



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

April 8, 2020

Mr. Brian Sayers
Director of Operations
DHL Supply Chain
360 Westar Blvd
Westerville, OH 43082-7627

SUBJECT: DHL SUPPLY CHAIN, REQUEST FOR ADDITIONAL INFORMATION FOR A
NEW U.S. NUCLEAR REGULATORY COMMISSION EXEMPT DISTRIBUTION
LICENSE

Dear Mr. Sayers:

This letter refers to your letter response letter dated April 2, 2020. In reviewing your response, we have additional questions regarding your response. In order to continue our review, please address the issues listed below. This information is required by Title 10 of the *Code of Federal Regulations* (10 CFR) Section 32.14, "Certain items containing byproduct material; requirements for license to apply or initially transfer;" and 10 CFR 40.52, "Certain items containing source material; requirements for license to apply or initially transfer."

1. As stated in our previous letter, dated March 24, 2020, the regulatory requirement in 10 CFR Paragraph 40.13(c)(1)(iv) requires that each electric lamp does not contain more than 50 milligrams of thorium, not the weight of the lamp, nor percentage of thorium.

Your response stated that "For the majority of applicable lamp products, the total thorium content (electrodes and iodide coating in arc tubes) is less than 5 mg and the maximum total thorium content is less than 50 mg."

Please clarify that all your lamps containing less than 50 milligrams of thorium.

2. As required by the regulation, the initial distributor, or licensee, in this case, DHL Supply Chain, will be responsible for its distributions. Therefore, the identity of the licensee needs to be displayed on the label. Submit the proposed method of labeling or marking each unit, and/or its container with the identification of the initial transferor of the product. Additionally, the NRC exempt distribution license No. 16-17316-01E does not authorize to distribute lamps containing thorium.

We will continue our review upon receipt of this information. If we do not receive a reply from you within 15 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Please be aware that upon your request, proprietary information submitted to the NRC may be withheld from public disclosure. To do this, you must follow the procedures in 10 CFR 2.390(b) including requesting withholding at the time the information is submitted and complying with the document marking and affidavit requirements set forth in 10 CFR 2.390(b)(1).

In accordance with 10 CFR 2.390 of the 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 Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, you may contact me at (301) 415-7640, or by electronic mail at Shirley.Xu@nrc.gov.

Sincerely,

/RA/

Shirley S. Xu
Materials Safety and Tribal Liaison Branch
Division of Material Safety, Security, States,
and Tribal Program
Office of Nuclear Material Safety
and Safeguards

Docket No. 030-39218
Mail Control No. 618062

Brian Sayer

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DATED: April 8, 2020

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OFFICE	MSST/MSTB	MSST/MSTB	MSST/MSTB
NAME	SXu	TBrockington	SXu
DATE	04/07/2020	04/07/2020	04/08/2020

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