



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

Unknown

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
  - Plan-Made
  - Other beryllium
- comment \_\_\_\_\_

Quantities (on the basis of records reviewed)

- None
  - Production Quantities..
  - Small Amounts
- Comment approx. 75,000 lbs. annually, combined with Brush Beryllium's production, in 1958 time frame

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~~

~~Medium~~

Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

Low

i&Possible

High

RECOMMENDATIONS:

Eliminate

~~Consider for Remedial Action~~

Collect More Data

Comment \_\_\_\_\_

REFERENCES:

(see attached list and references)

SUMMARY

The records examined to date indicate that only beryllium was handled at this site. Therefore, it is recommended that this site be eliminated. More analysis of beryllium use at the site may be warranted under some other program.

Beryllium Corp.

6/16/87

HISTORICAL LISTING

FILE #	DATE	FROM	TO	SUBJECT	SITES
✓ MA.10	12/09/46	FIELDS, K. COE	AREA ENGINEER	LEAK DETECTOR FOR THE NATIONAL RESEARCH CORPORATION <i>special development work on beryllium</i>	NATIONAL RESEARCH CORPORATION, BERYLLIUM CORP
✓ 3.8	05/25/49	BELMORE, F. NYOD	DEL VECCHIA, F.	FINANCIAL APPRAISAL OF AEC <u>PHYSICAL FACILITIES</u>  - Gen - 109 closed in 1949 - Gen - 227 at least \$66,100	HARSHAW, LINDE, MCM, NELCO, BERYLLIUM CORP, BRUSH BERYLLIUM, BURNS & ROE, CLIFTON, MIT, SYLVANIA
NC (not copied)	08/15/51	DAVIS, W. AEC	FIELDS, K. AEC	<u>BERYLLIUM PROCUREMENT</u> SYMBOL: RD: ADM: DPK 3 PAGES APPENDIX	HAZELTON, PA (BERYLLIUM CORP), ELMORE, OH (BRUSH BERYLLIUM) LUCKEY PLANT - LUCKY, OHIO (COMMISSION PLANT)
NC (not copied)	08/17/51	NININGER, R. AEC	JOHNSON, J. AEC	STOCKPILE AND PURCHASE OF <u>BERYL AND BERYLLIUM</u> FROM BRUSH BERYLLIUM. (1758 TONS OF BERYL) PART FROM LINDSAY LIGHT AND BERYLLIUM CORPORATION (260 TONS)	BRUSH BERYLLIUM, LINDSAY LIGHT, BERYLLIUM CORP.
✓ 3.1CHD	02/24/49	McLAIN, S. ANL	ZINN, N.	<u>BIWEEKLY REPORT OF THE DEVELOPMENT</u> REACTOR STEERING COMMITTEE - 1/26, 2/24	MULTIPLE, duPONT, AUSTIN CO., CLEVELAND  BLAW-KNOX CO, PITTSBURGH H. K. FERGUSON, CLEVELAND FRASER, BRACE CO, NY KELLEX CO, NY ORNL, MANFORD, CANTON DROP FORGE CORP, BERYLLIUM CORP-PA

*Be castings were to be radiographed and inspected by Beryllium Corp.*

HISTORICAL LISTING

FILE # DATE FROM

TO

SUBJECT

SITES

✓ 3.1 NYOO 04/28/49 GREGG, J.

ROBOFF, S.

BERYLLIUM BILLETS

BERYLLIUM CORP,  
BERITY-MICHIGAN

shipped 15 0 in. Be billets to

✓ 3.4 06/01/50

CHART

Be SAMPLES RECEIVED BY INSTALLATIONS - BERYLLIUM CORP.,  
1949 AND 1950

BRUSH, CLIFTON  
PRODUCTS, NYOO,  
BATTELLE, BOM,  
CARBIDE AND CARBON,  
FOOTE, MIT, TAM,  
UNIVERSITY OF  
LOUISVILLE,

✓ MI.7 11/27/46 PETERSON, A.

AREA ENGINEER

VISIT TO BERYLLIUM FACILITIES

AC SPARK PLUG, BERYLLIUM CO OF

visit to Beryllium Company  
of America at Reading,  
PA, to observe method used  
in Be metal manufacturing

AMERICA AT READING

aging specifications, processing facilities, transportation, instrumentation for measuring radiation levels and contamination, radiation safety procedures to be followed in collecting, storing, packaging, and transporting the material; site of disposal, including depth of water at the proposed site, and the records of disposal that will be maintained. Before a license is granted, these data must be evaluated by the Commission's radiation protection and waste disposal staff.

The Commission publishes in the *Federal Register*: (a) receipt of all applications for sea disposal, (b) proposed issuance of such licenses, and (c) all license issuances. Copies of these notices are sent to appropriate State and local agencies and are filed in the Commission's Public Document Room. State and local officials and the public may request hearings on such actions before they become final.

#### SPECIAL REACTOR MATERIALS

Private industry is supplying both Government and private needs for special reactor materials except for heavy water and boron 10, and industry is assisting in distribution of these two materials.

Zirconium and hafnium are supplied by Mallory-Sharon (formerly National Distillers Products Corp.), Columbia-National (formerly NRC Metals Corp.) and the Carborundum Co. The Commission has contracted to purchase a total of approximately 2.2 million pounds of zirconium annually from these three companies for a 5-year period, as well as their entire hafnium production. Because private plant capacity is adequate for existing and anticipated non-Government needs for zirconium, the Government-owned plant at Albany, Oreg. was shut down in January 1958.

All procurement of niobium (columbium) for the Commission was initially made through the Pittsburgh Operations Office. Since improved domestic market conditions have made enough niobium readily available on the open market to meet continued moderate requirements, centralized procurement was discontinued in June.

Beryllium metal is being produced in the privately owned plants of the Brush Beryllium Co. of Cleveland, Ohio and the Beryllium Corp. of Reading, Pa. The Commission is purchasing approximately 75,000 pounds annually from these two sources under a 5-year contract. The Commission-owned plant at Luckey, Ohio, discontinued production in January 1958, except for certain scrap recovery, and this was essentially complete at the year's end.

Graphite of reactor grade purity continues to be available on a commercial basis from a number of manufacturers including National Carbon Co., Speer Carbon Co., United Carbon Products Co. and Great Lakes Carbon Corp.

Heavy water is sold by quantities of 125 pounds by commercial firms who for packaging and resale gas and special "deuterium".

Boron 10 continues to be available. In June 1958, this material was supplied by Michigan Chemical Corp., Chicago Operations Office. Boron 10 continues to be available at the National Laboratory.

The new distribution of heavy water is from the Commission's center at Fallers, N. Y.