

3746

OH.35-1

OH.35

CM

MEMORANDUM

TO: FILE

DATE 7/22/87

FROM: M. LAU

SUBJECT: Elimination Recommendation

SITE NAME: Clevite Corporation

ALTERNATE NAME: Clevite Corporation Mechanical Research Division Clevite Research Center

CITY: 540 E. 105th St. Cleveland STATE: OH

Offices at 1700 St. Clair Ave Cleveland, OH

OWNER(S)

Past: Current: Owner contacted [] yes [x] no; if yes, date contacted

TYPE OF OPERATION

- [x] Research & Development [x] Facility Type
[] Production scale testing [] Manufacturing
[] Pilot Scale [] University
[] Bench Scale Process [x] Research Organization
[] Theoretical Studies [] Government Sponsored Facility
[] Sample & Analysis [] Other
[] Production
[] Disposal/Storage

TYPE OF CONTRACT

- [x] Prime [x] Other information (i.e., cost + fixed fee, unit price, time & material, etc)
[] Subcontractor
[] Purchase Order
cost + fixed fee

Contract/Purchase Order # AT-(40-1)-2557
Also, a contract with Aktiebolaget Atomenergi of Sweden

CONTRACTING PERIOD: [AT-(40-1)-2557] May 4, 1959 - November 1, 1961

OWNERSHIP:

Table with 7 columns: AEC/MED OWNED, AEC/MED LEASED, GOVT OWNED, GOVT LEASED, CONTRACTOR OWNED, CONTRACTOR LEASED. Rows include LANDS, BUILDINGS, EQUIPMENT, ORE OR RAW MATL, FINAL PRODUCT, WASTE & RESIDUE.

The uranium for AT-(40-1)-2557 was furnished by the AEC.

AEC/MED INVOLVEMENT AT SITE

Control

- AEC/MED managed operations
- AEC/MED responsible for accountability
- AEC/MED overviewed operations
- Contractor had total control
- unknown

Health Physics Protection

- Little or None
- AEC/MED responsibility
- Contractor responsibility

OH. 35 6/15/59 Mentions that Health and Safety procedures CR-15 and CR-17-F were filed at the Chicago Operations Office.

MATERIALS HANDLED:

Type (on basis of records reviewed)

- No Radioactive
- Natural Radioactive from Feed Materials Production
 - Ore
 - Refined Source Material Uranium or Uranium Oxides
 - Residue
- Natural Radioactive Material from Non-Nuclear Activities
- Man-Made
- Other _____

Comment _____

Quantities (on the basis of records reviewed)

- None Production Quantities
- Small Amounts

Comment 9.01 kg of uranium under SNM-183 (for Akti bolaget Atomenergi)
20 lbs natural uranium & 6 lbs enriched uranium. Allowed upto 200 lbs of
uranium for R+D under C-3790

OTHER PERTINENT FACTS:

- Facility was Licensed
 - During AEC/MED-Related Operations
 - For Similar Activities
 - For Other Activities

Comment SNM-183- receipt of 9.01 kg. of enriched uranium.
C-3790 - upto 200 lbs of uranium for R+D.
Secret Access Permit No. 688-3

- Commercial Production Involving Radioactive Material during AEC/MED Operations

- Facility was Decontaminated and Released

- Availability of Close Out Records

- None Some Sufficient

Radioactive Status:

	YES	MAYBE	PROBABLY NOT	NOT
Contaminated Potential for Exposure (accessible)	---	X	---	---
	---	X	---	---

QUANTITY OF RECORDS AVAILABLE:

- Very Little Some Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

- Low Possible High

RECOMMENDATIONS:

- Eliminate
 Consider for Remedial Action
 Collect More Data

Comment Data suggest that the facility was licensed.

REFERENCES: SEE Attached Data Base Listing
3.1 ORO 6/2/60 FROM Carberry, T.P. TO Cope, D.F.

SUMMARY

From the available records it appears that the Clevite Corporation had licenses to handle radioactive materials. Clevite had a Special Nuclear Materials License (SNM-183, expiration date 3/31/60) which allowed it to handle 9.01kg of enriched uranium in order to make fuel elements and control rod sections for Aktibolaget Atomenergi of Sweden (SEE OH.35 4/21/58, OH.35 11/26/58 p13). Clevite could receive up to 200 lbs of uranium for research and development under Source Materials License C-3790 (Expiration date 8/1/58) (SEE OH.35 11/26/58 p13, OH.35 8/8/58). Because no renewal records have yet been found, it appears that contract AT-(40-1)-2557 was not done under license. However, Clevite only required 20 lbs of natural uranium and 6 lbs of enriched uranium for this contract (SEE OH.35 11/26/58 p11). The data indicate that the majority of Clevite's work was done under license, and the work done without a license involved ten pound quantities of uranium. Therefore, it is recommended that this site be eliminated from FUSRAP consideration.

CLEVITE

HISTORICAL LISTINGS

FILE	REC#	BOX	DATE	FROM	TO	SUBJECT
OH.35	1526	593-3-5	02/03/58	SHEARER, R.CLEVITE	CORLEY, A.	SPECIAL NUCLEAR MATERIAL REQUIREMENTS FOR SWEDISH TEST REACTOR
OH.35	1527	593-3-5	04/21/58	PRICE, H.	SAPIRIE, S.	SPECIAL NUCLEAR MATERIAL REQUIREMENTS FOR LICENSEES - CLEVITE
OH.35	1545	593-3-5	08/09/57	DELANEY, J.	SCHNOPE, A.	SOURCE MATERIAL LICENSE FOR CLEVITE
OH.35	1748	76	11/26/58	JOHNSON, R.CLEVITE	PROPOSAL	TECHNICAL PROPOSAL TO DIVISION OF REACTOR DEVELOPMENT, USAEC FOR DEVELOPMENT OF FUEL-BEARING FIBERGLAS FUEL ELEMENTS BY MECHANICAL RESEARCH DIVISION OF CLEVITE CORPORATION (CLEVITE RESEARCH CENTER)
OH.35	1751	76	06/15/59	BERGER, D.CLEVITE	ROTH, H.	FUEL CYCLE DEVELOPMENT PROGRAM (CLEVITE'S REQUIREMENTS FOR URANIUM)
NY.31	1753	75	06/19/59	ROTH, H.	KELLER, C.	SS MATERIALS FOR USE UNDER FUEL CYCLE DEVELOPMENT CONTRACTS
OH.35	1760	76	01/11/61	CONTRACT		SUPPLEMENTAL AGREEMENT - CONTRACT NO. AT-(40-1)-2557 CLEVITE CORPORATION