Authorized use: <b>For the development and fabrication of reactor fuel elements in accordance with the procedures described in the licensee's application dated Oct. 11, 1956, as amended Oct. 24, 1956, and as amended by amendments executed Dec. 6, 1957; Jan. 15, 1958 and March 23, 1960.</b> |  |   |
| 9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part<br><b>0.16 kg Pu-239 encapsulated as a Pu-Be neutron source.</b>  |  |   |

CONDITIONS

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

**Place of Use: Licensee's Middle River Plant, Maryland**

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance

U. S. GOVERNMENT PRINTING OFFICE : 1956 - O-385852 **J. C. Delaney**  
**Division of Licensing and Regulation**

*Handwritten signatures and dates:*  
3/30/60  
4/5/60

FORM AEC-437  
(11-57)

U. S. ATOMIC ENERGY COMMISSION

## NUCLEAR MATERIAL DRAFT

TO (Supplying Operations Office):

U. S. Atomic Energy Commission  
Dayton Area Office  
P. O. Box 66  
Miamisburg, Ohio  
Attention: Mr. W. B. Creamer

DELIVER TO OR ORDER OF (SS Material Representative and Address):

The Martin Company  
Baltimore 3, Maryland  
Attention: Mr. J. V. Loppert  
Licensing Officer  
Nuclear Division

IDENTIFICATION NO.

7000/SWM-53/DCA-46(2)

ON OR ABOUT (Date of Delivery):

Prior to June 30, 1960

### THE FOLLOWING NUCLEAR MATERIAL:

ORDERED		DESCRIPTION AND NOTES	SHIPPED	
Kg.	Wt. %		Kg.	Wt. %
0.16	-	Pu-239 encapsulated as a Pu-Be neutron source.		
DATED: <i>SEP 4/5/60</i>		<i>J. C. Delaney</i> J. C. Delaney Chief, Nuclear Materials Section Licensing Branch Division of Licensing and Regulation	CERTIFIED HEREBY CERTIFY THAT THE ABOVE QUANTITY WILL NOT EXCEED MATERIAL APPROVED FOR THIS DIVISION FOR FISCAL YEAR 1960. <i>H. A. Carney</i> for D. E. George, Act. Dir., Div. of Nuclear Materials Management	
Ordering Operations Office		Headquarters Division Director	Director, Division of Nuclear Materials Management APR 4 1960	