



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

December 13, 2021

Bertil C. Valenkamph
Director Radiation Protection
Director Station Chemistry & Environmental Compliance
Northern Indiana Public Service Company
2755 Raystone Dr.
Valparaiso, IN 46383

Dear Mr. Valenkamph:

This letter is in reference to your letter dated December 3, 2021, providing additional information regarding your request to amend U.S. Nuclear Regulatory Commission Materials License No. 13-14984-01.

The NRC's guidance document for your proposed type of license is NUREG-1556, Volume 4, Rev. 1, dated July 2016, "Consolidated Guidance About Materials Licenses: Program - Specific Guidance About Fixed Gauge Licenses." This guidance is available on the NRC Web site at: <https://www.nrc.gov/docs/ML1618/ML16188A048.pdf>

Upon review of your response, I identified the following areas where additional or clarifying information is still needed:

1. Your response provided documentation of the transfer/disposal of a Niton Model XL 800, Device S/N U2221, X-Ray Fluorescence (XRF) Alloy Analyzer; however, your license authorizes a Texas Nuclear Corporation Model 9200 Series (9266 Source Housing) XRF Alloy Analyzer.

Clarify the status of the Thermo Fisher Scientific (formerly Texas Nuclear Corporation) Model 9200 Series (9266 Source Housing) XRF Alloy Analyzer. Include applicable documentation of the transfer/disposal of the Thermo Fisher Scientific Model 9200 Series XRF Alloy Analyzer.

2. Section 8.7.1, "Radiation Safety Officer," of the guidance identifies that the Radiation Safety Officer (RSO), is responsible for the oversight of licensed operations. The RSO must have sufficient organizational authority and management prerogative to enforce appropriate radiation protection rules, standards, and practices.

To formally establish the organizational authority of your office, please submit a current Delegation of Authority signed by a management representative. A model Delegation of Authority is provided in Appendix C, "Typical Duties and Responsibilities of the Radiation Safety Officer," of the guidance.

In addition, please provide applicable contact information for the proposed RSO, including office phone number, fax number, mobile phone number and e-mail address.

3. Your request identified that you have ceased all licensed operations at the Bailly Generating Station and have requested the site to be removed from your license.

As previously requested, please provide current Leak Test Reports for all sealed sources or fixed gauging devices previously stored at the former location.

4. The inventory of radioactive materials included with your response did not account for all licensed materials, including:
- Ohmart Corporation Model HM-8 Source Housing;
 - Ohmart Corporation Model SHD Source Housing;
 - Thermo Process Instruments, LP (formerly Texas Nuclear Corporation) Model 5197 Gamma Gauge Source Housing;
 - Kay Ray/Sensall, Inc., Model 7062 Gamma Source Holder; and
 - Kay-Ray/Sensall, Inc., Model 7080 Source Head.

Clarify the status of the above licensed devices. As applicable, please provide records of transfer/disposal of the above licensed devices.

5. The inventory of radioactive materials included with your response did not identify all requested information. Please provide the identity of the source manufacturer and model number for the sealed sources to be authorized for use with each of these fixed gauging devices. Additionally, please specify the total activity for the fixed gauging devices that you require continuing license authorization to possess and use.

In accordance with Title 10 Code of Federal Regulations §2.390 of the NRC's "Rules of Practice," a copy of this letter 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>.

To continue review of your request, please submit your response within 15 calendar days from the date of this letter. In your response, please refer to the license, docket, and control number specified below. If no response is received within the specified timeframe noted above, it will be assumed that you do not wish to proceed with the requested licensing action.

If you have questions, require additional time to respond, or require clarification on any of the information stated above, you may contact me at jason.kelly@nrc.gov or (630) 829-9737.

Sincerely,

Jason M. Kelly, MPH
Health Physicist
Materials Licensing Branch

License No. 13-14984-01
Docket No. 030-08362
Control No. 628754