

CO. 11-2  
3512

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CO. 11

MEMORANDUM

TO: FILE

DATE 5/1/87

FROM: D. Levine

SUBJECT: Elimination Recommendation

memo G.G. Gallagher to J. C. Johnson, 6/17/53, refers to a Shattuck-

SITE NAME: S. W. Shattuck Chemical Co.

ALTERNATE Name: Denn Mining Corporation; unable to determine if any connection with Shattuck Chemical (CO. 11) 1805 South Bannock Street

CITY: Denver 10 STATE: CO

OWNER(S)

Past: \_\_\_\_\_ Current: \_\_\_\_\_  
Owner contacted  yes  no; if yes, date contacted \_\_\_\_\_

TYPE OF OPERATION

- Research & Development
- Production scale testing
- Pilot Scale
- Bench Scale Process
- Theoretical Studies
- Sample & Analysis
- Facility Type
- Manufacturing
- University
- Research Organization
- Government Sponsored Facility
- Other \_\_\_\_\_

- Production of uranium oxide
- Disposal/Storage

TYPE OF CONTRACT

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

Contract/Purchase Order # \_\_\_\_\_

CONTRACTING PERIOD: \_\_\_\_\_

OWNERSHIP:

	AEC/MED OWNED	AEC/MED LEASED	GOVT OWNED	GOVT LEASED	CONTRACTOR OWNED	CONTRACTOR LEASED
LANDS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BUILDINGS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ORE OR RAW MATL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FINAL PRODUCT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WASTE & RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

no records found which indicate there were any contracts between AEC/MED and Shattuck

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
- unknown

MATERIALS HANDLED:

Type (on basis of records reviewed)

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

Comment -----

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

(report: T. Jones, 3/29/59) for commercial uses, Shattuck sold products containing about 3000 lbs. of uranium oxide annually

Comment letter from K. Nichols to G. Russell, 7/8/44, states that Shattuck purchases small amounts of high grade carnotite ores for refining

OTHER PERTINENT FACTS:

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

Comment letter from L.C. Burman, Director of Licensing Division, to M.M. Reiss of Brookhaven National Lab., 9/21/40, states that Shattuck is a processor of refined source material

- 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)	---	---	---	---

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 \_\_\_\_\_

REFERENCES: \_\_\_\_\_

(see attached listing)

SUMMARY

It appears that Shattuck was a producer of vanadium oxides for commercial purposes, and that there were no contracts to supply AEC/MED. Thus, there is no basis for including this site in FUSRAP, and it is recommended for elimination.

Database references to  
Shattuck (Chemical Co.)  
4/1987

07/08/44 3.1MSA	RUSSELL, G.	NICHOLS, K.	CONTROL OF URANIUM-BEARING MATERIALS	AFRICAN METALS, VITRO, SHATTUCK CHEMICAL CO., ELDRADO MINING & REFINING
02/12/51 CD.11	BURMAN, L.	SPELMAN, W. ✓	LETTER FROM JAMES O. GIBSON TO SENATOR EDWIN C. JOHNSON (MISSING URANIUM AT SHATTUCK)	SHATTUCK
05/18/51 CD.11	BURMAN, L.	MAURER, L. ✓	SPENT URANIUM ACETATE (DISPOSAL OF)	SHATTUCK, DAVISON CHEMICAL CO.
06/17/53 3.1RMD	GALLAGHER, G.	JOHNSON, J.	COMMENTS ON MINING LEASES ML 35, ML 36, MS 37, ML 38 AND ML 39	LaSALLE MINING CO., GOLDEN CYCLE CORP., SHATTUCK DENN, ATKINSON MESA, MULTIPLE
03/29/50 3.1RMD	JONES, T.	REPORT	MEMORANDUM FOR INFORMATION - URANIUM SUPPLIES FOR ESSENTIAL COMMERCIAL USES	SHATTUCK, U.S. VANADIUM CORP
04/28/49 3.7	BURMAN, L.	WILLIAMS, W.	SUMMARY OF URANIUM AND THORIUM EXPORTS - FIRST QUARTER 1949	MULTIPLE, WESTINGHOUSE, MONTICEL AMERICAN SMELTING, BAKER CHEMICAL CO., MAYWOOD, SHATTUCK, LINDSAY LIGHT, METAL HYDRIDES