



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

May 12, 2021

Mr. Laurence Lin, Project Manager
Fanlight Corporation, Inc.
2000 South Grove Ave. Building B
Ontario, CA 91761

SUBJECT: FANLIGHT CORPORATION, INCORPORATION REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR A LICENSE AMENDMENT, LICENSE NO. 04-23991-01E

Dear Mr. Lin:

This letter refers to your application dated April 1, 2021, Agencywide Documents Access and Management System (ADAMS) accession number ML21105A057. In reviewing your application, we found that additional information is required to complete our review. Your letter requested an amendment and a renewal. Please resubmit your request for an amendment only.

Your request to add lamps containing thorium-232 (Th-232) for distribution is regulated under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 40 "Domestic Licensing of Source Material", which requires the applicant to submit sufficient information regarding the product pertinent to evaluation of the potential radiation exposure, please submit the following information:

1. Submit a revised amendment application that references 10 CFR 40, including the proposed method of labeling or marking each unit, and/or its container with the identification of the manufacturer or initial transferor of the product and the source material in the product as required under 10 CFR Section 40.52.
2. Submit quality control procedures to be followed in the fabrication of production lots of the product. Specifically address how you will ensure that each lamp will not exceed 50 milligrams of thorium as required under 10 CFR Paragraph 40.13(c)(1)(iv). Please include associated calculations.
3. Provide timely renewal letter for your State of California Radioactive Materials License (expires June 2021).

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.

Sincerely,

**Michelle M.
Hammond**

Digitally signed by Michelle
M. Hammond
Date: 2021.05.12 09:29:27
-05'00'

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

Docket No. 030-38462
Mail Control No. 625370

SUBJECT: FANLIGHT CORPORATION, INCORPORATED REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR A LICENSE AMENDMENT, LICENSE NO. 04-23991-01E

DATE: May 12, 2021

ADAMS Accession Number: ML21131A236

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| OFFICE | MSST/MSTB | MSST/MSTB | MSST/MSTB | MSST/MSTB |
| NAME | MHammond | TBrockington | SXu | MHammond |
| DATE | 05/07/2021 | 5/11/2021 | 05/12/2021 | 05/12/2021 |

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