

3750

NY 48
NY 48-2

MEMORANDUM

TO: FILE

DATE 11/10/87

FROM: C. Young

SUBJECT:

SITE NAME: NATIONAL CARBON Co.

ALTERNATE NAME:

CITY: New York STATE: NY

OWNER(S)

Past: NATIONAL CARBON Co Current: UNKNOWN

Owner contacted yes no; if yes, data 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 AEC, Reactor Div -
- Subcontractor
- Purchase Order Du Pont for MGD

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

Contract/Purchase Order # No. 25 was one, probably the initial, purchase order *

CONTRACTING PERIOD: 1942 through the early 1950's

* AEC CONTRACT No. AT-(40-1)-2560 - Fuel Cycle Development - Parma, OH. Facility was licensed (expired 1983) by Union Carbide, parent company of National Carbon Company.

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

Major supplier of reactor grade graphite to MGD & AEC. Production from National Carbon facilities in Mason, NC; Columbus, TN; Black Forks, OH; and Clarkburg, WV.

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 Principal product - graphite - not radioactive
1958 AEC license indicates authority to use Uranium enriched in the
isotope U-235 for research and development. License No. SNM-252, expires Oct.
September 30, 1961

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment unknown

OTHER PERTINENT FACTS:

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

Comment licensed facilities at 3625 Highland Ave, Niagara Falls, NY,
and Taw Street, Portora, Ohio in 1960 in aid laboratory facilities
in Parma, OH under AEC contract - Fuel Cycle Development

- 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	---	---	---	X
Potential for Exposure (accessible)	---	---	---	X

not from graphite production question

ROUTING - REQUEST

QUANTITY OF RECORDS AVAILABLE:

Very Little Some

PROBABILITY OF FINDING ADDITIONAL REC

Low Possible

RECOMMENDATIONS:

- Eliminate - no authority
- Consider for Remedial Action
- Collect More Data

Comment MED/AEC support was principally in the area of graphite production - ~~not~~ radioactive material. Operation of the radioactive material appear to have been conducted under license for the commercial market.

REFERENCES:

See attached list

SUMMARY

Initial MED/AEC support in early 1940's - produced reactor grade graphite through early 60's. Also involved in reactor market - some through work for program of ~~graphite~~ graphite - are also produced for commercial market. One of 3 firms involved in AEC Fuel Cycle Development program in early 1960's. AEC reports to Congress in early 1960's identify National Carbon as a producer of Uranium Oxide and compound for the commercial market. The only license found was ~~SM-252~~ (Oct '58 - September '61) for facilities in Niagara Falls, NY and Fostona, OH. AEC contract work done in ~~Parma~~ Parma, OH. in 1960's. This laboratory facility is currently occupied by Union Carbide (parent organization of National Carbon) and was granted under Part 30 license # 34-00999-09 - Docket No. 030-05242 that expired 11/30/83. ~~circumstance suggest no authority~~ Circumstance suggest no authority

Please

- READ
- HANDLE
- APPROVE
- and
- FORWARD
- RETURN
- KEEP OR DISCARD
- REVIEW WITH ME

To Morganton, NC
1. Columbia, TN
Black Fork, Ohio
Clarksburg, WV
(See back)

Date _____

From _____