

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. Raytheon ELCAN Optical Technologies  2. 1601 North Plano Road Richardson, Texas 75081	3. License number 42-23982-01E  4. Expiration date March 31, 2021  5. Docket No. 030-38393 Reference No. 030-38198
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6. Byproduct, source, and/or special nuclear material  A. Hydrogen 3	7. Chemical and/or physical form  A. Gas in glass vials (ELCAN Optical Technologies Model Beta Lights)	8. Maximum amount that licensee may possess at any one time under this license  A. Not applicable (See Condition 11)
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9. Authorized use:  
  
 Pursuant to 10 CFR Part 32.22, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute self-luminous light sources in gun sights manufactured in accordance with NRC Registration No. NR-1323-D-101-E containing sealed sources as specified in Condition 10 of this license to persons exempt from the requirements for a license pursuant to 10 CFR Part 30.19, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The licensee is authorized to distribute the following series of self-luminous devices containing hydrogen-3, including the cross-reference models identified in the licensee's document titled "Summary Table".

<u>Model Series</u>	<u>Maximum Activity</u>
OS Series	148 mCi (5.476 GBq) per source 296 mCi (10.952 GBq) per device

11. This license does not authorize possession or use of licensed material.

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SUPPLEMENTARY SHEET**License Number  
42-23982-01EDocket or Reference Number  
030-38393

12. The licensee may distribute only from its facility located at 1601 North Plano Road, Richardson, Texas.
13. The licensee shall file periodic reports as specified in Section 32.25(c), 10 CFR Part 32.
14. Except as specifically provided otherwise by 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 July 13, 2009;
  - B. Letter dated December 4, 2009;
  - C. Application dated February 2, 2010;
  - D. Application dated May 8, 2010 (ML103160444);
  - E. Letter dated December 20, 2010 (ML103560455).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date March 14, 2011By /RA/

Shirley S. Xu  
Licensing Branch  
Division of Materials Safety and State Agreements  
Office of Federal and State Materials and  
Environmental Management Programs  
Washington, DC 20555