

APPLICATION FOR AEC LICENSE TO  
TRANSFER, DELIVER, EXPORT, OR RECEIVE  
URANIUM OR THORIUM SOURCE MATERIALPursuant to Code of Federal Regulations, Title 10—  
Atomic Energy, Part 40—Control of Source MaterialTO: U. S. Atomic Energy Commission,  
P. O. Box 30, Ansonia Station,  
New York 23, N. Y.Washington, D.C.  
Attn: Licensing  
Branch

2. PREVIOUS AEC LICENSE NUMBER, IF ANY.

D 626

## INSTRUCTIONS

File two (2) copies of this application with the U. S. Atomic Energy Commission, P. O. Box 30, Ansonia Station, New York 23, N. Y. This application may be used for an original license or for the renewal of a license. In the case of a renewal, this application should be received by the Commission on or before 30 days before the expiration of the previous license. Complete blocks 1, 2, 3, 9, and if you combine two or more of the activities of Producer, Processor, Distributor, Exporter, or Consumer, complete each of the applicable blocks numbered 4 through 8.

1.

NAME  
AND  
ADDRESS  
OF  
APPLICANT  
(Street,  
city,  
zone,  
state)THE HARSHAW CHEMICAL COMPANY  
1945 EAST 97TH STREET  
CLEVELAND 6, OHIO

ATTENTION: MR. H. C. HOMBERG

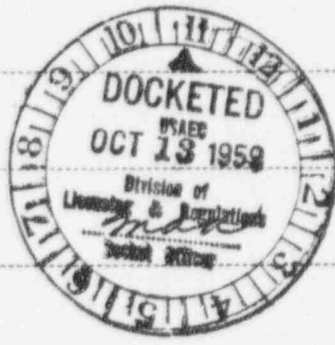
3. INVENTORY. INVENTORY OF SOURCE MATERIAL, RAW AND REFINED, AS OF July 31, 1959  
(Specify date of last inventory)

INSTRUCTION—Include all source material in your possession or under your control, regardless of location. Include any source material you have possession of but which is owned by others, whether or not they are licensees of the Commission. Please specify that part of your inventory which is owned by other persons, listing the names, addresses, and quantities owned by each. Do not include in this inventory any raw source material not yet removed from its place of deposit in nature.

## (a) Raw Source Material

| DESCRIPTION OF MATERIAL | ESTIMATED PERCENT<br>URANIUM OR THORIUM | QUANTITY IN<br>INVENTORY<br>(Gross tons) | NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM<br>THAT IN BLOCK 1 ABOVE |
|-------------------------|---|--|---|
|                         |   |  |   |
|                         |   |  |   |
|                         |   |  |   |
|                         |   |  |   |
|                         |   |  |   |
|                         |   |  |   |
|                         |   |  |   |

## (b) Refined Source Material

| DESCRIPTION OF MATERIAL | GRADE<br>(Comm., CP,<br>USP, etc.) | PERCENT OF<br>URANIUM OR<br>THORIUM | QUANTITY<br>(Lb.) | NAME AND ADDRESS OF OWNER, IF DIFFERENT<br>FROM THAT IN BLOCK 1 ABOVE                 |
|-------------------------|------------------------------------|-------------------------------------|-------------------|---|
| Uranium Acetate         | Reagent                            | 56 %                                | 7.84              |  |
| " Nitrate               | "                                  | 47 %                                | 2.56              |   |
| Sodium Uranate          | Tech                               | 70 %                                | 6.00              |   |
| Thorium Nitrate         | "                                  | 42 %                                | 4.25              |   |
| " containing Catalyst   | "                                  | 5 %                                 | 284.00            |   |
|                         |                                    |                                     |                   |   |
|                         |                                    |                                     |                   |   |

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IF YOU REQUEST AN ATOMIC ENERGY COMMISSION LICENSE TO TRANSFER AND  
THIS BOX AND SUPPLY THE INFORMATION REQUESTED IN THIS BLOCK AS WELL

A circular postmark from New York, dated OCT 10 1878. The text "NEW YORK" is at the top, "OCT 10" is in the center, and "1878" is at the bottom. There is also some faint, illegible text on the left side of the circle.

**9. CERTIFICATION AND AGREEMENT.** THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION AND AGREEMENT ON BEHALF OF THE APPLICANT (1) CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH CODE OF FEDERAL REGULATIONS, TITLE 11—ATOMIC ENERGY, PART 40—CONTROL OF SOURCE MATERIAL; (2) CERTIFY THAT ALL INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF THEIR KNOWLEDGE AND BELIEF; AND (3) AGREE THAT IN THE EVENT THAT THIS APPLICATION IS APPROVED BY THE ATOMIC ENERGY COMMISSION, AND A LICENSE IS ISSUED, THAT THE DULY AUTHORIZED REPRESENTATIVES OF THE COMMISSION MAY FREELY INSPECT AT ALL REASONABLE TIMES FACILITIES AND RECORDS, TAKE SAMPLES FOR ASSAY, AND DO SUCH OTHER THINGS AS WILL, IN THE OPINION OF THE COMMISSION, ASSURE THAT ALL SOURCE MATERIAL HANDLED BY THE APPLICANT UNDER THE AUTHORITY OF HIS LICENSE, IS PROPERLY ACCOUNTED FOR AND USED.

BY

*H. C. Homberg*

(Signature of applicant)

October 8, 1959

(Date)

Asst. Treasurer and Controller

(Title)

Section 35 (A) of the United States Criminal Code, 18 U. S. C. Sec. 80, 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.

(FOR GOVERNMENT USE ONLY)

UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION  
SOURCE MATERIAL LICENSE

LICENSE NO. \_\_\_\_\_

State of *Ohio*, County of *Cuyahoga*:  
Subscribed and sworn to (or affirmed) before  
me this *8th* day of *Oct*, 19*59*.

*A. Wolinsky*

S. L. SOLOSKY, Notary Public  
My Commission Expires Aug. 25, 1962

**9. CERTIFICATION AND AGREEMENT.** THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION AND AGREEMENT ON BEHALF OF THE APPLICANT (1) CERTIFY THIS APPLICATION IS PREPARED IN CONFORMITY WITH CODE OF FEDERAL REGULATIONS, TITLE 11--ATOMIC ENERGY, PART 40--CONTROL OF SOURCE MATERIAL; (2) CERTIFY INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF THEIR KNOWLEDGE AND BELIEF; AND (3) AGREE THAT IN THE EVENT THAT THIS APPLICATION IS APPROVED BY THE ATOMIC ENERGY COMMISSION, AND A LICENSE IS ISSUED, THAT THE DULY AUTHORIZED REPRESENTATIVES OF THE COMMISSION MAY FREELY INSPECT AT ALL REASONABLE TIMES FACILITIES AND RECORDS, TAKE SAMPLES FOR ASSAY, AND DO SUCH OTHER THINGS AS WILL, IN THE OPINION OF THE COMMISSION, ASSURE THAT ALL SOURCE MATERIAL HANDLED BY THE APPLICANT UNDER THE AUTHORITY OF HIS LICENSE, IS PROPERLY ACCOUNTED FOR AND USED.

BY H. C. Homberg

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(FOR GOVERNMENT USE ONLY)

UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION

LICENSE NO. \_\_\_\_\_

SOURCE MATERIAL LICENSE

State of Iowa, County of Crawshagen:  
Subscribed and sworn to (or affirmed) before  
me this 8th day of Oct, 1959.

A. Solosky

S. L. SOLOSKY, Notary Public  
My Commission Expires Aug. 25, 1962