3518 NY.41

MEMORANDUM

TO: FILE DATE 6/8/87

FROM: D. Levine

SUBJECT: Elimination Recommendation

SITE NAME: Titanium Alloy Manufacturing Co. (1930-1948) ALTERNATE NAME: Titanium Alloys (sic) Mfg. Co.; Titanium Alloy Manufacturing (TAM) Division of National Lead Company (1948-1973); The Titanium Pigment Co. (1930-1935); NL Industries, ICD/Niagara (197. present)

CITY: Niagara Falls 4511 Hyde Park Boulevard STATE: NY

OWNER(S)
Past: NL Industries 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

TYPE OF CONTRACT

☒ Prime through NY00
☐ Subcontractor
☐ Purchase Order

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

Contract/Purchase Order # (see attached list of contract numbers with types of work, types of contract, and amounts)

CONTRACTING PERIOD: _____

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	☐	☐	☐	☐	☐	☐

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_____
_____

Quantities (on the basis of records reviewed)

- ☐ None
- ☐ Small Amounts
- ☐ Production Quantities

Comment_____
_____

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)	___	___	___	___

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

REFERENCES: (see attached list and references)

SUMMARY This site was listed in the FUSRAP Sites Summary Report as being located in Buffalo, NY. However, all available records show its address as Niagara Falls, NY. In addition, a check of the 1937 New York State manufacturing companies listing shows the location as Niagara Falls; no Buffalo locations for this company are listed. The Titanium Alloy Metals site in Niagara Falls, which had been listed as a distinct site, appears in fact to be Titanium Alloy Manufacturing Company. Titanium Alloy Metals was operated under subcontract with NLO. Therefore, upon approval of 7117-03.87.cdy.27, C. Young to A. Walla, 27 May 1987, Titanium Alloy Metals will be eliminated. Furthermore, due to the duplication of Titanium Alloy sites in the site listing, it is recommended that Titanium Alloy Manufacturing Co. be eliminated regardless of the aforementioned approval action.

Titanium Alloy 6/5/87

DATE	FILE#	FROM	TO	SUBJECT	SITES	BOX #
✓11/25/55	NY.41	DOWLING, F.	URBAN, S.	REJECTION OF PROPOSAL TO PROCESS THORIUM SCRAP	TITANIUM ALLOY MANUFACTURING DIVISION OF NATIONAL LEAD	9/145
✓11/29/48	3.1NYOD	KELLEY, W.	YOUNGS, W.	MONTHLY THORIUM ACCOUNTABILITY REPORT - OCTOBER 1948 (MULTIPLE SITES - CENTRAL SCIENTIFIC, A.D. MACKAY) 1.5 kg Florida Monazite	LINDSAY LIGHT, LANNETT BLEACHERY, WOLFF-ALPART, MAYWOOD CHEMICAL, WARDS NATURAL SCIENCE, EIMER & AMEND, ISC, HOWE & FENCH, R. BRADNOR, TITANIUM ALLOY, GENERAL CHEMICAL, WESTINGHOUSE	NYOD
✓07/13/56	NY.41	ANALYTICAL DATA SHEET		ANALYTICAL DATA SHEET - TITANIUM ALLOY METALS	TITANIUM ALLOY METALS (only reference found to Titanium Alloy Metals)	
✓12/08/47	FL.8	DASHER, J.	MERRITT, P.	TRIP REPORT - DESCRIPTION OF ZIRCON PROCESSING AND MONAZITE RECOVERY FROM ZIRCON TAILS	HUMPHREYS GOLD CO., JACKSONVILLE, TITANIUM ALLOY Mfg. leased from	15/14
✓07/13/49	3.1CHO	GRANT, P.	DISTRIBUTION	ZIRCONIUM DEVELOPMENT AND PROCUREMENT PROGRAM 7/1/49 - 1yr. $62,000	MULTIPLE, MIT, BATTELLE, WESTINGHOUSE, TITANIUM ALLOY MFG CO., NATIONAL RESEARCH CORP., IOWA STATE COLLEGE, HORIZONS, BUREAU OF MINES, ALLEGHENY LUDLUM, FOOTE MINERAL, UNIV. LOUISVILLE, GE, IONICS	MUC
✓04/03/50	NY.41	SMITH, R.	EPP, F.	ANALYTICAL PROGRAM FOR TAM OPERATIONS	TITANIUM ALLOY, NLO, Y-12	FOIA
✓02/20/57	IN.4	WEISSENBERG, J.	FILE	STATUS OF WORK ON SUBCONTRACGT AT-32 WITH TITANIUM ALLOY MGF, OF NLO solid metallic hydride moderators: work on zirconium	AMEICAN BEARINGS, TITANIUM ALLOY, NLO	FOIA
✓06/09/50	~~3.1NYOD~~ NY.41	SMITH, R.	MARVIN, G.	BUREAU OF MINES HOT ROLLED SHEET	BOM, TITANIUM ALLOY MANF., NLO	70/24
✓08/28/50	PA.4	PEARSON, R.	REACTOR MATERIALS BRANCH	MATERIAL TRANSFER CERTIFICATES (ZIRCONIUM FROM FOOTE AND TITANIUM ALLOY TO WESTINGHOUSE)	FOOTE MINERAL CO., TITANIUM ALLOY, WESTINGHOUSE	69/36
✓08/31/50	CT.10		WORKSHEET-ACCOUNTABILITY	WORKSHEET FOR MONTHLY ACCOUNTABILITY REPORT (magnesium)	NELCO, METALS SELLING CORP, ENTERPRISE METAL PRODUCTS, TITANIUM ALLOY MANUFACTURE, METALS SELLING CORP., BOM, DOW-VELASCO, TX, MEILI & WORTHINGTON-HATBORO	112/15
✓07/02/51	NY.41	DEL VECCHIA, V.	STEPHENSON, W.	TITANIUM ALLOY MANUFACTURING DIVISION, NATIONAL LEAD COMPANY CONTRACTS AT(30-1)-620, AT(30-1)861 - OVERHEAD AUDIT	TITANIUM ALLOY	69/34

✓	11/12/48	NY.41	MORGAN, J.	PEYTON, H.	REQUEST FOR ZIRCONIUM OXIDE - IA-192	TITANIUM ALLOY, AMES	69/32
✓	08/22/49	NY.41	MORGAN, J.	ROTH, H.	SHIPMENT OF ZR TETRACHLORIDE	TITANIUM ALLOY, NLO	104/5
✓	05/16/50	3.1NYOO	SCHLEMMER, F.	WILLIAMS, W.	ZIRCONIUM SAMPLES	FOOTE MINERAL, TITANIUM ALLOYS, BOM	111/15
✓	02/21/51	NY.41	PEARSON, R.	QUIDOR, J.	TRANSFER OF PROPERTY FROM NEW YORK OPERATIONS OFFICE TO PITTSBURGH AREA OFFICE, CONTRACTS AT(30-1)-620 AND AT(30-1)-861 (TITANIUM ALLOY)	TITANIUM ALLOY	69/34
✓	03/26/52	NY.41	PAWLEY, M.	DEL VECCHIA, V.	TRANSMITTAL OF INVOICES AND RECEIVING REPORTS - MULTIPLE DOCUMENTS DATED FEBRUARY 1952 TO APRIL 1952 ON SAME SUBJECT	TITANIUM ALLOY, AMES LABORATORY	69/30

FMPC subcontractor list (undated)
in 3.1NLO

Firm	NLO Contract	Type of Work	Type of Contract	NLO Office	Performance	Remarks
National Lead Company (TAM)	AT(30-1)-620	Prod	Cost	NYOO (Velten)	Good [illegible]	$53,000
	AT(30-1)-861	R+D	Cost	NYOO	—	$450,000 Transf.
	AT(30-1)-924	Sup	[illegible]	NYOO	—	$75,000 "
	X (AT-30-2-Gen-16 (Sub S-129-AoI	Weather Reports	No cost	NYOO	—	[illegible]
Charles Pfizer & Co., Inc.	NO RECORD of [illegible]					
Reynolds Metals Co.	—	—	—	SFOO	—	Supply contract. $83,000 No information obtained.
—	—	—	—	HOO	—	Small contract. No information.
Rohm and Haas Co.	NO RECORD of [illegible]					
J. T. Baker Chemical Co.	—	—	—	HOO	—	4 supply subs. around $30,000 each. No information obtained.

6/10/87 811
10:30 am

Call to
Business + Labor Reference Librarian
Buffalo Central Library
716-846-7096
(-8900 is main switchboard)

check in listing of NY State manufacturing companies, 1937:

Titanium Alloy Manufacturing Company
Hyde Park Blvd.
Niagara Falls, NY

there are no other plant sites listed for this company