



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 6, 2001

Docket No. 04008980
Control No. 127200

License No. SMB-1541

Anthony J. Thompson
Esquire
ShawPittman
2300 N Street, NW
Washington, DC 20037-1128

SUBJECT: HERITAGE MINERALS, INC., ISSUANCE OF CORRECTED COPY OF
LICENSE, CONTROL NO. 127200

Dear Mr. Thompson:

Enclosed is the Corrected Copy of Amendment No. 3 for License No. SMB-1541. In accordance with the letter dated September 7, 1999, Condition No. 6 has been changed so that natural Thorium and natural Uranium correspond to maximum possession amounts shown in Condition No. 8 of SMB-1541, Amendment No. 2.

We apologize for any inconvenience this error may have caused.

Sincerely,

Original signed by Ronald R. Bellamy

Ronald R. Bellamy, Chief
Decommissioning and Laboratory Branch
Division of Nuclear Materials Safety

Enclosure:
Corrected Copy of Amendment No. 3

cc:
John F. Lord, Site Manager

DOCUMENT NAME: C:\smb-1541.127200.03092001.wpd

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	CGordon/CZG		RBellamy/RRB1					
DATE	03/06/2001		03/06/2001					

OFFICIAL RECORD COPY

CORRECTED COPY

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Heritage Minerals, Incorporated</p> <p>2. One Hovchild Plaza 4000 Route 66 Tinton Falls, New Jersey 07753</p>	<p>In accordance with the letter dated August 17, 1999,</p> <p>3. License number SMB-1541 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2003</p> <hr/> <p>5. Docket No. 040-08980</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Natural Thorium</p> <p>B. Natural Uranium</p>	<p>7. Chemical and/or physical form</p> <p>A. Monazite</p> <p>B. Monazite</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 15,000 kilograms</p> <p>B. 300 kilograms</p>
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<p>9. Authorized use:</p>	<p>A. and B. 1. Decontamination of land and facilities.</p> <p> 2. For possession, packaging, storage, and transfer to authorized recipients of monazite-rich product.</p>
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CONDITIONS

10. Licensed material may be used only at the licensee's facilities at Heritage Minerals, Incorporated, Route 70, Mile Marker 41, Lakehurst, New Jersey.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

SMB-1541

Docket or Reference Number

040-08980

Amendment No. 3

CORRECTED COPY

11. A. Licensed material shall be used by, or under the supervision of, Adrian E. Albrethsen, Ph.D.
B. The Radiation Safety Officer for this license is Adrian E. Albrethsen, Ph.D.
12. This license does not authorize the production of source material in the form of monazite-rich sand during the processing of ore to extract titanium and zircon mineral sands.
13. This license does not authorize the processing of monazite-rich sand to extract or concentrate the monazite.
14. Plant buildings and equipment shall be cleaned so that fixed surface contamination does not exceed 3,000 disintegrations per minute (dpm) when measured over an area of 100 square centimeters (100 cm²) or 1,000 dpm/100 cm² averaged over an area not to exceed one square meter; and removable contamination does not exceed 200 dpm/100 cm² before releasing them for unrestricted use. For measurement purposes all contamination may be assumed to be natural thorium in equilibrium with its daughters.
15. All areas in the plant buildings and at the monazite pile identified as having radiation levels above natural background on a map of the licensee's site attached to the letter dated September 27, 1990, or in the November 10, 1997 Final Status Survey Plan (FSSP) for License Termination of Heritage Minerals NRC License #SMB-1541, enclosed to the letter dated November 3, 1997, shall be decontaminated to meet the criteria for release for unrestricted use described in Option 1 of the Branch Technical Position, "Disposal or Onsite Storage of Thorium or Uranium Wastes from Past Operations," 46 Federal Register 52061 (October 23, 1981) before the area is released for unrestricted use. The licensee shall not release any of these areas for unrestricted use without specific, written authorization from the NRC. This license condition does not prohibit the licensee from making specific application to the NRC for approval of other limits or methods of disposal.
16. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
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17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated March 6, 1989
- B. Letter dated April 27, 1989
- C. Letter dated August 21, 1989
- D. Letter dated March 13, 1990
- E. Letter dated July 25, 1990, with attachments
- F. Letter dated August 23, 1990
- G. Letter dated October 6, 1990
- H. Letter dated February 28, 1991
- I. Letter dated February 8, 1993
- J. Letter dated March 20, 1995
- K. Letter dated December 30, 1996
- L. Letter dated March 17, 1997
- M. Letter dated May 9, 1997
- N. FSSP dated November 10, 1997
- O. Letter dated December 5, 1997
- P. Letters dated November 30, 1998, June 24, 1999, July 13, 1999, and August 17, 1999

For the U.S. Nuclear Regulatory Commission

Original signed by Craig Z. Gordon

Date March 5, 2001

By _____

Craig Z. Gordon
Decommissioning and Laboratory Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406