

U.S. NUCLEAR REGULATORY COMMISSION

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.

Licensee 1. HBM Virginia LLC 2. 9621 South Pines Road Warrenton, VA 20186	In accordance with the letter dated December 1, 2008, 3. License number 45-23954-01 is amended in its entirety to read as follows: 4. Expiration date October 31, 2017 5. Docket No. 030-37540 Reference No.
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material with atomic numbers 1 through 83	A. Activation Products	A. 300 microcuries
B. Any byproduct material with atomic numbers 84 through 96	B. Activation Products	B. 1 microcurie

9. Authorized use:
 A. and B. For possession and storage of irradiated gemstones incident to distribution in accordance with the conditions of NRC License No. 45-23954-02E.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 9621 South Pines Road Warrenton, Virginia; 98 Alexandria Pike, Suite 42, Warrenton, Virginia; and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. A. The Radiation Safety Officer for this license is Martin Zimmerman.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
45-23954-01

Docket or Reference Number
030-37540

Amendment No. 1

- B. Licensed material shall be used by, or under the supervision of, Martin Zimmerman or Joern Meissner.
12. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
13. This license does not authorize commercial distribution of licensed material.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. 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 U.S. 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 August 17, 2007 [ML072820459]
B. Letter dated December 1, 2008 [ML083540655]

For the U.S. Nuclear Regulatory Commission

Date December 23, 2008

By

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406