

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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| <p style="text-align: center;">Licensee</p> <p>1. Superior UV Technologies (Solar Elements)</p> <p>2. 17 Centerview Drive Shelton, Connecticut 06484</p> | <p>3. License number 06-23969-01</p> <hr/> <p>4. Expiration date August 31, 2018</p> <hr/> <p>5. Docket No. 030-37784 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 in quartz arc tubes</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 0.120 microcuries per source and 400 microcuries total</p> |
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9. Authorized use:
- A. Possession and storage in Radium Lampenwerk GmbH ultraviolet lamps prior to initial distribution.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 17 Centerview Drive, Shelton, Connecticut.
11. Licensed material shall be used by, or under the supervision of, Robert Klem.
12. The Radiation Safety Officer for this license is Robert Klem.
13. The licensee shall not use licensed material in or on human beings.
14. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
15. This license does not authorize commercial distribution of licensed material to persons generally licensed pursuant to 10 CFR Part 31 or to persons exempt from licensing pursuant to 10 CFR 30.14 through 30.21, inclusive, or equivalent regulations of any Agreement State.

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SUPPLEMENTARY SHEET**License Number
06-23969-01Docket or Reference Number
030-37784

16. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. Except as specifically provided otherwise in 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 23, 2008 [ML081840550]
B. Letter dated July 24, 2008 [ML082170310]

For the U.S. Nuclear Regulatory Commission

Date August 6, 2008

By

Original signed by Elizabeth UllrichElizabeth Ullrich
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406