



40-1566  
UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

REGULATORY FILE CY

CERTIFICATION OF STATUS OF SOURCE MATERIAL ACTIVITIES  
UNITED STATES ATOMIC ENERGY COMMISSION

LICENSE NUMBER

SMC 606

LICENSEE: The Harshaw Chemical Company

ADDRESS: 1945 East 97th Street  
Cleveland, Ohio 44106

The licensee and any individual executing this certification on behalf of the licensee certify that (check appropriate item(s) below):

☐ No source materials have been procured and/or possessed by licensee.

☐ All source materials procured and/or possessed by licensee under Source Material License No. \_\_\_\_\_

☐ (1) have or will be prior to expiration of the above license transferred to \_\_\_\_\_  
(Institution, firm, hospital, person, etc.)

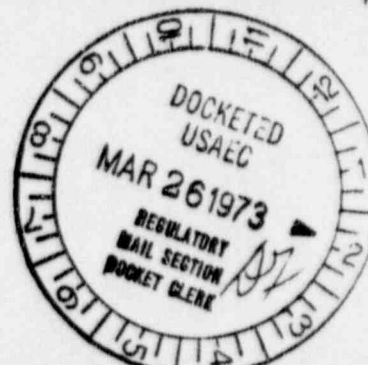
\_\_\_\_\_ which has Source Material License No. \_\_\_\_\_

☒ (2) have been or ~~will be~~ disposed of in compliance with 10 CFR 20 prior to expiration of this license.

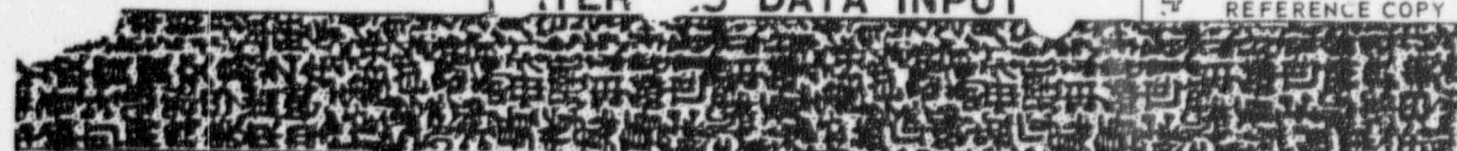
Doris E. Smith  
Certifying Official

Date: March 21, 1973

Please return 4 copies to:  
U. S. Atomic Energy Commission  
Materials Branch, Directorate of  
Licensing  
Washington, D. C. 20545



B1123  
1997



DOCKET NUMBER <b>945-01046</b>	MAIL CONTROL NO. <b>01997</b>	DATE REQUEST REC'D <b>03-26-73</b>	PROGRAM CODE (PRIMARY)
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SECONDARY PROGRAM CODES:

#1	#2	#3	#4	#5
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INDIVIDUAL	NAME	NAME
	NAME	NAME
	NAME	NAME

ORGANIZATION	ORGANIZATION NAME <b>Kennecott Oil Company</b>	TYPE OF ORGANIZATION		
	DEPARTMENT OR BUREAU <b>Marshall Chemical Division</b>	U. S. GOVERNMENT AGENCY	EDUCATIONAL INSTITUTION	
		MEDICAL INSTITUTION	INDUST	OTHER

ADDRESS	BUILDING, STREET <b>1945 East 97th Street</b>	CITY <b>Cleveland</b>	STATE <b>OH</b>	ZIP CODE <b>44106</b>
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APPLICANT'S COMMUNICATION DATED: <b>03-21-73</b>	CLASSIFICATION <b>U</b>	ASSIGNED TO:	RESULTING AMD. NO.
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ENCLOSURES:

UNCLASSIFIED DESCRIPTION:

Certification of Status of Source Material Activities USAEC License Number SM0606  
(4 cys rec'd.)

*Many Inspection  
Let expire and  
take out of system  
FCI*

DISTRIBUTION:

1-PDR  
1RO

**DO NOT REMOVE  
ACKNOWLEDGED**

*3/27/73*

OTHER REFERRALS

NAME	DATE	NAME	DATE
Malaro: w/reg file cy & file	03-26-73		
df			

*3/1/24*

MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM 0240		See me about this. Note and return.	For concurrence. For signature.	For action. For information.
TO (Name and unit) <i>Doris Foster</i>	INITIALS	REMARKS <i>Doris - This one is OK</i>		
	DATE	<i>To Let Expire in May</i>		
TO (Name and unit)	INITIALS	REMARKS <i>because the licensee</i>		
	DATE	<i>paid the invoice in</i>		
TO (Name and unit)	INITIALS	REMARKS <i>February</i>		
	DATE	<i>Thanks for letting us</i>		
		<i>check on it before you took</i>		
FROM (Name and unit) <i>Hollaway</i>	REMARKS <i>action</i>			
	<i>Jim</i>			
PHONE NO.	DATE <i>3/28/73</i>			

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-469

*B1/25*

## MATERIALS DATA INPUT S/SNM

1- FILE COPY

## A. TYPE OF ACTION -

<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input checked="" type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	<input type="checkbox"/> CHANGE LICENSEE NAME/ADDRESS
<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT		

## B. INDICATIVE INFORMATION:

DOCKET NUMBER 040-01066	MAIL CONTROL NO. 01997	DATE REQUEST REC'D 03-26-73	INSTITUTION CODE 14362	PENDING PROG. CODE	ACTUAL PROG. CODE
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## SECONDARY PROGRAM CODES AS REQUIRED:

#1	#2	#3	#4	#5
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INDIVIDUAL LICENSEES	NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)
	NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)
	NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)

ORGANIZATION LICENSEES	ORGANIZATION NAME (ALPHABETIC SEQUENCE) Kewanee Oil Company	TYPE OF ORGANIZATION	
	DEPARTMENT OR BUREAU Harshaw Chemical Division	<input type="checkbox"/> U. S. GOVERNMENT AGENCY	<input type="checkbox"/> EDUCATIONAL INSTITUTION
		<input type="checkbox"/> MEDICAL INSTITUTION	<input checked="" type="checkbox"/> INDUST

ADDRESS	BUILDING, STREET 1945 East 97th Street	CITY Cleveland	STATE OH	ZIP CODE 44106
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## C. STATISTICAL INFORMATION:

LICENSE NUMBER SMC-606	DATE LICENSE ISSUED OR ACTION COMPLETED 06/01/73	EXPIRATION DATE
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## USAGE OF MEDICAL BYPRODUCT:

<input type="checkbox"/> FOR HUMAN USE ONLY	<input type="checkbox"/> FOR HUMAN AND NONHUMAN USE	<input type="checkbox"/> FOR NONHUMAN USE ONLY
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## POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS:

<input type="checkbox"/> SAME AS 'STATE' IN ADDRESS	<input type="checkbox"/> ALL STATES	<input type="checkbox"/> ALL AGREEMENT STATES	<input type="checkbox"/> ALL NON-AGREEMENT STATES
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## AND/OR IN THE STATE(S), TERRITORY(S), COUNTRY CHECKED BELOW:

ALABAMA -AL	GEORGIA -GA	MARYLAND -MD	NEW JERSEY -NJ	SOUTH CAROLINA -SC	WYOMING -WY
ALASKA -AK	HAWAII -HI	MASSACHUSETTS -MA	NEW MEXICO -NM	SOUTH DAKOTA -SD	
ARIZONA -AZ	IDAHO -ID	MICHIGAN -MI	NEW YORK -NY	TENNESSEE -TN	AMERICAN SAMOA -AS
ARKANSAS -AR	ILLINOIS -IL	MINNESOTA -MN	NORTH CAROLINA -NC	TEXAS -TX	CANAL ZONE -CZ
CALIFORNIA -CA	INDIANA -IN	MISSISSIPPI -MS	NORTH DAKOTA -ND	UTAH -UT	GUAM -GU
COLORADO -CO	IOWA -IA	MISSOURI -MO	OHIO -OH	VERMONT -VT	PUERTO RICO -PR
CONNECTICUT -CT	KANSAS -KS	MONTANA -MT	OKLAHOMA -OK	VIRGINIA -VA	VIRGIN ISLANDS -VI
DELAWARE -DE	KENTUCKY -KY	NEBRASKA -NE	OREGON -OR	WASHINGTON -WA	
WASHINGTON DC -DC	LOUISIANA -LA	NEVADA -NV	PENNSYLVANIA -PA	WEST VIRGINIA -WV	CANADA -CN
FLORIDA -FL	MAINE -ME	NEW HAMPSHIRE -NH	RHODE ISLAND -RI	WISCONSIN -WI	

## D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

TYPE OF MATERIAL	AMOUNT AUTHORIZED	UNIT OF MEASUREMENT		SEALED/UNSEALED CONFIGURATION	MAXIMUM ENRICHMENT
U235		<input type="checkbox"/> GRAMS	<input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
U233		<input type="checkbox"/> GRAMS	<input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
PU		<input type="checkbox"/> GRAMS	<input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
URANIUM		<input type="checkbox"/> GRAMS	<input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
THORIUM		<input type="checkbox"/> GRAMS	<input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	
TRITIUM		<input type="checkbox"/> MICRO-CURIES	<input type="checkbox"/> MILLI-CURIES	<input type="checkbox"/> CURIES	

## E. FEE CATEGORIES:

EX	1A	1B	1C	2A	2B	3A	3B	3C	3D	3E
4A	5A									

01/26

EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE D-00769

Licensee: HARSHAW CHEMICAL COMPANY

Site of operation: LICENSEE'S ADDRESS; 3 OTHER ADDRESSES IN CLEVELAND; & ELYR

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

1. License is nonsuspect because it was superceded by another license

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THIS LICENSE WAS ELIMINATED FROM CONSIDERATION

The reason for elimination was: SUPERCEDED BY NEW LICENSE

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EXPERT SYSTEM EVALUATION WAS BASED ON THE  
INVENTORY RECORD IN JOB 0357, BOX 10

Docket 40-01066

Licensee: HARSHAW CHEMICAL COMPANY

Address: 1945 EAST 97TH ST.; CLEVELAND, OHIO

Zip:

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field SMC-606 IN JUNE, 62

State of operation: OH

Site used: LICENSEE'S ADDRESS; 3 OTHER ADDRESSES IN CLEVELAND; & ELYRIA, OH

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks:

JOB NUMBER: ~~0357~~

BOX NUMBER: 10

0327

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Date of last evaluation/revision: 10/02/92

Reviewer: PAB

B/127



EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE D-00703

INVENTORY CONTENTS FOR LICENSE NUMBER: D-00703

Docket 40-01066

Licensee: THE HARSHAW CHEMICAL COMPANY

Address: CLEVELAND OHIO

Zip:

Description of site: LICENSEE'S ADDRESS & 4 OTHERS IN CL

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field: D-00769 or SMC-606

State of operation: OH

Site used: LICENSEE'S ADDRESS & 4 OTHERS IN CLEVELAND, OH.

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks:

JOB NUMBER: 0327

BOX NUMBER: 10

DESCRIPTION OF ACTIVITY OR FACILITY:

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION

The reason for elimination was: SUPERCEDED BY NEW LICENSE

8/1/28

EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE D-00626

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INVENTORY CONTENTS FOR LICENSE NUMBER: D-00626

Docket 40-01066

Licensee: THE HARSHAW CHEMICAL COMPANY

Address: CLEVELAND OHIO

Zip:

Description of site: LICENSEE'S ADDRESS

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field D-00703

State of operation: OH

Site used: LICENSEE'S ADDRESS

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks: POSSIBLY COVERED BY D-703

JOB NUMBER: 0327 BOX NUMBER: 10

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DESCRIPTION OF ACTIVITY OR FACILITY:

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INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

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THIS LICENSE WAS ELIMINATED FROM CONSIDERATION

The reason for elimination was: SUPERCEDED BY NEW LICENSE

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EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE D-00167

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INVENTORY CONTENTS FOR LICENSE NUMBER: D-00167

Docket 40-01066

Licensee: THE HARSHAW CHEMICAL COMPANY

Address: CLEVELAND OHIO

Zip:

Description of site: LICENSEE'S ADDRESS

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field D-703

State of operation: OH

Site used: LICENSEE'S ADDRESS

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks: POSSIBLY COVERED BY D-00626

JOB NUMBER: 0327      BOX NUMBER: 10

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THIS LICENSE WAS ELIMINATED FROM CONSIDERATION

The reason for elimination was: SUPERCEDED BY NEW LICENSE



EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE SMC-00606

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INVENTORY CONTENTS FOR LICENSE NUMBER: SMC-00606      Docket 40-01066  
Licensee: KEWANEE OIL COMPANY (HAWSHAW CHEMICAL DIVISION)  
Address: CLEVELAND, OHIO      Zip: 44106  
Description of site: ELYRIA, OHIO & CLEVELAND OHIO  
State of operation: OH  
Site used: ELYRIA, OHIO & CLEVELAND OHIO  
Disposition information present: CERTIFICATE  
There was a reference to disposal in accordance with 10CFR20  
This license was listed as expired on 05/31/73  
Remarks: HAVE BEEN DISPOSED OF IN COMPLIANCE WITH 10 CFR 20 (CERT OF DISP)  
                    JOB NUMBER: 0327      BOX NUMBER: 10

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DESCRIPTION OF ACTIVITY OR FACILITY: FABRICATION OR MANUFACT  
                    --Type and form of materials licensed--  
                    --Material--      --Form--  
                    SOURCE MATERIAL      Loose material

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1. License was for loose materials, or materials handled loose

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CATEGORY FOR POTENTIAL SITE CONTAMINATION:  
SITE IS ELIMINATED FROM CONSIDERATION  
The reason is: Materials insignificant

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The reason for elimination was: Materials insignificant  
Reviewer's comments concerning license SMC-00606

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The Kewanee Oil Co. (Harwell Chemical Division) held license SMC-606 (issued June, 62, and terminated March, 73) for the resale of chemicals, use of chemicals as analytical reagents, and preparation of a catalyst from the thorium nitrate at 4 different locations. This license also replaced programs for licenses D-167; D626; D-703; and ?D-769.

B/129

CHARGE OUT FILE CARD  
Form WA-38  
(3-48)

14-57716-1

Other licenses w/  
doct # 40-1066

Li SMC-606

Joh 0327

Box 10

Suspend  
Shelf for  
termination

B/130