

CT. 3-4

DML:DFH  
70-424  
SNM-551, as renewed

AUG 9 1965

Combustion Engineering, Inc.  
Nuclear Division  
Windsor, Connecticut

Attention: Mr. S. H. Shippenberg  
Business Manager

Gentlemen:

Enclosed is AEC Special Nuclear Material License No. SNM-551, as renewed.

Very truly yours,

Donald A. Nussbaumer, Chief  
Source & Special Nuclear Materials Branch  
Division of Materials Licensing

Enclosure:  
SNM-551, as renewed

DISTRIBUTION:

- Suppl. w/encl.
- Doc. Room w/encl.
- State Health (lic. only)
- Compliance, HQs 2 w/encl.
- H. J. McAlduff, OROO w/encl.
- D. George, NMM w/encl.
- N. Doulos, ML w/encl.
- C. Luke, ML w/encl.
- Br. RF w/encl.
- Div. RF w/o encl.

|           |                  |                   |                  |  |  |  |
|-----------|------------------|-------------------|------------------|--|--|--|
| OFFICE ▶  | DML<br><i>DA</i> | DML<br><i>Don</i> | DML<br><i>DN</i> |  |  |  |
| SURNAME ▶ | DFHarmon:jc      | Cluke             | DNussbaumer      |  |  |  |
| DATE ▶    | 7/28/65          | 7/29/65           | 8/9/65           |  |  |  |

COPY

Form 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.<br>SNM-551, as renewed |
| 1. Name Combustion Engineering Inc.<br>Nuclear Division  | 2. Address Windsor, Connecticut   | 4. Expiration Date<br>August 31, 1968 |
|  |   | 5. Docket No.<br>70-424               |
| 6. Special Nuclear Material  | 7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license |                                       |
| A. Uranium enriched to 5% in the isotope U-235   | A. 1000 kilograms U-235   |                                       |
| B. Uranium enriched to any percentage in the isotope U-235   | B. 2 kilograms U-235  |                                       |
| C. Uranium enriched to 15% in the isotope U-235  | C. 27 kilograms U-235   |                                       |
| 8. Authorized use For use in accordance with the procedures described in the licensee's revised application dated October 17, 1961, and supplements thereto dated November 22, December 1 and December 13, 1961; January 12, February 13, March 6, June 1, August 23, October 5, November 30 and December 20, 1962; (Cont) |   |                                       |
| 9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part<br>- - - - -   |   |                                       |

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.  
Authorized Place of Use: A. The licensee's nuclear manufacturing facility; a  
B. The licensee's nuclear laboratory facility.
- \*8. (Cont) June 4, June 19, September 16 and November 9, 1964; and January 28, March 9, May 3, May 11, June 1, June 15 and June 24, 1965; except to the extent that the applications refer to superseded provisions of the Commission's Regulation, "Standards for Protection Against Radiation," 10 CFR 20.

COPY  
SPECIAL NUCLEAR  
MATERIAL LICENSE  
Supplementary Sheet

License Number SNM-551  
renew

- 11. Pursuant to 10 CFR 40, "Licensing of Source Material," Combustion Engineering, Inc. is hereby licensed to receive, possess, use and transfer 8000 pounds of source material in accordance with the procedures described in the licensee's revised application dated October 17, 1961, as supplemented November 22, 1961, December 20, 1962, and June 4, 1964.
- 12. Pursuant to 10 CFR 71, "Regulations to Protect Against Accidental Condition of Criticality in the Shipment of Special Nuclear Material," Combustion Engineering Inc. is hereby authorized to ship special nuclear material in accordance with the procedures described in the licensee's application date June 15, 1965, provided that commingling control is exercised for each shipment of special nuclear material in quantities greater than those specified in 10 CFR 71 by one of the following methods:
  - A. Exclusive use of the vehicle; or
  - B. Under escort by a courier assigned responsibility to assure that the shipment will not be commingled with other special nuclear material. The courier shall assure that the shipment is separated by at least twenty (20) feet from other special nuclear material at points of loading, transshipment, storage and carriage; or
  - C. The licensee obtains a written certificate from the carrier which specifies that the special nuclear material will be transported in the same vehicle with no intermediate unloading or transshipment until final delivery to the consignee and that no cargo containing other special nuclear material will be transported in the same vehicle. The certificate shall also specify the name of the carrier, the consignee, the location of the consignee's facility at the destination, the mode of transport and the general route to be followed.

Date           AUG 9 1965          

*DU*  
*7/29/65*  
*8/1/65*  
COPY

For the U. S. Atomic Energy Commr

Donald A. Nussbaumer  
by Division of Materials Lice  
XXXXXXXXXXXXXXXXXXXX  
Washington 25, D. C.