

CT-15-1

3742

CT.15

MEMORANDUM

TO: FILE

DATE 11/5/87

FROM: C. Young

SUBJECT: ELIMINATION RECOMMENDATION

SITE NAME: ANDREW C. CAMPBELL DIV. AMERICAN CHAIN & CABLE CO.

ALTERNATE SEE NAME: American Chain & Cable Co. Wilkes Barre, PA

CITY: Bridgeport STATE: CT

OWNER(S)

Past: American Chain & Cable Co. Current: Owner contacted [ ] yes [x] no; if yes, date contacted

TYPE OF OPERATION

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

TYPE OF CONTRACT

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

Contract/Purchase Order # RPG 3199 1/2

CONTRACTING PERIOD: MARCH 1944

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.

Uranium metal (rod) was brought to this facility or the companies facility in Wilkes Barre, PA. Metal was worked (swaged). MED representative that brought the material in reviewed the finished product, scrap, etc. at completion of the work.

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 CONTRACTORS EQUIPMENT WAS USED IN AN ATTEMPT TO RECLAIM URANIUM ROES by SWAGING. 8 rods were involved (length & weight unknown)

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment 8 rods of uranium metal, length & weight unknown

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
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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 The small amount of material involved and the limited duration (probably no more than an day) indicate that the potential for residual contamination is remote.

REFERENCES:

- MED HISTORY, BOOK 1, Volume 7, pages 3.11-3.13
- Volume II, Design & Procurement History; DAgnt PROJECT 9733, Dec 1941
- Du Pont Purchase Order R PG-349 1/2, March 19, 1944.

SUMMARY

Contractor was one of several engaged by Du Pont in support of the MED Shipy Procurement Program. Work was developmental. Contractor facilities at either Bridgeport or Lakes Base, PA were used in an attempt to reclaim uranium metal rods by sawing from diameter of ~~1.46~~ 1.46" to 1.59". Attempt was unsuccessful and process was abandoned. The potential for residual contamination due to the operation is considered remote due to the small quantity of material involved and the short duration of the operation. Therefore, the site should be eliminated from further consideration under FUSRAP.