

**From:** [Jason Kelly](#)  
**To:** [ehler1ja@cmich.edu](mailto:ehler1ja@cmich.edu)  
**Subject:** U.S. NRC Materials License #21-01432-02 - Request for Additional Information  
**Date:** Thursday, February 29, 2024 12:37:00 PM

---

Dr. Walton:

I have reviewed the application dated January 18, 2024, signed by David Weindorf, Vice President for Research and Innovation, for an amendment to your U.S. Nuclear Regulatory Commission (NRC) Materials License No. 21-01432-02.

The U.S. NRC's guidance document for your type of license is NUREG-1556, Volume 7, Rev. 1, dated February 2018, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope." This guidance is available on the U.S. NRC website at: <https://www.nrc.gov/docs/ML1806/ML18065A006.pdf>

Upon review of the request, I identified the following areas in which additional or clarifying information is needed:

1. The request refers to the transfer/disposal of a single Am-241 foil source remaining in your inventory. Item 8, Part X, of your license identifies that you are licensed for up to five Am-241 foil sources. Please clarify if your institution had previously acquired any other such Am-241 foil sources and provide applicable records demonstrating that the sources were appropriately disposed and were not leaking radioactive material.
2. Submit a copy of the leak test record for the Nuclear Radiation Developments, Inc., Model A-1000-000-300 foil source demonstrating that the source was tested and found to not be leaking radioactive material ahead of being transferred for disposal. Please also include a letter from the waste broker identifying that the Nuclear Radiation Developments, Inc., Model A-1000-000-300 foil source was received. Note that the accompanying Waste Manifest for Shipment No. 0523CMU only identifies that a 0.28 mCi Am-241 source was received by consignee on May 23, 2023. Additional detail is needed.

Please provide a written response to this request within 15 calendar days. To ensure proper routing, please include a reference to your institution's U.S. NRC Materials License No. 21-01432-02 along with Control No. 638849. Once you are ready to submit the response, you may forward it to me via e-mail. If you do not receive a prompt acknowledgement of receipt, you are also welcome to send a confirming hardcopy by U.S. Mail to the address in my signature block below.

As you will not receive a hardcopy of this request, please respond to this e-mail verifying that you have received it. Please contact me at (630) 829-9737 or [Jason.Kelly@nrc.gov](mailto:Jason.Kelly@nrc.gov) if you have any questions or if you need additional time to respond to this request.

**Jason M. Kelly, MPH, CPH**  
**Health Physicist**  
**Materials Licensing Branch**

**U.S. Nuclear Regulatory Commission**

**Region III**

**2443 Warrenville Road, Suite 210**

**Lisle, IL 60532-4352**

**Office: (630) 829-9737**

**Fax: (630) 515-1078**



**<http://www.nrc.gov/>**