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NY.0-10-1

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1.21.1

MEMORANDUM

TO: FILE

DATE 11/18/87

FROM: S. Jones

SUBJECT: Elimination Recommendation

SITE NAME: Enterprise Metal Products

ALTERNATE NAME:

CITY: Brooklyn

STATE: NY

OWNER(S)

Past: Enterprise Metals

Current:

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

machined magnesium

TYPE OF CONTRACT

☐ Prime

☐ Subcontractor

☐ Purchase Order

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

Contract/Purchase Order # unknown

CONTRACTING PERIOD: 1950

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 magnesium

Quantities (on the basis of records reviewed)

- ☐ None
- ☐ Small Amounts
- ☐ Production Quantities

Comment one memo identified 15,688 lbs

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	___	___	___	X
Potential for Exposure (accessible)	___	___	___	X

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 No radioactive materials were handled at the site

REFERENCES: Work Sheet Accountability Report dated 8/31/50
Excerpt from 1950 HASL Report
(Both attached)

SUMMARY Records indicate site handled only magnesium (possibly under contract with New England Lime Co.)
No possibility of significant residual contamination above guidelines at the site

ENTERPRISE METAL PRODUCTS

DATE	FILE#	FROM	TO	SUBJECT	SITES	BOX #	
08/31/50	CT.10		WORKSHEET-ACCOUNTABILITY	WORKSHEET FOR MONTHLY ACCOUNTABILITY REPORT	NELCO, METALS SELLING CORP, ENTERPRISE METAL PRODUCTS, TITANIUM ALLOY MANUFACTURE, METALS SELLING CORP., BOM, DOW-VELASCO,TX, MEILI & WORTHINGTON-HATBORO	112/15	1942
12/08/52	NONE	G. BROWELL	V. DEL VECCHIA	CONTRACTS FOR AIR FORCE SCINTILLOMETERS NUCLEAR ENTERPRISES, LTD, WINNIPEG, CANADA AT(30-1)-1331 AND 1356 (OUT OF PLACE IN FOLDER #66)	AIR FORCE NUCLEAR ENTERPRISES, LTD, WINNIPEG, CANADA	1/66	2488
04/22/53	3.7	ANAMOSA, H.	REPORT	USE OF URANIUM ORE IN OPERATION OF "ARTHRITIS CLINICS" AND AEC LICENSING ACTIVITY WITH RESPECT THERETO	FREE ENTERPRISE MINE, ELKHORN MINING, MULTIPLE	67/47	2607

326-68 A588
Box 112
FOLDER: NEW ENGLAND LIME - #15 AT-30-1-561-1950

CT 10

Copy

Sheet No. 1 of 1 Sheets

WORK SHEET FOR MONTHLY ACCOUNTABILITY REPORT

AT 30-1-561-1950

INSTALLATION NEW ENGLAND LIME CO. MAGNESIUM DIVISION, CANAAN, CONN. PERIOD August 1 TO: August 31, 1950

WORK SHEET FOR: (~~RECEIPTS~~) (S H I P M E N T S) Delete One

~~CONSIGNOR~~ / CONSIGNEE	LOT NO.	MATERIAL SYMBOL	MEASURED NET WT.	ANALYSIS % METAL/100	METAL CONTENT
Metals Selling Corp. Putnam, Conn.			38,433#		
Enterprise Metal Products Brooklyn, New York			15,688#		
Titanium Alloy Manufacture Niagara Falls, New York			14,942#		
Metals Selling Corp. Putnam, Conn.			37,934#		
Bureau of Mines Northwestern Electro. Lab. Albany, Oregon			3,002#		

INSTRUCTIONS: This sheet will be used in preparing Material Balance. The totals from the various items listed above will be inserted on the Material Balance Summary Sheet. Shipments will be listed on this Work Sheet separately with the Consignor and Consignee of each shipment noted. Copies of this sheet will accompany the Material Balance Summary Sheet at the end of the month.

WORK SHEET FOR MONTHLY ACCOUNTABILITY REPORT

INSTALLATION NEW ENGLAND LIME COMPANY MAGNESIUM DIVISION, CANAAN, CONN. PERIOD August 1, 1950 TO: August 31, 1950

WORK SHEET FOR: (R E C E I P T S) ~~(S H I P M E N T S)~~ Delete One

CONSIGNOR / ~~CONSIGNEE~~	LOT NO.	MATERIAL SYMBOL	MEASURED NET WT.	ANALYSIS % METAL/100	METAL CONTENT
Dow Chemical Co. Velasco, Texas			100,007# (Car No. 23)		
Enterprise Metals Co. Brooklyn, New York			4,020		
Meili & Worthington Hatboro, Pa.			19		

INSTRUCTIONS: This sheet will be used in preparing Material Balance. The totals from the various items listed above will be inserted on the Material Balance Summary Sheet. Shipments will be listed on this Work Sheet separately with the Consignor and Consignee of each shipment noted. Copies of this sheet will accompany the Material Balance Summary Sheet at the end of the month.

X Copy

[redacted]

M-4639

Extract pages 98-101 from this report

[redacted]

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McDonald 8

UNITED STATES ATOMIC ENERGY COMMISSION

NEW YORK OPERATIONS OFFICE

[illegible]
[illegible]
By Authority of TID-4042 (Bl & Bk 2)

McPherson, Rpts Lib 3/4/67

ANNUAL REPORT, FISCAL YEAR 1950

HEALTH AND SAFETY DIVISION

A REPORT SUBMITTED

TO THE MANAGER

November 13, 1950

[redacted]

[redacted]

and toxic hazards has been continued. Various non-occupationally related abnormalities were discovered during the course of these examinations and the individuals referred to their personal physicians. Arrangements are being made for examination of New Brunswick Laboratory employees.

Miscellaneous

In addition to the major contractors described in the body of this chapter, a considerable number of other plants and facilities has been visited. (These have included parts of the New York Operations Office such as New Brunswick Laboratory, the RMO Mineralogical Laboratory and the laboratory and shop facilities of the Health and Safety Division). This Division is occasionally called upon by contractors, subcontractors and other NYOO Divisions to visit plants where short term, experimental, laboratory, semi-pilot plant and pilot plant operations are carried out, involving materials of special interest to the Commission. Studies have included investigations of hazardous and nuisance fumes and gases, lighting conditions, general ventilation, among others. A partial list of visits to miscellaneous sites is given below, including, in some cases, the source of the request for our visit. (R-Radiation Branch, IH-Industrial Hygiene Branch, F & A-Fire and Accident Branch).

A. D. Little Co., Boston, Mass.
Filter paper testing (IH)

Air Reduction Corp., Murray Hill, N. J. (at request of Schenectady Operatons)
Gas decontamination and radioisotopes (R)

A. O. Smith, Milwaukee, Wis. (at request of NEPA)
Fabrication of beryllia parts (IH)

Bendix Corp., Eclipse-Pioneer Div., Teterboro, N.J.
Production of classified units (F & A, R)

Bendix Corp., Friese Div., Baltimore, Md.
Production of classified units (F & A)

Boyce Thompson Inst. for Plant Research, Yonkers, N. Y.
Isotopes handling (IH)

Brush Beryllium Co., Lorain, Ohio
Use of isotopes in the separation of zirconium and hafnium (separate from beryllium work described in detail) (IH)

Columbia University, N. Y.
Neutron measurements of cyclotron operations (R)
Mercury vapor hazards (IH)
Biophysics research (R, F & A)

Conn. Agricultural Experiment Station, New Haven, Conn.
Use of isotopes (R)

Enterprise Metal, Brooklyn, N. Y.
Machine magnesium (F & A)

Fansteel Metallurgical Corp., North Chicago, Ill. (at request of NEPA)
Beryllium carbide machinery (IH)

Fenn Machinery Co., Hartford, Conn.
Swaging of uranium rods (IH)

Foote Mineral, Exton, Pa. and Phila., Pa.
Chlorine and oxychlorides attending zirconium separation processes. (IH, F & A)

Gerity-Michigan Corp., Adrian, Mich.
Beryllium extrusion (IH)

Harvard University, Cambridge, Mass.
Medical and biological research (R, F & A)

Ionics Inc., Cambridge, Mass.
Ion exchange separation of zirconium (R)

Johns Hopkins University, Baltimore, Md.
Sanitary engineering research with radioisotopes (R, F & A)

Joslyn Manufacturing Co., Ft. Wayne, Ind.
Uranium rolling and machining (R)

Lehigh R.R., Packerton Shops, Lehighton, Pa.
Inspection of railroad freight cars (IH)

L. I. Biological Assoc., Cold Spring Harbor, N.Y.
Use of high intensity radiation source (R)

Mass. General Hospital, Boston, Mass.
Medical research with radioisotopes (R)

McDaniel Refractory Corp., Beaver Falls, Pa.
Preparation of beryllia refractories (IH)

Metals Selling Co., Putnam, Conn.
Machine magnesium (F & A)

Motch and Merryweather, Cleveland, Ohio
Uranium rotary saw cutting (IH)

Motorship - Stavelot (at request of RMD)
Cargo inspection for radon and uranium (IH)

Motorship - African Glen (at request of RMD)
Cargo inspection for radon and uranium (IH)

National Research Corp., Boston, Mass.
Process improvement (F & A)

New England Lime, Canaan, Conn.
Process magnesium (F & A)

New York University, N. Y.
Sanitary engineering research with radioisotopes (R, F & A)

Norton Abrasives, Chippewa, Ontario
Beryllium ceramics operations (IH)

Peter Bent Brigham Hospital, Boston, Mass.
Medical research with radioisotopes (R)

Pondville Hospital, Walpole, Mass. (Harvard contract)
Medical research with radioisotopes (R)

Pulverizing Machinery Co., Summit, N. J. (at request of MCW)
Testing of dust collector for use at new MCW plant (IH)

Raytheon Manufacturing Co., Boston, Mass.
Production of classified units (F & A)

Speed Scientific School, University of Louisville, Kentucky
Handling of beryllium and beryllium materials (IH)

Sylvania Electric Co., New York
Powder metallurgy (F & A)

U. S. Bureau of Mines, Pittsburgh, Pa.
Beryllium and uranium metal powdered dusts (IH)

U. S. Bureau of Standards, Washington, D.C.
Ceramics and glass operations using beryllia (IH)

University of Minnesota, Minn., Minnesota (at request of NEPA)
Laboratory operations using beryllium and beryllia (IH)

University of Rochester, Rochester, N. Y.
Medical and biological research (R, R & A)

- Western Reserve University, Cleveland, Ohio
  Medical and biological research (P & A)

- Yale University, New Haven, Conn.
  Radiobiology research (R)