

From: [Frank Tran](#)
To: shane.neumann@duke-energy.com
Subject: Request additional information for NRC Materials License No. 13-15544-01
Date: Tuesday, September 5, 2023 11:31:00 AM

Dear Shane Neumann,

This refers to the renewal license application for Duke Energy Indiana, LLC (“licensee”), NRC Materials License No. 13-15544-01. We reviewed the application in accordance with the licensing guidance in NUREG-1556, Volume 4, Revision 1. An electronic copy of this guidance can be downloaded from the NRC’s website referenced below. Based on the review, we will need the following.

1. The licensee transferred three Texas Nuclear Corporation Model 5211 fixed gauges contained sealed sources to Energy Technologies, Inc. in Maryville, Tennessee (Tennessee’s License No. R-05028-H23) and provided a receipt of the transferring. If the licensee would like to delete the authorization for Texas Nuclear Corporation Model 5211 fixed gauges from the license, please provide a copy of the last sealed source leak test for the sources.
2. The licensee indicates that the total possession limits for radioactive material for Kay-Ray/Sensall, Inc. Model 7062BP and Vega Americas, Inc. Model SHLD1 will be decreased. If the licensee would like to reduce the possession limit because the licensee transferred one or more Kay-Ray/Sensall, Inc. Model 7062BP to other authorized person(s), please provide a copy of the transferring receipt and the last sealed source leak test for the gauge(s).
3. Please confirm that there are no changes to sealed source’s manufacturers/vendors and models currently authorized in the license. If there have been changes, please describe the changes.
4. Provide a copy of the delegation of authority for the Radiation Safety Officer. For your reference, a sample of the memo is in Appendix C of NUREG-1556, Volume 4, Revision 1.
5. The licensee did not provide information regarding the training and experience for users who will use licensed materials (Section 7.2 of NUREG-1556, Volume 4, Revision 1). Describe the training program for users as discussed in NUREG-1556, Volume 4, Revision 1 or provide the following statement: “Before using licensed materials, authorized users will have successfully completed one of the training courses described in the “Criteria” part of the section titled, “Authorized Users” in NUREG-1556, Volume 4, Revision 1, “Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses.””

To continue the review of your application, we request that you submit your response under a dated and signed cover letter by October 5, 2023. In the cover letter, please reference the license number and Mail Control No. 636644. If you have questions, require additional time to respond, or require clarification on any of the information stated above, please contact

me at 630-829-9623 or reply to this email.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this correspondence will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

Best regards,

Frank Tran

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References:

NRC Regulations: <https://www.nrc.gov/reading-rm/doc-collections/cfr/index.html>

NUREG-1556 Series: <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/index.html>

NRC Forms: <https://www.nrc.gov/reading-rm/doc-collections/forms/index.html>

NRC License Fees: <https://www.nrc.gov/about-nrc/regulatory/licensing/fees.html>