

## U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 14

**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.

0003214

318652

Licensee

In accordance with letter dated

**November 18, 2009,**

3. License number 21-26460-01 is amended in its entirety to read as follows:

4. Expiration date April 30, 2013

5. Docket No. 030-33009

Reference No.

1. Cammenga and Associates, LLC.

2. 100 Aniline Avenue  
Holland, MI 49424**6. Byproduct, source, and/or special nuclear material**

A. Hydrogen-3

B. Hydrogen-3

C. Hydrogen-3

**7. Chemical and/or physical form**

A. Sealed sources (Mb-Microtec AG Model Number 400/1)

B. Sealed sources (Mb-Microtec AG Model Number 400/3)

C. Sealed sources (Mb-Microtec AG Model Number 400/3)

**8. Maximum amount that licensee may possess at any one time under this license**

A. 480,000 sources not to exceed 5 millicuries each

B. 360,000 sources not to exceed 100 millicuries each

C. 6 sources not to exceed 250 millicuries each

**9. Authorized Use:**

A. For installation in compasses and knives in accordance with NRC Registration No. 21-26460-02E, and applications dated September 11, 2006, July 18, 2008 and June 18, 2009. Also, for the receipt of compasses and watches incident to the removal of tritium sources for shipment to Mb-Microtec as described in application dated September 11, 2006.

B. For installation in compasses and knives in accordance with NRC Registration No. 21-26460-02E, and applications dated September 11, 2006, July 18, 2008 and June 18, 2009. Also, for the receipt of compasses incident to the removal of tritium sources for shipment to Mb-Microtec as described in application dated September 11, 2006.

C. For installation in compasses in accordance with NRC Registration No. 21-26460-02E. Also, for the receipt of compasses incident to the removal of tritium sources for shipment to Mb-Microtec or SRB Technologies, Inc.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

21-26460-01

Docket or Reference Number

030-33009

Amendment No. 14

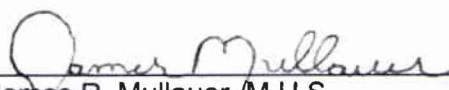
CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 100 Aniline Avenue, Holland, Michigan.
11. Licensed material shall be used by, or under the supervision of Deborah Spykerman or Judy Emery.
12. The Radiation Safety Officer for this license is Deborah Spykerman.
13. This license does not authorize commercial distribution of licensed material.
14. Licensed material shall not be used in or on human beings.
15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
16. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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 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. Applications dated January 24, 2003, June 27, 2004, June 9, 2006, September 11, 2006, and July 18, 2008, June 18, 2009; and
  - B. Letters dated June 27, 2005 (with enclosures), August 9, 2005 (with enclosures) and September 14, 2005, August 16, 2006, October 6, 2006, June 26, 2008, August 21, 2008, October 17, 2008, May 22, 2009, August 12, 2009 and September 28, 2009.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 04 2009

By

James R. Mullauer, M.H.S.  
Materials Licensing Branch  
Region III