

PA.40-1

MEMORANDUM

TO: FILE

DATE 3/18/71

FROM: D. Stout

SUBJECT: Elimination Recommendation - Catalytic Co.

SITE NAME: Catalytic Company

ALTERNATE NAME:

CITY: Philadelphia STATE: PA

OWNER(S)

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

TYPE OF OPERATION

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

TYPE OF CONTRACT

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

Contract/Purchase Order #

CONTRACTING PERIOD:

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. Checkmarks are present in the CONTRACTOR OWNED column for BUILDINGS and EQUIPMENT.

Site did not process radioactive material

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

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 received one 4 lb. rod from Tonawanda office  
(Bethlehem rolling) in Sept. 1951

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment 4 pounds normal uranium

OTHER PERTINENT FACTS:

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

Comment \_\_\_\_\_

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 One-time receipt of a very small quantity  
of uranium.

REFERENCES: Tanawanda Area Progress Report - Sept. 1951

SUMMARY

Catalytic was a major construction contractor,  
and contracts included constructing Fernald. The  
4 lb. plug shipped to Philadelphia in 9/51 is  
probably a souvenir. File search did not divulge  
any other receipts of or involvement with  
uranium.

SEPTEMBER 1951

SUMMARY

II OPERATIONS:

A. Production Division:

1. Uranium

96 Drums of K-65 sludge received from Mallinckrodt. Tower operations suspended pending approval from NYDO Engineering Division to increase tower capacity. 325 drums returned empty to Mallinckrodt for reuse.

44.8 pounds of Bethlehem rods from the first rolling shipped to Argonne National Laboratory.

167 pounds of rods from the last Bethlehem rolling shipped to General Electric Company, Hanford Works, attention of Mr. Kattner.

One four pound rod shipped from last Bethlehem rolling to Mr. E. Watson, Catalytic Company, Philadelphia, Pa.

100 pounds of uranium oxide from Watervliet processing shipped by air to Milwaukee Airport for Fred Stroke.

675 pounds of fused salt shipped to Alleghaney-Ludlum at Watervliet by Air Freight for special rolling.

One 24" rod shipped to Sylvania in as-rolled condition, via Air Express.

One car of rods approximately 54 tons, shipped to HGE from LOOW.

Approximately 4,000 pounds of uranium turnings prepared for shipment to Oak Ridge, awaiting shipping instructions.

One car of contaminated scrap received from MCW and one car of contaminated scrap received from Harshaw.

2. Thorium:

10 Thorium billets shipped to Sanderson-Halcomb Plant of Crucible Steel Company of America at Syracuse, N.Y. for special rolling.

24 thorium billets received from Iowa State College for storage at LOOW.

Special Review  
Final Determination  
Unclassified

By: K. A. Walter  
Date: Aug. 6, 1980  
T. F. Davis

~~SECRET~~

Attachment 1

CANCELLED  
BY AUTHORITY OF  
BY DATE 1978

Special Review  
Final Determination  
Unclassified

OTS NOTE

DATE: March 20, 1991  
TO: Alexander Williams  
FROM: Dan Stout *D*  
SUBJECT: Elimination Recommendations for Catalytic Company and Milwaukee Airport

Attached are elimination recommendations for the Catalytic Company in Philadelphia, Pennsylvania and the Milwaukee Airport in Milwaukee, Wisconsin. The sites were identified in a September 1951 Tonawanda Area Progress Report. No other references to receipt or handling of radioactive materials at either site have been found.

Catalytic Company received a four pound slug of uranium, perhaps as a souvenir. The Milwaukee Airport may have been an intermediate stop for 100 pounds of uranium oxide. The material was delivered to an AEC employee, and probably transported to another (unknown) location.

Because of the small quantities of material involved, I recommend both these sites be eliminated from FUSRAP.

cc: C. Young  
E. Mitchell  
file FUSRAP WI.4, PA.40