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SOURCE MATERIAL LICENSE

License No. R-132

Effective: April 1, 1956

Rare Earths, Inc.  
Box 488  
Pompton Plains, New Jersey

Attention: Mr. Richard L. Stone  
Gentlemen:

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby authorized:

To receive possession of and title to unlimited quantities of raw source material (solely monazite sand) during the term of this license, from producers and distributors licensed by the Atomic Energy Commission and through importation, for processing only.

To transfer and deliver possession of and title to raw and refined source material, to any person licensed by the Atomic Energy Commission, within the limits of his license.

In transactions which are exports from the United States, each such transaction shall have prior authorization, regardless of quantity, which may be applied for on form AEC-7, in triplicate.

As a condition of issuance of this license, you are required to report your inventories, processing and receipts and deliveries of raw and refined source material on Form AEC-4, periodically, in accordance with the instructions on the form.

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

This license is subject to the right of recapture or control reserved by Section 108 of the Atomic Energy Act of 1954, and to all of the other provisions of said Act, now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission.

This license shall expire April 1, 1957.

FOR THE ATOMIC ENERGY COMMISSION

SIGNED

and

Loyal Johnson

Chief, Licensing Branch

Division of Civilian Application

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PDR FOIA  
AKST82-219 PDR

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L. Johnson

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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

1. PROCESSOR'S NAME

RARE EARTHS, INC.

ADDRESS

P.O. Box 488, Pompton Plains, NJ

AEC LICENSE NO.

R-132

2. REPORT FOR MONTH OF

May - 1956

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

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 Short Tons (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)	
Monsite	99.53	--	99.53	21.25		78.28

(ii) Residues and tailings.

Figures are reported in Lbs. ThO<sub>2</sub> (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)	
Thorium Sludge	28,214	2,234		30,448	1,341		29,107

(iii) Refined source material.

Figures are reported in Lbs. ThO<sub>2</sub> (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)	
Refining Process	3,055	1,341		4,396			4,396
Finished Stock	9,946	--		9,946		4,082	5,864

(iv) Source material in process.

Estimated uranium and thorium content in inventory.

At beginning of month 9,143 At end of month 5,758



MONTHLY REPORT OF PROCESSORS OF URANIUM  
AND THORIUM SOURCE MATERIALS

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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

Rare Earths, Inc.

ADDRESS

P. O. Box 488, Pompton Plains, NJ

AEC LICENSE No.

R-132

2. REPORT FOR MONTH OF

June, 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.

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

Figures are reported in Short Tons (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)	
Monazite	78.28	29.6	107.88	25.		82.88

(ii) Residues and tailings.

Figures are reported in Lbs. ThO<sub>2</sub> (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)	
Thorium Sludge	29,107	2,091		31,198	1,535		29,663

(iii) Refined source material.

Figures are reported in Lbs. ThO<sub>2</sub> (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)	
Refining Process	4,396	1,535		5,931	2,077		3,854
Finished Stock	5,864	2,077				23	7,918

(iv) Source material in process.

Estimated uranium and thorium content in inventory.

At beginning of month 5,758 At end of month 6,301



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

1. PROCESSOR'S NAME

Rare Earths, Inc. A-12

ADDRESS

P.O. Box 488, Pompton Plains, N. J.

AEC LICENSE NO.

R - 132

2. REPORT FOR MONTH OF

July, 1956

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

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 Short Tons (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)	
Monazite	82.88		82.88	10.5		72.38

(ii) Residues and tailings.

Figures are reported in Lbs. ThO<sub>2</sub> (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)	
Thorium Sludge	29,663	1,032		30,695	947		29,748

(iii) Refined source material.

Figures are reported in Lbs. ThO<sub>2</sub> (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)	
Refining Process	3,854	947		4,801			4,801
Finished Stock	7,918					3	7,915

(iv) Source material in process.

Estimated uranium and thorium content in inventory.

At beginning of month 6,301 At end of month 4,737

