

NJ, 10-5

FORM (3-47) AEC-4

UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION

FORM APPROVED.  
BUDGET BUREAU NO. 33-R004.4.

**MONTHLY REPORT OF PROCESSORS OF URANIUM  
AND THORIUM SOURCE MATERIALS**

PURSUANT TO CODE OF FEDERAL REGULATIONS,  
TITLE 10—ATOMIC ENERGY, PART 40—  
CONTROL OF SOURCE MATERIAL

To: U. S. Atomic Energy Commission,  
P. O. Box 30, Ansonia Station,  
New York 23, N. Y.

1. PROCESSOR'S NAME

Maywood Chemical Works

ADDRESS

100 West Hunter Avenue

Maywood, New Jersey

AEC LICENSE NO.

R-103

2. REPORT FOR MONTH OF

September 1956

INSTRUCTIONS.—File two (2) copies of this report with the U. S. Atomic Energy Commission, P. O. Box 30, Ansonia Station, New York 23, N. Y., not later than 15 days after the end of each month in which you transferred, delivered, or held possession of or title to any source material. Inventory means all source material in your possession or to which you have title, regardless of location.

3. Summary of receipts, deliveries, and inventories of source material during the month. (The entries for "Receipts" and "Deliveries" below should be the totals of transfers of each grade of source material. List in block 5 on the reverse side each receipt form and delivery to others included in these totals.)

(i) Raw source material (excluding residues and tailings).

Figures are reported in Pounds (Specify unit of measure).

DESCRIPTION OF RAW SOURCE MATERIAL AND URANIUM AND THORIUM CONTENT (a)	INVENTORY BEGINNING OF MONTH (b)	RECEIPTS FROM OWN PRODUCTION AND PURCHASES (c)	TOTAL (b) and (c) (d)	DELIVERIES TO:		INVENTORY END OF MONTH (g)
				Process (e)	Others (f)	
5.8% Monazite Sand - Thorium	9600		9600	9600		None

(ii) Residues and tailings.  
Figures are reported in Pounds (Specify unit of measure).

DESCRIPTION OF RAW SOURCE MATERIAL AND URANIUM AND THORIUM CONTENT (a)	INVENTORY BEGINNING OF MONTH (b)	RECEIPTS PROCESS (c)	FROM OTHERS (d)	TOTAL (b) and (c) and (d) (e)	DELIVERIES TO:		INVENTORY END OF MONTH (h)
					Process (f)	Others (g)	
Residues & Tailings							
R. E. Phosphates	170666			170666			170666
Thorium 12.34%							

(iii) Refined source material.  
Figures are reported in Pounds (Specify unit of measure).

DESCRIPTION OF REFINED SOURCE MATERIAL AND URANIUM AND THORIUM CONTENT (a)	INVENTORY BEGINNING OF MONTH (b)	RECEIPTS PROCESS (c)	FROM OTHERS (d)	TOTAL (b) and (c) and (d) (e)	DELIVERIES TO:		INVENTORY END OF MONTH (h)
					Further Processing (f)	Others (g)	
Thorium Nitrate 48.5%	2451	220		2671	33	12	2626
Thorium Oxide	10-3/4	1/4		11		10	1

(iv) Source material in process. ThO<sub>2</sub> Content 48.5%  
Estimated uranium and thorium content in inventory.  
At beginning of month 2000 Pounds At end of month 2000 Pounds

4. CERTIFICATION.—The licensee and any agent and official executing this certification on behalf of the licensee certify that this report is prepared in conformity with *Code of Federal Regulations*, title 11, Atomic Energy, part 40, Control of Source Material, and the conditions of the AEC license specified in block 1, above, and that all the information contained in this report is true and complete to the best of their knowledge and belief.

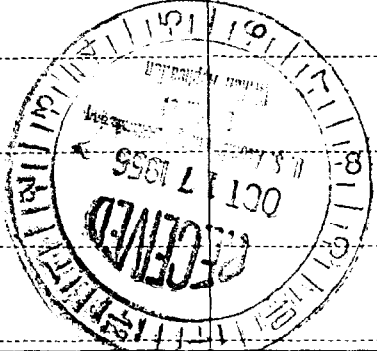
By Edson H. Nichols Dr. Edson H. Nichols, Vice-Pres. 10/15/56  
 (Signature of authorized official) (Title) (Date)

Section 35 (a) of the United States Criminal Code, 18 U. S. C. Sec. 80, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

5. Statement of each receipt and delivery of source material during the month.

Report each receipt or delivery of source material during the month, grouping together all transfers of one grade under the heading "Receipts" or "Deliveries." Do not include here the details of "Deliveries to process" or "Receipts from process." The totals of receipts from and deliveries to others of any one grade (column (f)) must agree with the total for that grade shown in block 3.

DESCRIPTION OF URANIUM AND THORIUM (Material and Grade) (a)	RECEIVED FROM OR DELIVERED TO:		UNIT OF MEASURE (d)	QUANTITY (e)	TOTAL FOR EACH GRADE (f)	FOR AEC USE ONLY (g)
	Names and Addresses (b)	AEC License Nos. (c)				
Thorium Nitrate	Berwald Chem. Co., Inc. 62 Main St. Bradford, Penna.	C-217	Pounds	2		
	American Smelting & Refining Co. 120 Broadway New York 5, N. Y.	C-1508	Pounds	2		
Thorium Oxide	Harshaw Chem. Co. 1945 E. 97th St. Cleveland 6, Ohio	D-167	Pounds	8	12	
	Westinghouse Elec. Corp. MacArthur Ave. Bloomfield, N. J.	R-126	Pounds	10	10	



(If necessary, attach additional sheets, using the same grouping of columns (a) through (g))