

3716

PA.19-2

PA.19

MEMORANDUM

TO: FILE

DATE Sept. 29, 1987

FROM: A. Wallo

SUBJECT: Inclusion/Elimination Review for Heppenstall Co.

SITE NAME: Heppenstall Co.

ALTERNATE NAME:

CITY: Hatfield Street
Pittsburgh STATE: PA

OWNER(S)

Past: The Heppenstall Co. Current: SAME

Owner contacted yes no; if yes, date contacted

TYPE OF OPERATION

Research & Development

Facility Type

- Production scale testing
- Pilot Scale
- Bench Scale Process
- Theoretical Studies
- Sample & Analysis

- Manufacturing
- University
- Research Organization
- Government Sponsored Facility
- Other

- Production
- Disposal/Storage

TYPE OF CONTRACT

- Prime
- Subcontractor
- Purchase Order

Other information (i.e., cost + fixed fee, unit price, time & material, etc)

Contract/Purchase Order # Subcontract to Mallinckrodt Chemical

CONTRACTING PERIOD: at least 1955

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 checked="" type="checkbox"/>	<input type="checkbox"/>
BUILDINGS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ORE OR RAW MATL	<input type="checkbox"/>	<input type="checkbox"/>				
FINAL PRODUCT	<input type="checkbox"/>	<input type="checkbox"/>				
WASTE & RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>				

Heppenstall own the facility and forging equipment except for Salt Bath Furnace which was purchased by Mallinckrodt for the AEC and supposedly returned to Mallinckrodt after completion of the subcontract.

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

Mallinicrodt and AEC over viewed and supposedly maintained accountability for the Uranium.

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 *Forged Uranium Metal*

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment *Happens all handled production quantities but it appears for only a short time*

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)	---	<i>X</i>	---	---
	---	---	<i>X</i>	---

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 Site should be included in the survey program if buildings from the 1955 operation still exist.

REFERENCES: 5 letters attached covering a period from 1/4/55 to 4/15/55

SUMMARY

Heppenstall was a sub contractor to Mallinckrodt (MCO). Based on previous reviews of MCO files, the MCO contract (due primarily to a hold harmless clause in favor of MCO) DOE has authority for sites contaminated as a result of the MCO contract work. Furthermore, Heppenstall had no background in working with radioactive material and health physics protection was provided by AEC (HASL). Finally, all the material belonged totally to the AEC and there is radioactive potential that the site is contaminated.

Based on this evaluation the DOE would have authority to conduct any necessary remedial action. The site should be surveyed if it still exists.

Pittsburgh Lib. Confirmed company still exists.
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