

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.

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| Licensee [] [] 1. Light Sources, Inc. [] [] 2. 37 Robinson Boulevard Orange, CT 06477 [] [] | [] [] 3. License number 06-31445-02E [] [] 4. Expiration date February 28, 2022 [] 5. Docket No. 030-38502 [] Reference No. [] |
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| 6. Byproduct, source, and/or special nuclear material A. Krypton-85 [] | 7. Chemical and/or physical form A. Gas [] | 8. Maximum amount that licensee may possess at any one time under this license A. Not Applicable (See Condition 10) [] |
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9. Authorized use:
 A. 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 krypton-85 contained in Radium Lampenwerk GmbH quartz arc tubes to persons exempt from licensing pursuant to Section 30.15, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

- 10. The licensee is authorized to distribute only from its facility located at 37 Robinson Boulevard, Orange, Connecticut.
- 11. The licensee shall submit periodic material transfer reports as specified in Section 32.16 of 10 CFR Part 32.
- 12. Notwithstanding the labeling requirements of Section 32.15(d), Part 32 as it applies to individual lamps, the licensee shall label each immediate lamp container in accordance with 10 CFR 32.15(d) and as described in the licensee's letter dated October 14, 2011.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

06-31445-02E

Docket or Reference Number

030-38502

Conditions

(Continued)

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 7, 2011;
B. Letter dated August 30, 2011; and,
C. Letter dated October 14, 2011.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date February 22, 2012

Signed by: _____

/RA/

J. Bruce Carrico
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555