

3809

need
revised

WV.01

1.21.1

WV.01-1

MEMORANDUM

TO: FILE

DATE 11/18/87

FROM: C. Young

SUBJECT: ELIMINATION RECOMMENDATION

SITE NAME: INTERNATIONAL NICKEL COMPANY ALTERNATE NAME: RAYMOND LABORATORIES OF
? Bayonne ? ? NJ ? INTERNATIONAL NICKEL
 CITY: Huntington STATE: WV

OWNER(S)

Past: INTERNATIONAL NICKEL Current: UNKNOWN
 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

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	☐	☐	☐	☐	☒	☐
BUILDINGS	☐	☐	☐	☐	☒	☐
EQUIPMENT	☐	☐	☐	☐	☒	☐
ORE OR RAW MATL	☒	☐	☐	☐	☐	☐
FINAL PRODUCT	☒	☐	☐	☐	☐	☐
WASTE & RESIDUE	☐	☐	☐	☐	☐	☐

Contractor plated (nickel) 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)

☒

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*
"MAN HATTING: 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
warren slugs - no indication that significant quantities
of warren metal were involved in the operation.
During the early 1940's, Contractor produced large quantities of
nickel powder for sale to MFR.*

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, MCDOWNEY 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, BEACH 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 GUSNER, SINGMASTER, KELLEY	22/20 1171

Page No. 2
11/16/87

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.D. SMITH	3/11 2413