

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. Department of the Army Watervliet Arsenal 2. 1 Buffington Street Watervliet, New York 12189-4000	In accordance with the letter dated February 4, 2010, 3. License number 31-07595-02 is amended in its entirety to read as follows: 4. Expiration date January 31, 2016 5. Docket No. 030-15089 Reference No.	
6. Byproduct, source, and/or special nuclear material A. Hydrogen 3	7. Chemical and/or physical form A. Sealed Source (gas sealed in glass ampoules by Self-Powered Lighting Ltd., Saunders Roe Developments, Inc. and Mb-Microtec, Inc.)	8. Maximum amount that licensee may possess at any one time under this license A. 11 curies per source and 5,000 curies total
9. Authorized use: A. For possession, use, and storage in U.S. Army artillery fire control equipment and for distribution to recipients specifically authorized to receive the material pursuant to the terms and conditions of a license issued by the U.S. Nuclear Regulatory Commission.		

CONDITIONS

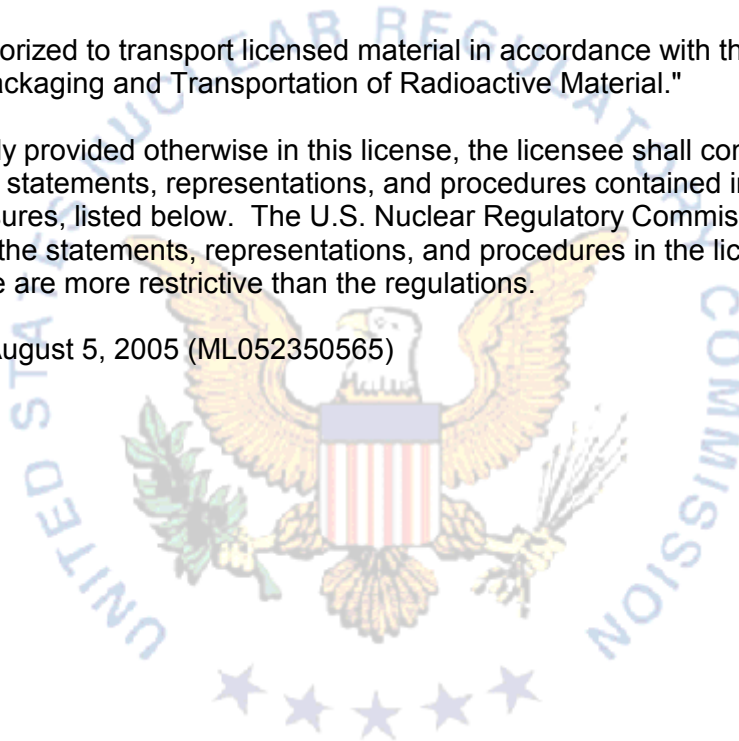
10. Licensed material may be used or stored only at the licensee's facilities located at Watervliet Arsenal, Watervliet, New York.
11. Licensed material shall only be used by, or under the supervision of, individuals designated, in writing, by the Ionizing Radiation Control Committee. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
12. The Radiation Safety Officer for this license is Samuel J. Beardsley.
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
31-07595-02Docket or Reference Number
030-15089

Amendment No. 11

14. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. 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. Letter dated August 5, 2005 (ML052350565)



For the U.S. Nuclear Regulatory Commission

Date March 3, 2010

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