

JUN 7 1993

MEMORANDUM FOR: John H. Austin, Chief, Decommissioning & Regulatory  
Issues Branch

FROM: John A. Grobe, Fuel Cycle & Decommissioning

SUBJECT: REGULATORY AUTHORITY OVER THE CHEVRON CORPORATION'S PLANT C,  
HARVARD AVENUE, CLEVELAND, OHIO.

We are requesting your assistance in determining if the NRC has any regulatory authority over Chevron's Plant C on Harvard Avenue, Cleveland, Ohio. Mr. Ken Lambert of my staff has had several phone conversations over the past few weeks with representatives of Chevron Corporation discussing this issue. Chevron has indicated it would like to begin remediation of this facility this year.

The Chevron facility was previously owned and operated by the Harshaw Chemical Company, who had several DOE contracts in the 1940's and 1950's to process uranium ore (yellowcake) to  $UF_4$  (green salts), although the plant had the capability of producing  $UF_6$ . These contracts were terminated in the 1950's and the facility was decontaminated by Harshaw and released from further AEC control in 1959. An Argonne National Laboratory report, dated April 1984, indicates there are areas of the facility significantly above the current unrestricted release criteria. In letters to the Ohio Department of Health and Harshaw/FILTROL Partnership (Attachment A), DOE contends that the language in the contracts relieves them from any additional responsibility, and that the EPA and the State of Ohio would be responsible to oversee any additional action regarding the facility.

Harshaw also had an AEC License No. SMC-606, Docket No. 040-1066, which authorized the possession of up to 50 pounds of thorium and uranium in chemical reagents at the Harvard Avenue location and several others. ORAU has reviewed this terminated license and has concluded, based only on the AEC licensed activities, that no further actions regarding License No. SMC-606 are warranted.

Please evaluate these documents and advise whether you believe the NRC should have a role in the oversight of this remediation project. If you need additional information please contact Mr. Ken Lambert of my staff at 708/790-5292.

Original Signed by John A. Grobe

John A. Grobe  
Fuel Cycle & Decommissioning

Attachments: As Stated

cc w/attachments:

C. E. Norelius

RIRK  
Lambert/jp

Grobe  
6/7/93

C/60

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:

THE IS ELIMINATED FROM CONSIDERATION  
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.

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~~  
0327

BOX NUMBER: 10

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

Reviewer: PAB

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

EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE D-00626

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

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



EXPERT SYSTEM LICENSE EVALUATION  
EVALUATION REPORT FOR LICENSE D-00167

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

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION

The reason for elimination was: SUPERCEDED BY NEW LICENSE