

MEMORANDUM

TO: FILE

DATE 2/21/91

FROM: D. Stort

SUBJECT: Carbology Company Investigation

SITE NAME: Carbology Company ALTERNATE NAME: _____

CITY: Detroit STATE: MI

OWNER(S) Past: Carbology Current: same
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
- Production
- Disposal/Storage
- Facility Type
- Manufacturing
- University
- Research Organization
- Government Sponsored Facility
- Other _____

TYPE OF CONTRACT

- Prime
- Subcontract & Purchase Order *of NLD*
- Other, information (i.e., cost + fixed fee, unit price, time & material, etc) supplied Tungsten Carbide to MED (Los Alamos) in 1943-1946.

Contract/Purchase Order # _____

CONTRACTING PERIOD: 1956

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FINAL PRODUCT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WASTE & RESIDUE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

some waste disposed by sewer and spread on field on-site

AEC/MED INVOLVEMENT AT SITE'

Control

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

NLO rep. on-site

- 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 *Uranium metal. MED activities involved supplying Tungsten Carbide powder & sphere*

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment *Based on amount of latte coolant contaminated (35 gallons)*

OTHER PERTINENT FACTS:

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

Comment *Carboloy requested a license in 1948 for Uanyl Acetate (1/4 pound)*

- Commercial Production Involving Radioactive Material during AEC/MED Operations

- Facility was Decontaminated and Released

- Availability of Close Out Records

~~XXXXXX~~

~~XXXXXX~~

Sufficient

Decontamination trip i-t&--

ⁿ Radioactive Status:

YES	MAYBE	PROBABLY	NOT
		NOT	

Contaminated Potential for Exposure (accessible)	---	<i>X</i>	---	---
	---	---	<i>X</i>	---

QUANTITY OF RECORDS AVAILABLE:

Very Little

~~XXXXXX~~

~~XXXX~~ Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS-

~~XXXX~~ Low

Possible

~~XXXX~~ High

RECOMMENDATIONS:

~~XXXX~~ Eliminate

~~XXXX~~ Consider for Remedial Action

Collect More Data

Comment Company should be contacted for additional
information

REFERENCES: Attached

SUMMARY MED activities in 1944-1946 were for non-radioactive
supplies. A National Lead of Ohio (NLO) trip report
indicates that Carbony equipment was used to turn
down the outer diameter of uranium metal slugs.
The nature of these 1956 operations are largely
unknown, but on-site disposal requires additional
investigation.

Site Address: Carbony Co.
11177 E. 8 Mile Rd.
Detroit, MI 48232

1956 Phone Book lists Carbony at above address
as a division of General Electric

1990 Ward's Business Directory lists Carbony at
same address as a machine tool manufacturer.

Phone Number: 313-497-5000