

In reply refer to:
 Docket Nos. 70-90 & 40-690
 L&R:PCB

FEB 12 1958

Engelhard Industries, Inc.
 Baker Platinum Division
 113 Astor Street
 Newark 2, New Jersey

Attention: Mr. C. H. Berghern
 Vice President

Gentlemen:

Enclosed is License No. SNM-98, as amended and License No. C-3387, Amendment No. 2.

For information on the procurement, prior to June 30, 1958, of the special nuclear and source materials allocated and authorized to be received under the respective licenses, you should communicate with U. S. Atomic Energy Commission, Oak Ridge Operations Office, P. O. Box E, Oak Ridge, Tennessee, Attention: Dr. H. M. Roth.

Very truly yours,

DISTRIBUTION:

- Formal Docket file, w/encl.
- Suppl. Docket file, w/encl.
- Document Room file, w/encl.
- H. M. Roth, OROO, w/encl.
- M. M. Mann, INS, w/encl.
- D. F. Musser, NMM, w/encl.

Lyall Johnson
 Chief, Licensing Branch
 Division of Licensing and Regulation

Enclosures:

1. License SNM-98, as amended
2. License C-3387, Amendment No. 2

- J. C. Ryan, FIN, w/encl. (2)
- H. Steele, L&R, w/encl.
- S. R. Gustavson, L&R, w/encl.
- Br. & Div. Reading files, w/encl.

THE ALLOCATION DESCRIBED HEREIN
 HAS BEEN ASSIGNED ALLOCATION
 NO. DCA-142

B/39

OFFICE	I&R	I&R	FIN	NMM	L&R
SURNAME	Sullivan	J. C. Ryan	M. R. Kellogg	Jerome	L. Johnson
DATE	2-10-58	2/11/58	2/11/58	2-10-58	2/12/58

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. SNM-98, as amended
1. Name	Engelhard Industries, Inc. Baker Platinum Division	4. Expiration Date July 31, 1962
2. Address	113 Astor Street Newark 2, New Jersey	5. Docket No. 70-90
6. Special Nuclear Material Uranium enriched in the U-235 isotope	7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license (a) Up to 70 kilograms; and (b) up to 2 grams, both quantities being U-235 contained in uranium enriched in the U-235 isotope.	
8. Authorized use By licensee operating under its changed corporate designation as represented in its 12-27-57 application, for use: (a) in the enriched cold scrap recovery operations in conformity with the procedures outlined in its corporate predecessor's applications of 2-18-57 (cont'd see # below)		
9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part Two (2) grams U-235 aggregate contained in fifteen (15) uranium isotopic samples. (No material previously allocated.)		

CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
Licensee's chemical refinery area at 149 Murray Street, Newark 5, New Jersey.
8. (cont'd)
***and 4-22-57; and (b) in the establishment of quality control standards in accordance with its January 14, 1958 application and supplement thereto of January 27, 1958.**

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance FEB 11 1958

Iyall Johnson
Chief, Licensing Branch

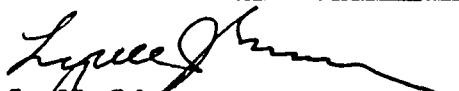

Handwritten initials and scribbles at the bottom left of the page.

NUCLEAR MATERIAL DRAFT

TO (Supplying Operations Office): Oak Ridge Operations Office Oak Ridge, Tennessee Attention: Dr. H. M. Roth	DELIVER TO OR ORDER OF (SS Material Representative and Address): Engelhard Industries, Inc. Baker Platinum Division 113 Astor Street Newark 2, New Jersey	IDENTIFICATION NO. 7000 - SNM-98, as amended - 142
		ON OR ABOUT (Date of Delivery): Prior to June 30, 1958

THE FOLLOWING NUCLEAR MATERIAL:

ORDERED		DESCRIPTION AND NOTES	SHIPPED	
Kg.	Wt. %		Kg.	Wt. %
<u>Approx.</u>	<u>Approx.</u>			
3.0 x 10 ⁻⁶	1.0	Contained in approximately 0.3 gr. total uranium isotopic sample.		
6.0 x 10 ⁻⁶	2.0		do.	
9.0 x 10 ⁻⁶	3.0		do.	
16.0 x 10 ⁻⁵	5.0		do.	
50.0 x 10 ⁻⁵	17.0		do.	
55.0 x 10 ⁻⁵	18.0		do.	
60.0 x 10 ⁻⁵	20.0		do.	
68.0 x 10 ⁻⁵	23.0		do.	
76.0 x 10 ⁻⁵	25.0		do.	
83.0 x 10 ⁻⁵	28.0		do.	
90.0 x 10 ⁻⁵	30.0		do.	
24.0 x 10 ⁻⁴	80.0		do.	
25.0 x 10 ⁻⁴	84.0		do.	
27.0 x 10 ⁻⁴	88.0		do.	
28.0 x 10 ⁻⁴	93.0		do.	
0.5	Normal	Constituting spectrographic sample.		

Ordering Operations Office	 Lyell Johnson Chief, Licensing Branch Division of Licensing and Regulation Headquarters Division Director	CERTIFIED I HEREBY CERTIFY THAT THE ABOVE QUANTITY WILL NOT EXCEED THE QUANTITY OF NUCLEAR MATERIAL APPROVED FOR THIS DIVISION FOR FISCAL YEAR 1958.  D. F. MUSSER, DIRECTOR, DIV. OF NUCLEAR MATERIALS MANAGEMENT Director, Division of Nuclear Materials Management FEB 8 1958
----------------------------	--	---