

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE SUI-00950

Licensee: ENGELHARD MINERAL AND CHEMICAL CORPORATION
Site of operation: NEWARK, NJ

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

1. License nonsuspect because it is import or export only

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION
The reason for elimination was: IMPORT OR EXPORT LICENSE

EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 0307, BOX 10

Docket 40-07824

Licensee: ENGELHARD MINERAL AND CHEMICAL CORPORATION
Address: NEWARK, NJ Zip: 07114
State of operation: NJ
Site used: NEWARK, NJ
Disposition information present: NO DISPOSITION INFORMATION GIVEN
This license was listed as terminated on 03/31/73
Remarks:
JOB NUMBER: 0307 BOX NUMBER: 10

CONTENTS OF
INVENTORY RECORD IN JOB 0307, BOX 10

Docket 40-07824

Licensee: ENGELHARD MINERAL AND CHEMICAL CORPORATION
Address: NEWARK, NJ Zip: 07114
State of operation: NJ
Site used: NEWARK, NJ
Disposition information present: NO DISPOSITION INFORMATION GIVEN
This license was listed as terminated on 03/31/73
Remarks:
JOB NUMBER: 0307 BOX NUMBER: 10

Date of last evaluation/revision: 09/21/92

Reviewer: BWK

C/11



95
03

2450

U.S. DEPARTMENT OF COMMERCE
OFFICE OF FIELD SERVICES
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10007

October 15, 1971

Director
Division of Materials Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Sir:

Enclosed is quadruplicate copy of U. S. Import Certificate No. NY-36582-MA issued by this office of Philipp Brothers Division of Engelhard, Minerals, 299 Park Avenue, New York, N. Y. 10017.

Our regulations direct us to forward this copy to you.

Sincerely,


A. C. Rutzen
Director

U.S. DEPARTMENT OF COMMERCE
BUREAU OF INTERNATIONAL COMMERCE
AND
U.S. DEPARTMENT OF STATE
OFFICE OF MUNITIONS CONTROL

INTERNATIONAL IMPORT CERTIFICATE ²⁹³⁰
(CERTIFICAT INTERNATIONAL D'IMPORTATION)

NOTE: Read instructions on the reverse side before completing and submitting this form. (Lire les instructions au verso avant de remplir et de présenter la présente formule.)

Certificate Number **NY 36582 MA**

1. Importer/Importateur (Name and address - Nom et adresse)
Philipp Brothers Division of Engelhard Minerals & Chemicals Corporation
99 Park Avenue
New York, N.Y. 10017

FOR OFFICIAL USE ONLY (Réserve au service administratif)



2. Exporter/Exportateur (Name and address - Nom et adresse)
EH Minerals SDN, BHD.
P.O. Box 59
Station Road
Koh, Malaysia

Not valid unless official seal of Department of Commerce or Department of State appears in this space. (Non valable à moins qu'un sceau officiel du Ministère du Commerce ou Ministère d'Etat ne soit apposé dans cet espace.)

3. Description of goods (Designation de la Marchandise)	TSUS Anno. No. (Numero de la liste)	Quantity (Quantite)	Value (Valeur) (FOB, CIF, etc.)
Malaysian Monazite Sand	601.4500	50 LT	US\$5,750.00 FOB Main Malaysian port

4. Representation and undertaking of U.S. importer or principal

The undersigned hereby represents that he has undertaken to import into the United States of America under a U.S. Consumption Entry or U.S. Warehouse Entry the commodities in quantities described above, or, if the commodities are not so imported into the United States of America, that he will not divert, transship, or reexport them to another destination except with explicit approval of the Department of Commerce or of the Department of State. The undersigned also undertakes to notify the appropriate U.S. Department immediately of any changes of fact or intention set forth herein. If a delivery verification is required, the undersigned also undertakes to obtain such verification and make disposition of it in accordance with such requirement. Any false statement willfully made in this declaration is punishable by fine and imprisonment. (See excerpts from U.S. Code on reverse side.)

Déclaration et engagement de l'importateur ou du commettant des Etats-Unis

Le soussigné déclare par les présentes qu'il a pris l'engagement d'importer aux Etats-Unis d'Amérique, en vertu d'une Déclaration américaine de Mise en Consommation, ou d'une Déclaration américaine d'Entrée en entrepôt, la quantité de produits ci-dessus, et que, dans le cas où ces produits ne seraient pas ainsi importés aux Etats-Unis d'Amérique, il ne les détournera, ne les transbordera, ni les réexportera à destination d'un autre lieu, si ce n'est avec l'approbation formelle du Ministère du Commerce ou Ministère d'Etat. Le soussigné prend également l'engagement d'aviser le Ministère intéressé des Etats-Unis de tous changements survenus quant aux faits ou à l'intention énoncés dans la présente déclaration. Si demande est faite d'une confirmation de la livraison, le soussigné prend également l'engagement d'obtenir cette confirmation et d'en disposer de la manière prescrite par cette demande. Toute fausse déclaration faite intentionnellement expose l'auteur aux pénalités prévues par la loi. (Voir l'extrait du Code des Etats-Unis au verso.)

Type or Print
(Prière d'écrire
à la machine ou
en caractères
d'imprimerie)

**Philipp Brothers Division of
Engelhard Minerals & Chemicals
Corporation**

Type or Print
(Prière d'écrire
à la machine ou
en caractères
d'imprimerie)

Tibor Eisner-Import Manager

Name of Firm or Corporation
(Nom de la firme ou de la société)

Name and Title of Authorized Official
(Nom et titre de l'agent ou employé autorisé)

Signature of Authorized Official
(Signature de l'agent ou employé autorisé)

October 14, 1971

Date of Signature
(Date de la signature)

This document ceases to be valid unless presented to the competent foreign authorities within six months from its date of issue. (Le présent document perd sa validité s'il n'est pas remis aux autorités étrangères compétentes dans un délai de six mois à compter de sa délivrance.)

FOR OFFICIAL USE ONLY (Réserve au service administratif)

Certification: This is to certify that the above declaration was made to the U.S. Department of Commerce or State through the undersigned designated official thereof and that a copy of this certificate is placed in the official files.

Certification: Il est certifié par les présentes que la déclaration ci-dessus a été faite au Ministère du Commerce ou d'Etat des Etats-Unis par l'intermédiaire du fonctionnaire compétent soussigné de ce Ministère et qu'une copie de ce certificat a été placée dans les archives officielles.

Elena A. Norbone

14 OCT 1971

Designated Commerce or State Official (Fonctionnaire compétent du Ministère du Commerce ou d'Etat)

Date

SEP 10 1971

DML:MB:RL
40-7824

Engelhard Minerals and Chemicals
Corporation
ATTN: Mr. F. P. Mohide, Assistant Manager
Nuclear Service Department
430 Mountain Avenue
Murray Hill, New Jersey 07974

Gentlemen:

Thank you for your letter dated August 30, 1971, informing us of the import of two separate shipments of source material under License No. SUI-950.

Title 10, Code of Federal Regulations, Part 40 has been amended to require other means of obtaining information regarding import of source material. Accordingly, Item 9 of Source Material License No. SUI-950 is hereby deleted. Reports of imports are no longer required on this license.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by
Robert L. Layfield

Robert L. Layfield
Materials Branch
Division of Materials Licensing

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Division R/F
RLayfield's R/F
CO, Region I ←
CLHilliard
CRBuchanan
AGabell, DR:ADM
State Health

STRO
to Tape 5
file # 3
7/8/71

DML

DML

RLayfield:th CRBuchanan
9/ /71 9/ /71

DOCKET NO. 40-7824

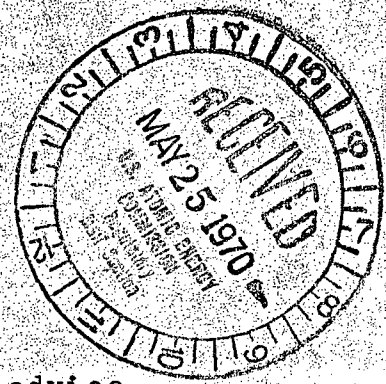
ENGELHARD For Div. of Compliance
MINERALS & CHEMICALS CORPORATION

113 ASTOR STREET NEWARK, N. J. 07104 TELEPHONE AREA CODE 201-242-2700

May 20th 1970

EXECUTIVE OFFICES

Mr. D F Harmon
Division of Materials Licensing
U S Atomic Energy Commission
Washington, DC 20545



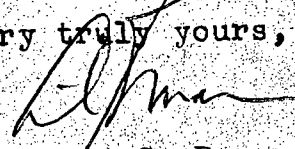
Dear Mr. Harmon:

On May 13th 1969, we sent you the attached advice with regard to a shipment of South African uranium to the General Electric Co.

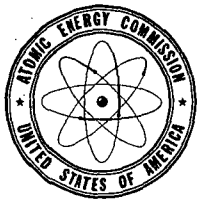
We find that we were in error as to the quantity.

The actual amount of U_3O_8 delivered, in this lot, was approximately 550,000 lbs.

We regret the error, and trust that you will adjust your records accordingly.

Very truly yours,


Lawrence C. Burman, Manager
Nuclear Service Department



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

DML:DPH
40-7824

MAR 16 1970

Engelhard Minerals & Chemicals
Corporation
113 Astor Street
New Jersey 07114

Attention: Dr. Lawrence C. Burman, Manager
Nuclear Service Department

Gentlemen:

Thank you for your letter of March 2, 1970, which provided information required by Item 9 of your AEC Source Material License No.

SUI-950. We appreciate your cooperation.

Sincerely,

Original signed by
Don F. Harmon

Don F. Harmon
Source and Special Nuclear
Materials Branch
Division of Materials Licensing

bcc: R. G. Page, NMS, w/incoming
S. Nordlinger, DIA, w/incoming

DISTRIBUTION:

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Docket file

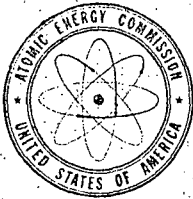
Branch R/F

Division R/F

Harmon's R/F

CO, Region I

M. A. Dean, DML



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

OCT 6 1969

DML:DFH
40-7824

Engelhard Minerals & Chemicals Corporation
113 Astor Street
Newark, New Jersey 07114

Attention: Dr. Lawrence C. Burman, Manager
Nuclear Service Department

Gentlemen:

Thank you for your letter of September 23, 1969, which provided information required by Item 9 of your AEC Source Material License No. SUI-350. We appreciate your cooperation.

Sincerely,

Original signed by
Don. F. Harmon

Don F. Harmon
Source and Special Nuclear
Materials Branch
Division of Materials Licensing

bcc: R. Page, NMS, w/incoming

DISTRIBUTION:

PDR

Docket file

Branch R/F

Division R/F

Compliance, I

Harmon's R/F

N. Doulos, DML

JUL 11 1969

DML:RLL
40-7624

Engelhard Industries
115 Aster Street
Newark, New Jersey 07114

Attention: Dr. Lawrence C. Burnan, Manager
Nuclear Service Department

Gentlemen:

Thank you for your letter dated July 7, 1969, which
provided information required by Item 9 of your AEC Source
Material License No. SBI-950. We appreciate your cooperation.

Sincerely,

Original signed by
Robert L. Layfield

Robert L. Layfield
Source & Special Nuclear
Materials Branch
Division of Materials Licensing

bcc: R. Page, NMS w/incoming

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→ Compliance, Region I

N. Doulos, DML

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Division Reading File

JUL 12 1969

ENGELHARD
I N D U S T R I E S

For Div of Compliance

113 ASTOR STREET • NEWARK, NEW JERSEY 07114 • TELEPHONE AREA CODE 201-242-2700

July 7th 1969

EXECUTIVE OFFICES

Secretary
Johnson
HP

Mr. D F Harmon
Division of Materials Licensing
U S Atomic Energy Commission
Washington, DC 20545

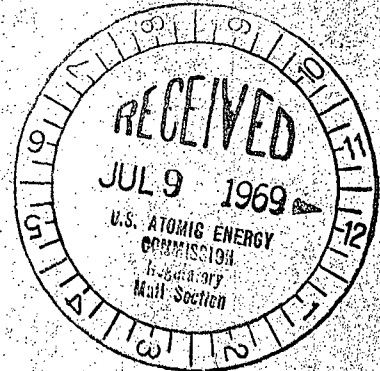
Dear Mr. Harmon:

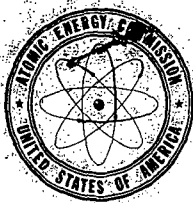
This is to advise you, in accordance with SUI-950, that approximately 215,000 lbs of uranium concentrates arrived in Baltimore on July 3rd, from South Africa, for the account of Westinghouse, to whom it is now in transit.

With best regards, as before,

Sincerely,

Lawrence C. Burman
Lawrence C. Burman, Manager
Nuclear Service Department





UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

DML:DPH
40-7824

MAY 19 1969

Engelhard Industries
113 Astor Street
Newark, New Jersey 07114

Attention: Dr. Lawrence C. Burman, Manager
Nuclear Service Department

Gentlemen:

Thank you for your letter of May 15, 1969, which provided
information required by Item 9 of your AEC Source Material
License No. SHI-950. We appreciate your cooperation.

Sincerely,

Original signed by
Don. F. Harmon

Don F. Harmon
Source & Special Nuclear Materials
Branch
Division of Materials Licensing

bcc: R. Page, NMS w/incoming

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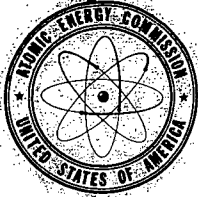
Compliance, Region I

N. Doulos, DML

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JUN 2 1969



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

DML:DPW
40-7824

DEC 13 1968

Engelhard Industries
115 Astor Street
Newark, New Jersey 07114

Attention: Dr. Lawrence C. Garman, Manager
Nuclear Service Department

Gentlemen:

Thank you for your letter of December 6, 1968, which provided information required by Item 9 of your AEC Source Material License No. SU1-950. We appreciate your cooperation in this matter.

Sincerely,

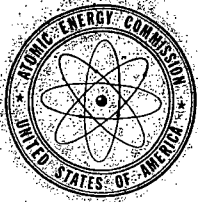
Sam P. Harman
Source & Special Nuclear Materials
Branch
Division of Materials Licensing

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N. Doulos, DML
R. Page, HMS *w/ incoming*
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DEC 16 1968



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

IN REPLY REFER TO:

DHL:DFU
40-7624

JUN 4 1968

DIV. OF COMPLIANCE
REG. I, USAEC, N. Y.
RECEIVED

JUN 10 10 45 AM '68

Engelhard Minerals & Chemicals Corporation
115 Astor Street
Newark, New Jersey 07114

Attention: Mr. Lawrence C. Surman
Manager Nuclear Service Department

Gentlemen:

Thank you for your letter of May 27, 1968, which provided information required by Item 9 of your AEC Source Material License No. SUI-950. We appreciate your cooperation in this matter.

Very truly yours,

Don F. Harmon
Source & Special Nuclear Materials Branch
Division of Materials Licensing

cc: R. Wischow, NMS w/2 incoming

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M. Deules, PCL
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Division Reading File

BUCKET NO. 40-7824

ENGELHARD
I N D U S T R I E S

For Div. of Compliance 2-2700

113 ASTOR STREET • NEWARK, NEW JERSEY 07114 • TELEPHONE AREA CODE 201-2-2700

EXECUTIVE OFFICES

May 27, 1968

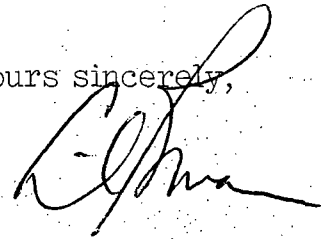
Mr. D. F. Harmon
Source & Special Nuclear Materials Branch
Division of Materials Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Harmon:

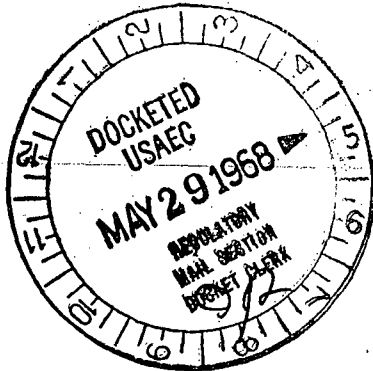
In accordance with the requirements of license number SUI-950, we wish to report the importation in May of approximately six hundred thousand pounds of U308 concentrates from South Africa.

This material has been shipped to the Weighing and Sampling Plant of L. Pitkin, Metropolis, Illinois for the account of Westinghouse Electric Corporation, the purchasers of the concentrates.

Yours sincerely,



Lawrence C. Burman
Manager Nuclear Service Department



ACKNOWLEDGED

COPY
UNITED STATES
ATOMIC ENERGY COMMISSION

SOURCE MATERIAL LICENSE

Pursuant to the Atomic Energy Act of 1954, and Title 10, Code of Federal Regulations, Chapter 1, Part 40, "Licensing of Source Material," and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to ~~receive, possess and~~ import the source material designated below; ~~to use such material for the purpose of work at the plant(s) designated below, and to deliver, or 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 183 of the Atomic Energy Act of 1954 and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission, now or hereafter in effect, including Title 10, Code of Federal Regulations, Chapter 1, Part 20, "Standards for Protection Against Radiation," and to any conditions specified below.

<p>Licensee</p> <p>1. Name Engelhard Minerals & Chemical Corporation</p> <p>2. Address 113 Astor Street Newark, New Jersey 07114</p>	<p>3. License No. SUI-950</p> <p>4. Expiration Date March 31, 1973</p> <p>5. Docket No. 40-7824</p>
<p>6. Source Material</p> <p>Uranium</p>	<p>7. Maximum quantity of source material which licensee may possess ^{import} at any one time under this license</p> <p>One million pounds</p>

CONDITIONS

8. Authorized use (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)
- For import only in accordance with the procedures described in the licensee's application dated March 25, 1968.
9. Within ten (10) days following each import made under this license, the licensee shall file a report with the Commission indicating the destination and quantity of uranium imported.

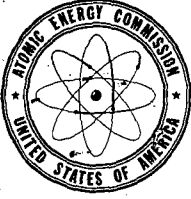
For the U. S. ATOMIC ENERGY COMMISSION

APR 4 1968

Date of issuance _____

Don F. Harmon

Division of Materials Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

DML:DFH
40-7824

APR 4 1968

Engelhard Minerals & Chemical
Corporation
113 Astor Street
Newark, New Jersey 07114

Attention: Mr. Lawrence C. Burman, Manager
Nuclear Service Department

Gentlemen:

Enclosed is AEC Source Material License No. SUI-950.

Please note that Item 9 of this license requires you to submit a report to us within ten (10) days of each import made under this license. If you have any questions about this item, please let me know.

Very truly yours,

DISTRIBUTION:

Document Room w/encl.
State Health (license only)
Subject File w/encl.
Compliance, Reg. I, w/encl.
N. Doulos, DML w/3 cys. of lic.
Br. Reading File w/encl.
Div. Reading File w/o encl.

Don F. Harmon
Source & Special Nuclear Materials
Branch
Division of Materials Licensing

Enclosure:
License No. SUI-950

COCKET NO.

40-7824

UNITED STATES ATOMIC ENERGY COMMISSION

APPLICATION FOR SOURCE MATERIAL LICENSE

Pursuant to the regulations in Title 10, Code of Federal Regulations, Chapter 1, Part 40, application is hereby made for a license to receive, possess, use, transfer, deliver or import into the United States, source material for the activity or activities described.

For Div. of Compliance

<p>1. (Check one)</p> <p><input type="checkbox"/> (a) New license</p> <p><input type="checkbox"/> (b) Amendment to License No. _____</p> <p><input type="checkbox"/> (c) Renewal of License No. _____</p> <p><input checked="" type="checkbox"/> (d) Previous License No. _____</p>		<p>2. NAME OF APPLICANT</p> <p>ENGELHARD MINERALS & CHEMICAL CORP.</p> <p>3. PRINCIPAL BUSINESS ADDRESS</p> <p>113 ASTOR STREET, NEWARK, N.J. 07114</p>															
<p>4. STATE THE ADDRESS(ES) AT WHICH SOURCE MATERIAL WILL BE POSSESSED OR USED</p> <p>Material is for re-sale, not for use by EMCC.</p>																	
<p>5. BUSINESS OR OCCUPATION</p> <p>Metals refining and trading</p>		<p>6. (a) IF APPLICANT IS AN INDIVIDUAL, STATE CITIZENSHIP</p>		<p>(b) AGE</p>													
<p>7. DESCRIBE PURPOSE FOR WHICH SOURCE MATERIAL WILL BE USED</p> <p>Engelhard is the North American sales agents for the combined South African uranium mining industry, representing Nuclear Fuels Corp. of South Africa. The material covered is to be imported into the USA and will, generally, have been sold prior to entry.</p>																	
<p>8. STATE THE TYPE OR TYPES, CHEMICAL FORM OR FORMS, AND QUANTITIES OF SOURCE MATERIAL YOU PROPOSE TO RECEIVE, POSSESS, USE, OR TRANSFER UNDER THE LICENSE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">(a) TYPE</th> <th style="width:35%;">(b) CHEMICAL FORM</th> <th style="width:25%;">(c) PHYSICAL FORM (Including % U or Th.)</th> <th style="width:25%;">(d) MAXIMUM AMOUNT AT ANY ONE TIME (in pounds)</th> </tr> </thead> <tbody> <tr> <td>NATURAL URANIUM</td> <td rowspan="2">Calcined U₃O₈ concentrates - 90-92% U₃O₈ or UF₆ in cylinders</td> <td rowspan="2"></td> <td rowspan="2">One million pounds per shipment</td> </tr> <tr> <td>URANIUM DEPLETED IN THE U-235 ISOTOPE</td> </tr> <tr> <td>THORIUM (ISOTOPE)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					(a) TYPE	(b) CHEMICAL FORM	(c) PHYSICAL FORM (Including % U or Th.)	(d) MAXIMUM AMOUNT AT ANY ONE TIME (in pounds)	NATURAL URANIUM	Calcined U ₃ O ₈ concentrates - 90-92% U ₃ O ₈ or UF ₆ in cylinders		One million pounds per shipment	URANIUM DEPLETED IN THE U-235 ISOTOPE	THORIUM (ISOTOPE)			
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URANIUM DEPLETED IN THE U-235 ISOTOPE																	
THORIUM (ISOTOPE)																	
<p>(e) MAXIMUM TOTAL QUANTITY OF SOURCE MATERIAL YOU WILL HAVE ON HAND AT ANY TIME (in pounds)</p> <p>One million pounds, generally in transit</p>																	
<p>9. DESCRIBE THE CHEMICAL, PHYSICAL, METALLURGICAL, OR NUCLEAR PROCESS OR PROCESSES IN WHICH THE SOURCE MATERIAL WILL BE USED, INDICATING THE MAXIMUM AMOUNT OF SOURCE MATERIAL INVOLVED IN EACH PROCESS AT ANY ONE TIME, AND PROVIDING A THOROUGH EVALUATION OF THE POTENTIAL RADIATION HAZARDS ASSOCIATED WITH EACH STEP OF THOSE PROCESSES.</p> <p>In transit from port of entry to a sampling plant, prior to conversion to UF₆ in a commercial plant, or, if as UF₆, for delivery to an AEC enrichment facility.</p>																	
<p>10. DESCRIBE THE MINIMUM TECHNICAL QUALIFICATIONS INCLUDING TRAINING AND EXPERIENCE THAT WILL BE REQUIRED OF APPLICANT'S SUPERVISORY PERSONNEL INCLUDING PERSON RESPONSIBLE FOR RADIATION SAFETY PROGRAM (OR OF APPLICANT IF APPLICANT IS AN INDIVIDUAL).</p> <p>None.</p>																	
<p>DESCRIBE THE EQUIPMENT AND FACILITIES WHICH WILL BE USED TO PROTECT HEALTH AND MINIMIZE DANGER TO LIFE OR PROPERTY AND RELATE THE USE OF THE EQUIPMENT AND FACILITIES TO THE OPERATIONS LISTED IN ITEM 9; INCLUDE: (a) RADIATION DETECTION AND RELATED INSTRUMENTS (including film badges, dosimeters, counters, air sampling, and other survey equipment as appropriate. The description of radiation detection instruments should include the instrument characteristics such as type of radiation detected, window thickness, and the range(s) of each instrument).</p> <p>None</p>																	
<p>(b) METHOD, FREQUENCY, AND STANDARDS USED IN CALIBRATING INSTRUMENTS LISTED IN (a) ABOVE, INCLUDING AIR SAMPLING EQUIPMENT (for film badges, specify method of calibrating and processing, or name supplier).</p> <p>Not applicable.</p>																	

11(c). VENTILATION EQUIPMENT WHICH WILL BE USED IN OPERATIONS WHICH PRODUCE DUST, FUMES, MISTS, OR GASES, INCLUDING PLAN VIEW SHOWING TYPE AND LOCATION OF HOOD AND FILTERS, MINIMUM VELOCITIES MAINTAINED AT HOOD OPENINGS AND PROCEDURES FOR TESTING SUCH EQUIPMENT.

Not applicable.

RECEIVED

12. DESCRIBE PROPOSED PROCEDURES TO PROTECT HEALTH AND MINIMIZE DANGER TO LIFE AND PROPERTY AND RELATE THESE PROCEDURES TO THE OPERATIONS LISTED IN ITEM 9; INCLUDE: (a) SAFETY FEATURES AND PROCEDURES TO AVOID NONNUCLEAR ACCIDENTS, SUCH AS FIRE, EXPLOSION, ETC., IN SOURCE MATERIAL STORAGE AND PROCESSING AREAS.

1968 MAR 27 AM 8 28

Material is in transit, packaged in approved containers.

U.S. ATOMIC ENERGY COMM.
REGULATORY
MAH & RECORDS SECTION

(b) EMERGENCY PROCEDURES IN THE EVENT OF ACCIDENTS WHICH MIGHT INVOLVE SOURCE MATERIAL

Not applicable.

(c) DETAILED DESCRIPTION OF RADIATION SURVEY PROGRAM AND PROCEDURES.

Not applicable.

13. WASTE PRODUCTS: *If none will be generated, state "None" opposite (a), below. If waste products will be generated, check here and explain on a supplemental sheet:*

- (a) Quantity and type of radioactive waste that will be generated. **NONE**
- (b) Detailed procedures for waste disposal.

14. IF PRODUCTS FOR DISTRIBUTION TO THE GENERAL PUBLIC UNDER AN EXEMPTION CONTAINED IN 10 CFR 40 ARE TO BE MANUFACTURED, USE A SUPPLEMENTAL SHEET TO FURNISH A DETAILED DESCRIPTION OF THE PRODUCT, INCLUDING:

- (a) PERCENT SOURCE MATERIAL IN THE PRODUCT AND ITS LOCATION IN THE PRODUCT.
- (b) PHYSICAL DESCRIPTION OF THE PRODUCT INCLUDING CHARACTERISTICS, IF ANY, THAT WILL PREVENT INHALATION OR INGESTION OF SOURCE MATERIAL THAT MIGHT BE SEPARATED FROM THE PRODUCT.
- (c) BETA AND BETA PLUS GAMMA RADIATION LEVELS (*Specify instrument used, date of calibration and calibration technique used*) AT THE SURFACE OF THE PRODUCT AND AT 12 INCHES.
- (d) METHOD OF ASSURING THAT SOURCE MATERIAL CANNOT BE DISASSOCIATED FROM THE MANUFACTURED PRODUCT.

CERTIFICATE

(This item must be completed by applicant)

15. *The applicant, and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 40, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.*

~~ENGELHARD MINERALS & CHEM. CORP.~~
(Applicant named in Item 2)

Dated March 25th 1968

BY

(Print or type name under signature)

**Lawrence C. Burman, Manager
Nuclear Service Department**

(Title of certifying official authorized to act on behalf of the applicant)

WARNING: 18 U.S.C. Section 1001; Act of June 25, 1948; 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

BOOKED 20