

L&R:JL  
70-139

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Engelhard Industries, Inc.  
D. E. Makepeace Division  
Pine and Dunham Streets  
Attleboro, Massachusetts

Attention: Mr. John H. Durant  
Business Manager

Gentlemen:

Enclosed is Special Nuclear Material License  
No. SNM-185, as amended.

Very truly yours,

J. C. Delaney  
Chief, Nuclear Materials Branch  
Division of Licensing & Regulation

Enclosure:  
SNM-185, as amended

|           |              |                |                   |  |  |  |
|-----------|--------------|----------------|-------------------|--|--|--|
| OFFICE ▶  | I&R          | FIN            | I&R               |  |  |  |
| SURNAME ▶ | J. Lane: sjs | <i>L. Lane</i> | <i>J. Delaney</i> |  |  |  |
| DATE ▶    | 10/24/60     | 10/24/60       | 10/24/60          |  |  |  |

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>Ingalhard Industries, Inc.</b>                                                                             | <b>SNM-185, as amended</b> |
| 2. Address                                                                                                                                                                                                                                                                                                                                   | <b>D. K. Makepeace Division<br/>Pine &amp; Dunham Streets<br/>Attleboro, Massachusetts</b>                    | 4. Expiration Date         |
|                                                                                                                                                                                                                                                                                                                                              |                                                                                                               | <b>September 30, 1962</b>  |
| 6. Special Nuclear Material                                                                                                                                                                                                                                                                                                                  |                                                                                                               | 5. Docket No.              |
| <b>Uranium enriched in the U-235 isotope.</b>                                                                                                                                                                                                                                                                                                |                                                                                                               | <b>70-139</b>              |
|                                                                                                                                                                                                                                                                                                                                              | 7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license |                            |
|                                                                                                                                                                                                                                                                                                                                              | <b>Eleven hundred eighty (1180) kgs of U-235 contained in uranium enriched in the U-235 isotope.</b>          |                            |
| 8. Authorized use; <b>For the fabrication of reactor fuel elements and related activities using the procedures described in the licensee's applications of 7-30-57, as amended 2-5 and 12-9-58; 1-13 and 30, 3-3, 4-9, and (2) of 4-17, 5-28 (2), 6-3, 7-11, 8-3, 9-23 and 25, 10-8, 11, and 30, 11-2, 5, and 6, and 12-15 and 28, 1959.</b> |                                                                                                               |                            |
| 9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part                                                                                                                                                                                                                                      |                                                                                                               |                            |
| <b>None</b>                                                                                                                                                                                                                                                                                                                                  |                                                                                                               |                            |

CONDITIONS

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

8. (con'd) and 1-6 and (2) of 1-22 (1. incineration and 2. fabrication not including shipping procedures) 2-16 and 19, 3-8, 11, and 24, 7-26, 8-11, and 9-13, 1960.

Authorized place of use: **The licensee's fuel element processing plant located on Route No. 152, Plainville, Massachusetts.**

For the U. S. ATOMIC ENERGY COMMISSION

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

**J. C. Delaney,**  
**Division of Licensing and Regulation**