



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

DATE: 2/7/95

MESSAGE TO: Tom Brown  
\_\_\_\_\_

TELECOPY NUMBER: 908-205-6868

NUMBER OF PAGES: 10

(INCLUDING THIS REQUEST FORM)

MESSAGE FROM: John Lusher

U.S.N.R.C., REGION I, KING OF PRUSSIA, PA

TRANSMITTED BY: Sharon Johnson (610-337-5395)

DATE & TIME: 2/7/95 11:30 AM

VERIFIED BY: \_\_\_\_\_

*1984  
15R A P...  
[Signature]*

*B/153*

Engelhard Industries, Inc.

Tom Brown  
908-205-7265  
Fax  
908-205-6868

Dear Mr. Brown:

Attached is some short summaries of two licenses in question as to their proper disposition. Also attached are copies of other licenses that may help shed some light on the other licenses.

Please see if you can find any information on these licenses and facilities. If there are any questions please call John H. Lusher, 610-337-5078.

### ORNL SITES - SUMMARY

License No.: SNM-00098 ORNL Score: 384,855  
Docket No.: 070-00090  
Licensee: Engelhard Industries, Inc. Review Status: **File Reviewed**  
(Formerly Baker and Company, Inc.)  
Site Address(es): 113 Astor Street 149 Murray Street  
Newark, NJ Newark, NJ  
149 Delancy Street Wulberry Street  
Newark, NJ Newark, NJ

Related License(s): C-03387, SNM-00892, [NOT ON LIST: 29-04181-01, C-04149, C-04229, R-00121, S-04938, SNM-00715]

Review Abstract: License No. SNM-00098 was issued June 26, 1957 for the possession and use of 170 kg of enriched uranium in the recovery of U-235 from cold scrap, 2 g of enriched uranium for spectrographic analysis, and 0.002 g of byproduct material and plutonium as byproduct material from the processing of used fuel elements. The license was terminated on April 20, 1964.

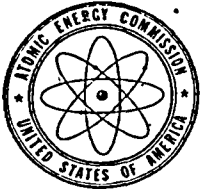
### ORNL SITES - SUMMARY

License No.: C-03387 ORNL Score: 52  
Docket No.: 040-00680  
Licensee: Engelhard Industries, Inc. Review Status: **File Reviewed**  
(Formerly Baker and Company, Inc.)  
Site Address(es): 113 Astor Street 149 Murray Street  
Newark, NJ Newark, NJ

Related License(s): SNM-00098, SNM-00892, [NOT ON LIST: 29-04181-01, C-04149, C-04229, R-00121, S-04938, SNM-00715]

Review Abstract: License No. C-03387 was issued October 12, 1956 for the possession and use of up to 500 pounds of refined source material in the form of uranium products for research and development on rolling, drawing, and fabricating metals and fuel elements, and processing, purification, and recovery procedures. The license also authorized possession and use of up to 20,000 pounds of refined source material in the form of scrap or contaminated metal for recovery of source material and 500 grams of normal refined uranium for use as spectrographic samples in the determination of product purity. The license expired July 31, 1962.

February 7, 1995



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON 25, D. C.

IN REPLY REFER TO:

40-336  
IRL:ND

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

Attention: Mr. J. W. Becker  
Purchasing Department

Gentlemen:

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to, at the above stated location, one hundred and forty-four (144) pounds of source material during the term of this license for use in the manufacture of platinum metal products containing thorium.

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

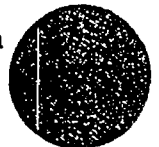
This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards For Protection Against Radiation."

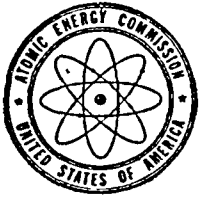
Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

This license shall expire October 31, 1961.

FOR THE ATOMIC ENERGY COMMISSION

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





UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON 25, D. C.

IN REPLY REFER TO:

**40-396**  
**LEL:ND**

**Engelhard Industries, Inc.**  
**113 Astor Street**  
**Hewark 2, New Jersey**

**Attention: Mr. J. W. Becker**

SOURCE MATERIAL LICENSE

License No. **C-4149**

Dated: **JUN 1 1958**

**Gentlemen:**

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to, at the above stated location, one hundred and fifty (150) pounds of source material during the term of this license for use as described in your application of June 5, 1958.

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

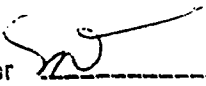
This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards For Protection Against Radiation."

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.


This license shall expire **June 30, 1959.**

CC: Docket Officer  
Document Room  
S/ Health  
M.M. Mann, Insp.

FOR THE ATOMIC ENERGY COMMISSION

Dictator 

J. C. Delaney  
Chief, Materials Section  
Licensing Branch  
Division of Licensing and Regulation

Approved 

*Previous license No R-121 expired 3/1/58*

40-3845  
LEL:ND

SOURCE MATERIAL LICENSE

License No. C-4558

Dated: FEB 6 1959

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

Attention: Mr. Lawrence C. Burman

Gentlemen:

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to three hundred (300) pounds of source material during the term of this license for use in the manufacture of "lustre" colors for application to ornamental glass products. The coloring compound is to contain a maximum of 5% uranium. This license extends to your refinery at 149 Murray St., Newark, New Jersey, and the Hanovia Liquid Gold Division at 1 West Central Avenue, East Newark, New Jersey.

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

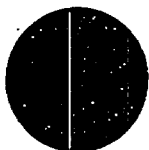
This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards for Protection Against Radiation".

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

This license shall expire February 29, 1960.

FOR THE ATOMIC ENERGY COMMISSION

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



UNITED STATES  
ATOMIC ENERGY COMMISSION

WASHINGTON 25, D. C.

IN REPLY REFER TO:

CS:LC:LJ

SOURCE MATERIAL LICENSE

License No. R-121

Baker & Co., Inc.  
113 Astor Street  
Newark 5, New Jersey

Gentlemen:

Pursuant to the Atomic Energy Act of 1946 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, and in view of the information contained in your application for license, you are hereby authorized:

1. To receive possession of and title to not more than five (5) pounds of refined source material (thorium nitrate) during any single calendar month from processors and distributors licensed by the Atomic Energy Commission, for use in the manner described in your application for license only.

(Applications for additional quantities in any month should be filed on form AEC-8, in triplicate. A separate application must be made for each transaction in excess of the five (5) pound quantity here authorized.)

2. To transfer and deliver possession of and title to refined source material (alloys and catalyst materials) to any person licensed by the Atomic Energy Commission, within the limits of his license. The receipt of possession of and title to such alloys and catalyst materials by the normal consumers of these is herewith licensed, but not for export from the United States.

(Each transaction which is an export from the United States shall have prior authorization, regardless of quantity, which may be applied for on form AEC-7, in duplicate.)

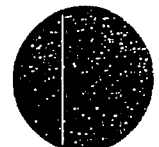
As a condition of issuance of this license, you are required to report your inventories, consumption, receipts and deliveries of refined source material (except deliveries of alloys) each month on form AEC-4, in accordance with the instructions on the form.

This license shall expire at 12:01 a.m., E.S.T., on February 1, 1955.

FOR THE ATOMIC ENERGY COMMISSION

Iyall Johnson  
Chief, Licensing Controls Branch

Dated: February 24, 1954.



UNITED STATES  
ATOMIC ENERGY COMMISSION

WASHINGTON 25, D. C.

IN REPLY REFER TO:  
40-680

SOURCE MATERIAL LICENSE

License No. C-3387  
Amendment No. 2

Dated: MAR 29 1957

Baker & Company, Inc.  
113 Astor Street  
Newark 5, New Jersey

Attention: Mr. C. R. Berghern  
Vice-President

Gentlemen:

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to five hundred pounds of refined source material during the term of this license for use in research and development on rolling, drawing and fabricating metals and fuel elements, and processing, purification and recovery procedures.

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards For Protection Against Radiation."

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

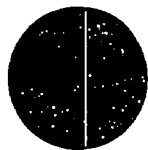
This license shall expire November 1, 1957.

FOR THE ATOMIC ENERGY COMMISSION

Lyall Johnson  
Chief, Licensing Branch  
Division of Civilian Application

Enclosure:  
10 CFR 20

CC: Document Room





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.


<b>Licensee</b>		<b>3. License No.</b> SMM-98
<b>1. Name</b> Baker & Company, Inc.		<b>4. Expiration Date</b> July 31, 1962
<b>2. Address</b> 113 Astor Street Newark 5, New Jersey		<b>5. Docket No.</b> 70-90
<b>6. Special Nuclear Material</b>  Uranium enriched in the U-235 isotope	<b>7. Maximum quantity of special nuclear material which licensee may possess at any one time under this license</b>  Up to 70 kilograms of U-235 contained in uranium enriched in the U-235 isotope	
<b>8. Authorized use</b>  For use in the recovery of cold scrap in accordance with the procedures described in the licensee's applications dated February 18 and April 22, 1957.		
<b>9. Quantity of special nuclear material allocated to licensee pursuant to Section 70.31(b) of said part</b>  None		

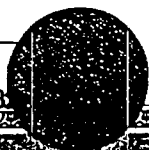
**CONDITIONS**

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

For the U. S. ATOMIC ENERGY COMMISSION

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

  
Lyall Johnson  
Chief, Licensing Branch



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>Engelhard Industries, Inc. Baker Platinum Division</b>	<b>SNM-98, as amended</b>
2. Address	<b>113 Astor Street Newark 2, New Jersey</b>	4. Expiration Date
		<b>July 31, 1962</b>
		5. Docket No.
		<b>70-90</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.</b>	<b>Up to 170.003 kilograms of U-235 contained in uranium enriched in the U-235 isotope.</b>	
8. Authorized use <b>In scrap recovery operation and as isotopic standards in accordance with the procedures described in the licensee's applications of 12-27-57, 1-14-58, 1-27-58, 5-9-58, 5-28-58, 7-8-58, 7-15-58 and 8-27-58.</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.

**Place of use: Licensee's chemical refinery area at 149 Murray Street, Newark 5, New Jersey**

For the U. S. ATOMIC ENERGY COMMISSION

Date of issuance SEP 15 1958

**J. C. Delaney**  
Division of Licensing & Regulation

*Handwritten initials/signature*

