



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

September 6, 2022

Brian Glazer  
Field Service Manager  
Venture Lighting International, Inc.  
7905 Cochran Road #300  
Glenwillow, OH 44139

SUBJECT: VENTURE LIGHTING INTERNATIONAL, INC. REQUEST FOR ADDITIONAL  
INFORMATION CONCERNING RENEWAL APPLICATION FOR AN EXEMPT  
DISTRIBUTION LICENSE APPLICATION DATED MAY 31, 2022

Dear Mr. Glazer:

This letter refers to your application dated May 31, 2022, Agencywide Documents Access and Management System (ADAMS) accession number ML22165A159. In reviewing your application, we found that additional information is required to complete our review.

Your request to authorize halide lamps containing Krypton (Kr-85) for distribution is regulated under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 30 "Domestic Licensing of Byproduct Material". These regulations require the applicant to submit sufficient information regarding the product pertinent to evaluation of the potential radiation exposure, please submit the following information:

1. A copy of your current State of Ohio Radioactive Materials License.
2. Confirm that you are requesting to distribute halide lamps equipped with arc tubes containing less than 30 microcuries of Krypton-85 (Kr-85) to persons who are exempt from the requirements under 10 CFR 30.15(a)(8).
3. 10 CFR 32.16 requires the applicant submit annual transfer reports. Please provide transfer reports for 2019, 2020, and 2021.
4. 10 CFR 32.14(b)(2) requires the applicant to submit details of construction and design of each product.
5. 10 CFR 32.14(b)(3) requires the applicant to submit the method of containment or binding of the byproduct material in the product. Please describe the method by which Kr-85 gas is introduced and the glass tube is sealed.
6. 10 CFR 32.14(b)(6) requires the applicant to submit the proposed method of labeling or marking each unit and its container with the identification of the manufacturer or initial transferor of the product and the byproduct material in the product.

7. 10 CFR 32.14(b)(7) requires the applicant to submit the radiation level and the method of measurement for products for which limits on levels of radiation are specified in Section 30.15. Section 30.15(a)(8)(iv) specifies that each electron tube containing byproduct material does not exceed 30 microcuries of Kr-85. *And provided further*, That the levels of radiation from each electron tube containing byproduct material do not exceed 1 millirad per hour at 1 centimeter from any surface when measured through 7 milligrams per square centimeter of absorber.
8. Please confirm that your products do not contain any thorium.

In accordance with 10 CFR 2.390 of the U.S. Nuclear Regulatory Commission's (NRC's) "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

To continue review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter. In your response, please refer to the license, docket, and control number specified below. We will assume that you do not wish to further pursue this licensing action if we do not receive a reply within the specified timeframe noted above.

If you have any questions, you may contact me at (301) 415-3257, or by electronic mail at [Michelle.Hammond@nrc.gov](mailto:Michelle.Hammond@nrc.gov).

Sincerely,

Michelle M. Hammond, M.Sc.  
Materials Safety and Tribal Liaison Branch  
Division of Materials Safety, Security, State,  
and Tribal Programs  
Office of Nuclear Materials Safety  
and Safeguards

License No. 34-26659-03E  
Docket No. 030-38541  
Mail Control No. 631651

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INFORMATION CONCERNING RENEWAL APPLICATION FOR AN EXEMPT  
DISTRIBUTION LICENSE APPLICATION DATED MAY 31, 2022

DATE: SEPTEMBER 6, 2022

**ADAMS Accession Number: ML22249A090**

OFFICE	MSST/MSTB	MSST/MSTB	MSST/MSTB	MSST/MSTB
NAME	MHammond	JGoodridge	SXu	MHammond
DATE	09/06/2022	09/06/2022	09/06/2022	09/06/2022

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