



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

April 6, 2021

Matthew Gorsline
Sr. Specialist, Quality and Safety
NSF International
789 N. Dixboro Rd.
Ann Arbor, MI 48105

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR NRC MATERIALS LICENSE
NO. 21-15209-02

Dear Mr. Gorsline:

We have reviewed a one-page document (NRC Form 313) dated October 23, 2020 requesting to renew the Materials License No. 21-15209-02 for NSF International. In addition, we reviewed the unsigned letter dated December 4, 2020 with attachments (including, but not limited to, the NRC Form 313 above and the Radiation Protection Program Plan, Revision 5). We determined the application was not prepared in accordance with our licensing guidance and insufficient. We requested for additional information in an email dated February 19, 2021; however, we did not receive all needed information.

Title 10 of the *Code of Federal Regulations* (10 CFR) 30.37, "Application for renewal of licenses" requires the licensee to provide a license renewal application in accordance with NRC Form 313 and 10 CFR 30.32. Based on Section 30.32(b), after the receipt of the original application, the NRC may require further statements in order to enable the NRC to determine whether the application should be granted or denied or whether a license should be modified or revoked. The NRC provides a series of licensing guidance (NUREG-1556 Series) to assist the applicant/licensee in preparation for the application. As specified in 10 CFR 30.9 and 30.10, the NRC requires the information provided by the applicant/licensee or its employees, contractors or subcontractors to be complete and accurate in all material aspects. The NRC Materials license will be renewed in its entirety if the renewal application meets the requirements set forth in 10 CFR 30.33.

Based on the review, we will need the following.

- 1) 10 CFR 30.32(c) requires the application be signed by the applicant or licensee or a person duly authorized to act for and on his behalf. The NRC accepts the signature of the current Radiation Safety Officer (RSO) listed in the license or the senior executive management or an individual who was delegated by the licensee in writing to make legal commitments on its behalf. Please resubmit NRC Form 313 with a proper signature. For a legal designee' signature, please provide a copy of the document for the delegation.
- 2) Provide the purpose(s) for which licensed material will be used.
- 3) Provide name of the RSO.

M. Gorsline

- 4) If there are no changes to the users listed in License Condition 11 of the license (Amendment No. 4), please state. If there will be new names to the list, provide the names and training and experience as discussed in Section 8.7.2 of NUREG-1556, Volume 7, Revision 1, for each individual.
- 5) Provide the following statement: "Pursuant to 10 CFR 30.35(g) and 10 CFR 40.36(f), as appropriate, we will maintain records important to decommissioning and transfer these records to an NRC or Agreement State licensee before licensed activities are transferred or assigned, in accordance with 10 CFR 30.34(b) and 10 CFR 40.46, as appropriate. Furthermore, pursuant to 10 CFR 30.51(f) and 10 CFR 40.61(f), as appropriate, prior to license termination, we will forward the records required by 10 CFR 30.35(g) and 10 CFR 40.36(f), as appropriate, to the appropriate NRC Regional Office."
- 6) Provide the following statement: "We will ensure that instruments will be calibrated before first use, at least annually thereafter, and after any repair."
- 7) Attachment 2 in the Radiation Protection Program Plan, Revision 5, provided a radiation annual dose assessment based on the fixed quantity of radionuclides listed in the license. However, the quantities may be increased based on the licensee's operations and that dose assessment may be invalid. Therefore, it will be a need to reassess the dose limit when the use of licensed material increased (amount used per year may be higher than the maximum limit at any one time). Please provide the following statement: "We will maintain, for inspection by the NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of the limits in 10 CFR 20.1502."
- 8) Section 8.11.4 in the Radiation Protection Program Plan, Revision 5, states that liquid radioactive waste may be disposed of via the public sanitary sewer system at NSF. Please provide a facility diagram which shows the disposal locations (such as sinks or floor drains) and a commitment to follow the model waste procedures that are published in Appendix P in NUREG-1556, Volume 7, Revision 1, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope' to dispose of liquid radioactive waste into sanitary sewerage. If NSF International will, in fact, not dispose liquid radioactive waste via sanitary sewerage, please state.

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 Web site at <https://www.nrc.gov/reading-rm/adams.html>.

To continue review of the renewal application, we request that the response to this letter be submitted by April 20, 2021. In the cover letter, please refer to the license, docket, and control number specified below. Please date and sign the cover letter by an individual as identified in Question 1 above. We will assume that NSF International do not wish to further pursue this licensing action if we do not receive the response within the specified timeframe noted above. If we denied the application, we will follow the process in NUREG-1556, Volume 20, Revision 1 to issue a denial letter. With that, NRC License No. 21-15209-02 will be expired by 10 CFR 30.36(a) and NSF International will be required to follow 10 CFR 30.36(d) to terminate its license activities.

M. Gorsline

For your references, electronic copies of NUREG-1556, Volume 7, Revision 1 and Volume 20, Revision 1 can be obtained from the NRC's website at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/index.html>.

If you have questions or require clarification on any of the information stated above, please contact me at 630-829-9623 or frank.tran@nrc.gov.

Sincerely,

Frank Tran
Health Physicist
Materials Licensing Branch

Docket No.: 030-38362
License No.: 21-15209-02
Control No.: 623485