

**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, 37, 39, 40, 70 and 71, 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>Licensee</p> <p>1. Signify North America,</p>		<p>In accordance with application dated August 31, 2021,</p>	<p>4. Expiration Date: August 31, 2037</p>
<p>2. 400 Crossing Blvd Suite 600, Bridgewater, NJ 08807</p>		<p>3. License No.: 29-20609-02E is renewed in its entirety to read as follows:</p>	<p>5. Docket No.: 030-22295 Reference No.:</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Krypton-85</p> <p>B. Thorium</p>	<p>7. Chemical and/or physical form</p> <p>A. Gas</p> <p>B. Alloy</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No Possession Authorized</p> <p>B. No Possession Authorized</p>	<p>9. Authorized use</p> <p>A. In accordance with 10 CFR 32.14, the licensee is authorized to distribute krypton-85 contained in arc tubes within metal halide lamps and quartz arc tubes contained within projection lamps to persons who are exempt from the requirements under 10 CFR 30.15(a) (8), or equivalent regulations of any Agreement State.</p> <p>B. In accordance with 10 CFR 40.52, the licensee is authorized to distribute Thorium contained in arc tubes within metal halide lamps and quartz arc tubes contained within projection lamps to persons exempt from licensing under 10 CFR 40.13(c)(1) or equivalent regulations of any Agreement State.</p>

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: 29-20609-02E

Docket No.: 030-22295

Reference No.:

Amendment No.: 25

## CONDITIONS

10. This license does not authorize possession or use of licensed material.
11. The licensee shall mark the following statements, “[name of manufacturer or initial transferor]” or “Distributed under US NRC License No. [License Number]” and “Contains Radioactive Material Kr-85 and/or thorium” on each immediate container, as described in the labeling guidance in “Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Exempt Distribution Licenses” (NUREG-1556 Volume 8 Revision 1, Pages 9-11).
12. The licensee may distribute licensed material from its facilities located at
- A. 120 OAK HILL ROAD, MOUNTAIN TOP, Pennsylvania, 18707
  - B. 3399 EAST RAINES ROAD, MEMPHIS, Tennessee, 38118
13. 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. This license condition applies only to those statements, representations, and procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence impose on the licensee requirements that are more restrictive than or in addition to the regulations.
- A. Application dated August 31, 2021 (ML21244A330),
  - B. Letter dated February 22, 2022 (ML22055A498).

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FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: August 11, 2022

By: \_\_\_\_\_  
Headquarters