

**From:** [Xu, Shirley](#)  
**To:** ["Lelis, Albert"; Daniel@Radexperts.com](#)  
**Subject:** Osram Sylvania, Inc. Request Additional Information  
**Date:** Friday, June 04, 2021 3:42:51 PM

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Mr. Lelis and Mr. Johnson,

This refers to your license amendment request dated April 30, 2021, and received on May 20, 2021. Please note that lamps containing thorium is regulated under 10 CFR 40.13(c)(1)(iv), "electric lamps for illuminating purposes: Provided, That each lamp does not contain more than 50 milligrams of thorium." Your letter cited an incorrect regulation of 10 CFR 40.13(c)(4) for thorium lamps.

In order to continue our review, we need additional information listed below.

1. In your letter, the thorium content was described in percentage. Please provide the maximum thorium in each type/model of lamp in milligrams as required under 10 CFR 40.13(c)(1)(iv).
2. In Attachment B of your letter, describe what material is contained in "Radium Coil"?
3. Confirm the following distribution locations for Kr-85 lamps (A.C. E. F) and thorium lamps (A.C. E. F. G. H):
  - A. 1651 South Archibald Ave., Ontario, California
  - C. 549 Mill Rd, Edison, New Jersey, 08837
  - E. 8710 Dice Road, Santa Fe Springs, California, 90620
  - F. 300 West Olive Avenue, Memphis, Tennessee, 38106
  - G. 275 West Main Street, Hillsboro, NH 03244
  - H. 1349 Highway 3041, Corbin, KY 40701
4. Under proposed labeling, for items identified on Page 9 & 10 as Group 2, you stated that labeling would appear on the exterior of the bulk distribution package once fully assembled. Why does not the labeling appear on the immediate packaging of the individual product for this group?

We will continue our review upon receipt of this information. If we do not receive a reply from you within 30 calendar days from the date of this email, we will assume that you do not wish to pursue your application.

Please be aware that upon your request, proprietary information submitted to the U.S. Nuclear Regulatory Commission (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 NRC's "Rules of Practice," a copy of this letter will be

available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If you have any questions, please feel free to contact me at (301) 415-7640

Sincerely,

*Shirley Xu*

*U.S. Nuclear Regulatory Commission*

*Office of NMSS*

*Mail Stop: T5B60*

*Washington, D.C. 20555-0001*

*Office: 301.415.7640*