

U.S. NUCLEAR REGULATORY COMMISSION

Amendment 05

**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 application dated June 9, 2014,
1. Heraeus Noblelight Fusion UV, Inc.	3. License number 19-23798-01E is amended in its entirety to read as follows:
2. 910 Clopper Road Gaithersburg, MD 20878	4. Expiration date August 31, 2024
	5. Docket No. 030-32547 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:

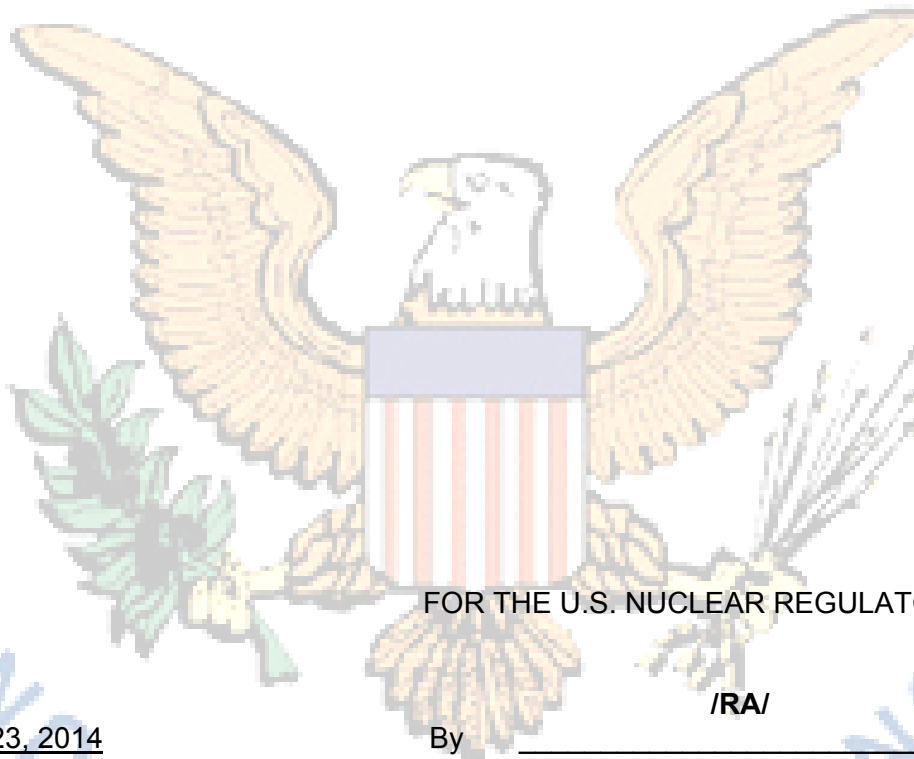
Pursuant to Section 32.14, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," Fusion UV Systems, Inc., is authorized to distribute electron tubes containing not more than 30 microcuries of krypton-85, to persons exempt from licensing pursuant to Section 30.15 of 10 CFR Part 30, 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 910 Clopper Road, Gaithersburg, MD.
- 12. The licensee shall submit periodic material transfer reports as specified in Section 32.16 of 10 CFR Part 32.

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SUPPLEMENTARY SHEET**License Number  
19-23798-01EDocket or Reference Number  
030-32547

13. 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 June 9, 2014 (ML14160A494);
  - B. Letter dated July 16, 2014 (ML14204A873);
  - C. Letter dated August 14, 2014 (ML14232A740); and
  - D. Letter dated September 17, 2014 (ML14265A224).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date September 23, 2014

By \_\_\_\_\_

Richard K. Struckmeyer  
Licensing Branch  
Division of Materials Safety and  
State Agreements  
Office of Federal and State Materials and  
Environmental Management Programs  
Washington, DC 20555