

3809

need records

WV, 01

1.21.1

WV.01-1

207

MEMORANDUM

TO: FILE

DATE 11/18/87

FROM: C. Young

SUBJECT: ELIMINATION RECOMMENDATION

SITE NAME: INTERNATIONAL NICKEL COMPANY
? Bayonne ?
CITY: Huntington STATE: WV
? NJ ?

ALTERNATE NAME: RAYONNE LABORATORIES OF INTERNATIONAL NICKEL

OWNER(S)
Past: INTERNATIONAL NICKEL Current: UNKNOWN
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

Facility Type

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

- Production
- Disposal/Storage

nickel plating of Uranium sludge

produced powdered nickel

TYPE OF CONTRACT

- Prime
- Subcontractor
- Purchase Order

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

Contract/Purchase Order # W-7407-ENG-41
W-7407-ENG-41
W-7407-ENG-48

CONTRACTING PERIOD: Mid 1940's - 1952 (Intermittent)

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Contractor plated (wicked) uranium sludge. Quantity believed small - <100
Contractor also produced large quantities of nickel powder at facilities in
W. Virginia, New Jersey and New York.*

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 Plutonium sludge (small quantity) appears to be only radioactive material handled. Produced large

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment Small quantities of radioactive material handled. Large quantities of powdered nickel produced for sale to MGS

OTHER PERTINENT FACTS:

- Facility was Licensed UNKNOWN
 - 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)	---	---	<u>X</u>	---

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 *Elimination recommendation based primarily on limited duration of operation and small quantity of material handled.*

REFERENCES: *see attached list*
"MACHINERY, The Army and the Atomic Bomb" by Vincent C. Jones
Center of Military History, U.S. Army.

SUMMARY

*Contractor developed procedure/process for nickel plating
uranium slugs - no indication that significant quantities
of uranium metal were involved in the operation.
During the early 1940's, contractor produced large quantities of
nickel powder for sale to MGR.*

INTERNATIONAL NICKEL COMPANY

DATE	FILE#	FROM	TO	SUBJECT	SITES	BOX #
08/20/45	3.4	McKEE, J.	AREA ENGINEER	STATUS OF CONTRACT PAYMENTS (11 AUGUST 1945)	MULTIPLE, GE, COMMONWEALTH EDISON, BETHLEHEM STEEL, SHARPLES, MCLONEY ELECTRIC, PHELPS DODGE, INTERNATIONAL NICKEL, BART LAB, VIERLING STEEL, OKONITE CALLENDER, KOPPERMAN, CARBIDE, NATIONAL RESEARCH	22/12 1088
11/28/45	3.4	CROTHERS, N.	DISTRICT ENGINEER	CONTRACT COMPLETION REPORT	MULTIPLE, CAMPBELL, CARRIER, COMBUSTION ENGINEER, CRANE, FOSTER WHEELER, GIRDLER, GRANGER, HERON-ZIMMERS, INTERNATIONAL NICKEL, KERBY SAUNDERS, METALS DISINTEGRATING, JELLIFF, KOPPERMAN, NATIONAL TUBE	22/12 1129
12/28/45	3.4	FREDENBURGH, H.	SIMMERMAN, K.	ACCOUNTABLE PROPERTY RECORDS	MULTIPLE, BAKELITE, BART LAB, BESCH RUSS, CAMPBELL CO., CRANE, EISEN, ELLIOTT, FISHER GOVERNOR, FORD, BACON, GE, HERRON-ZIMMER, INTERNATIONAL NICKEL, JELLIFF, KELLOGG, KOPPERMAN, LUKENS, METALS DISINT,	22/25 1145
02/13/46	3.4	McKEE, J.	DISTRICT ENGINEER	WAR VOLUME REDUCTION DISCOUNTS APPLICABLE TO PURCHASE ORDERS PLACED WITH INGERSOLL RAND CO. (LIST OF CONTRACTS)	MULTIPLE, INGERSOLL RAND, CAMPBELL, INTERNATIONAL NICKEL, METALS DISINTEGRATING, LUKENS STEEL, STOKES, WHITEHEAD, SHARPLES, BAKELITE, BEACH RUSS, CRANE, FISHER, SCHOCK GUESNER, SINGMASTER, KELLEX	22/20 1171

INTERNATIONAL NICKEL COMPANY

DATE	FILE#	FROM	TO	SUBJECT	SITES	BOX #
01/07/52	NJ.17	STROKE, F.	FILES	DESCRIPTION OF URANIUM PLATED WITH APPROXIMATELY 4 MIL. COATING OF NIKEL	BAYONNE LAB OF INTERNATIONAL NICKEL, NY	3/11 2222
08/28/52	3.6.1	BELMORE, F.	FREITAG, H.	NICKEL PLATING URANIUM SLUGS	INTERNATIONAL NICKEL	A601 2406
09/09/52	NY.19	KAULBACH, E.	FILES	NICKEL PLATING OF URANIUM SLASS	SYLVANIA ELECTRIC PRODUCTS, INTERNATIONAL NICKEL CO., A.O. SMITH	3/11 2413