

U.S. NUCLEAR REGULATORY COMMISSION

Amendment 21

**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	In accordance with letter dated December 3, 2015,
1. Osram Sylvania, Inc.	3. License number 20-30024-02E is amended in its entirety to read as follows:
2. 200 Ballardvale St. Wilmington, MA 01887	4. Expiration date September 30, 2021
	5. Docket No. 030-33162 Reference No.

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. Krypton-85	A. Kr-85 gas	A. Not Applicable (See License Condition 10)

9. Authorized use:

In accordance with 10 CFR 32.14, "Certain items containing byproduct material; requirements for license to apply or initially transfer," the licensee is authorized to distribute krypton-85 contained in electron tubes, such as glow switches used in starters and fluorescent lamps, and arc tubes used in HID lamps, not greater than 30 microcuries per electron tube; to persons exempt from licensing pursuant to 10 CFR 30.15(a)(8), or equivalent 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:
  - 1651 South Archibald Avenue, Ontario, California;
  - 1100 Tyrone Pike, Versailles, Kentucky;
  - 2460 Broadhead Road, Bethlehem, Pennsylvania;
12. The licensee shall submit periodic material transfer reports as specified in Section 32.16 of 10 CFR Part 32.
13. The licensee is exempt from the labeling requirements of 10 CFR 32.15(d), as they apply to individual electron tubes, provided that each immediate container is labeled in accordance with 10 CFR 32.15(d).

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
19-23798-01E

Docket or Reference Number  
030-33162

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14. The Corporate Radiation Safety Officer and the official records are located at 200 Ballardvale St., Wilmington, MA 01887.
15. 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 May 3, 2004 (ML041340575);
  - B. Letter dated June 28, 2004 (ML052430621);
  - C. Letter dated October 6, 2008 (ML082950204);
  - D. Letter dated December 22, 2008 (ML113112023);
  - E. Letter dated July 18, 2011 (ML112081910);
  - F. Letter dated August 17 2011 (ML112411446);
  - G. Letter dated September 2, 2011 (ML11262A048);
  - H. Letter dated September 18, 2014 (ML14279A255);
  - I. Letter dated November 22, 2014 (ML14328A160);
  - J. Letter dated December 3, 2015 (ML15362A020); and
  - K. Letter dated February 10, 2016 (ML16053A330).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date February 25, 2016

By /RA/

Richard K. Struckmeyer  
Materials Safety Licensing Branch  
Division of Material Safety, State, Tribal,  
and Rulemaking Programs  
Office of Nuclear Material Safety  
and Safeguards  
Washington, DC 20555