



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

March 26, 2024

Collin Artinger
Radiation Safety Officer
Mid-America Calibrations
808 SW Nautica Ct.
Lee's Summit, MO 64082

Dear Mr. Artinger:

This letter is regarding your application dated November 30, 2023, and the revised application dated March 7, 2024, signed by Janice Artinger, President and CEO, for the renewal of your U.S. Nuclear Regulatory Commission (NRC) Materials License No. 24-32531-01.

The U.S. NRC's guidance document for your proposed type of license is NUREG-1556, Volume 18, Rev. 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Service Provider Licenses." This guidance is available on the U.S. NRC website at: <https://www.nrc.gov/docs/ML1724/ML17242A055.pdf>

Upon review of your request, I identified the following areas requiring additional or clarifying information:

1. Section 8.5.1, "Sealed Sources," of the guidance, identifies that the application should identify the manufacturer's name, model number, radionuclide, quantity and nominal activity for each requested sealed source and manufacturer and model number for each device that they will possess, use, service in accordance with 10 CFR 30.32(g). Service providers will be authorized to possess and use only those sealed sources and devices specifically approved or registered by the U.S. NRC or an Agreement State.

The U.S. NRC or an Agreement State performs safety evaluations of sealed sources and devices before authorizing manufacturers to distribute to licensees. This safety evaluation is documented in a Sealed Source and Device (SS&D) registration certificate.

Upon review of your request for license renewal, I was not able to locate a SS&D Registry Sheet for the J.L. Shephard Model 26/8-6A instrument calibrator. Please verify the model number of the instrument calibrator and provide any available supporting documentation from the manufacturer/distributor confirming the model number of the device, including the SS&D Registry Sheet.

2. Section 8.5.3, "Recordkeeping for Decommissioning," of the guidance, identifies that licensees must maintain records of structures and equipment where licensed materials are used or stored at locations specifically listed in the license until the site is released for unrestricted use.

As-built drawings (not blueprints) with modifications of structures and equipment shown, as appropriate, fulfill this requirement. If drawings are not available, licensees may substitute appropriate records concerning the areas and locations where licensed materials are used. In addition, if licensees have experienced unusual occurrences (e.g., leaking sources or other incidents that involve the spread of contamination), they must maintain records about contamination that remains after cleanup or contamination that may have spread to inaccessible areas. Under NRC regulations when terminating the license, licensees must transfer records important to decommissioning to either of the following:

- the new licensee before licensed activities are transferred or assigned [10 CFR 30.35(g), 10 CFR 30.51(e), 10 CFR 40.36(f), 10 CFR 40.61(e), and 10 CFR 70.51(b)]
- the appropriate NRC regional office before the license is terminated [10 CFR 30.51(f), 10 CFR 40.61(f) and 10 CFR 70.51(a)]

As indicated in the "Response from Applicant," section of the guidance, please respond by providing the following:

The statement: "Pursuant to 10 CFR 30.35(g), 10 CFR 40.36(f), and 10 CFR 70.25(g), and 10 CFR 70.51(b)(3), as appropriate, we will maintain drawings and records important to decommissioning and will transfer these records to an NRC or Agreement State licensee before licensed activities are transferred. Furthermore, pursuant to 10 CFR 30.51(f), 10 CFR 40.61(f), and 10 CFR 70.51(a), as appropriate, prior to license termination, we will forward the records required by 10 CFR 30.35(g), 10 CFR 40.36(f), and 10 CFR 70.25(g), as appropriate, to the appropriate NRC regional office or to assign the records to the appropriate NRC regional office before the license is terminated."

3. Section 8.8, "Item 8: Training for Individuals Working in or Frequenting Restricted Areas," states that ancillary personnel (e.g, clerical, housekeeping, security personnel) should be informed about radiation hazards and the appropriate precautions they should take when working in the vicinity of licensed material.

Ancillary personnel must receive radiation safety training commensurate with their duties. Each individual should also receive periodic refresher training.

As indicated in the "Response from Applicant," section of the guidance, please respond by providing the following:

- the statement: "Before working in the vicinity of licensed materials, personnel will have successfully completed training commensurate with assigned duties."; or
- a description of the radiation safety training program, including topics covered, groups of workers, assessment of training, qualifications of instructors, and the method and frequency of refresher training.

In accordance with 10 CFR §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 website at <https://www.nrc.gov/reading-rm/adams.html>.

To continue review of your request, please submit your response to this letter within 15 calendar days from the date of this letter. In your response, please refer to the license, docket, and control number specified below. I will assume that you do not wish to further pursue this licensing action if I do not receive a reply within the specified timeframe noted above.

If you have questions, require additional time to respond, or require clarification on any of the information requested, I encourage you to contact me at (630) 829-9737 or via e-mail at Jason.Kelly@nrc.gov.

Sincerely,

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

Docket No.: 030-36634
License No.: 24-32531-01
Control No.: 638103