

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.

<p style="text-align: center;">Licensee</p> <p>1. Excelitas Technologies – Illumination, Inc.</p> <p>2. 35 Congress Street Salem, Massachusetts 01970</p>	<p>In accordance with letter dated April 21, 2011</p> <p>3. License number 20-02804-03E is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date December 31, 2012</p> <hr/> <p>5. Docket No. 030-22545 Reference No.</p>
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Krypton-85</p> | <p>7. Chemical and/or physical form</p> <p>A. Gas</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable<br/>(See License Condition 10)</p> |
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9. Authorized use:

Pursuant to Section 32.14, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute electron tubes, containing not more than 30 microcuries of krypton-85, to persons exempt from licensing pursuant to 10 CFR 30.15, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. This license does not authorize possession or use of licensed material.
11. The licensee is authorized to distribute only from its facilities located at: 35 Congress Street, Salem, Massachusetts.
12. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.16.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
20-02804-03EDocket or Reference Number  
030-22545

Amendment No. 06

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. Application dated July 23, 2002;
  - B. Letter dated August 28, 2002;
  - C. Facsimile dated November 20, 2002;
  - D. Letter dated January 7, 2011 (ML110110178);
  - E. Letter dated April 21, 2011 (ML111160548).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date June 29, 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