

From: [Tran, Frank](#)
To: [Menz, Gregory](#)
Cc: [Matlock, Christian](#)
Subject: Request for additional information for NRC License No. 24-26333-01
Date: Thursday, December 09, 2021 11:46:00 AM

Dear Mr. Menz:

We have reviewed your license renewal application dated October 20, 2021 for NRC License No. 24-26333-01 for Lone Star Industries, Inc. d/b/a Buzzi Unicem USA. We reviewed your application in accordance with the licensing guidance, NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses" which can found on the NRC's website at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v4/index.html>. Based on the NRC policy, your license will be renewed in its entirety in accordance with NRC regulations and guidance if the application meets the requirements in Title 10 of the Code of Federal Regulations (10 CFR) Section 30.32. Based on the review, we will need the following information. Please note that, based on the licensing guidance above, you could alternatively provide a response in accordance with its instructions.

1. Lone Star Industries, Inc. listed the sealed source manufacturers and models to be used in the fixed gauges; however, the fixed gauge and material analyzer manufacturers and models were not provided. If there have been no changes to the fixed gauges and analyzers associated with the sealed sources listed in the current license (Amendment No. 14), please provide a confirmation.
2. Provide a statement that Lone Star Industries, Inc. will use the licensed material in accordance with the Sealed Source and Device (SSD) Registration certificates.
3. For the training associated with the use of licensed material, 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.""
4. Regarding the facilities and equipment, provide the following statement: "Lone star Industries, Inc. will ensure that the location of each fixed gauge meets the criteria in Section 8.9, "Facilities and Equipment," in NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses.""
5. For radiation monitoring instruments, provide the following statement: "Surveys according to 10 CFR 20.1501 will be performed by a person specifically authorized by the NRC or an Agreement State to perform these surveys."
6. For licensed material control and accountability, provide the following statement: "Physical inventories will be conducted every 6 months or at other intervals approved

by the NRC to account for all sealed sources and devices received and possessed under the license. We will develop, implement, and maintain procedures for ensuring accountability of licensed materials at all times.”

7. For occupational dose, 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(a).”
8. For operating and emergency procedures, provide the following statement: “Operating, emergency, and security procedures will be developed, implemented, maintained, and distributed and will meet the criteria in Section 8.10.6, “Operating, Emergency, and Security Procedures,” in NUREG-1556, Volume 4, Revision 1.”
9. For leak test of licensed sealed sources, provide the following statement: “Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the SSD registration certificate. Leak tests will be performed by an organization licensed by the NRC or an Agreement State to provide leak testing services to other licensees; or using a leak test sample collection kit supplied by an organization licensed by the NRC or an Agreement State to provide leak test kits and/or sample analysis services to other licensees and according to the kit supplier’s instructions. Records of leak test results will be maintained.”
10. For preventive maintenance of licensed equipment, provide the following statement: “We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer’s or distributor’s written recommendations and instructions. The gauge manufacturer, distributor, or other person authorized by the NRC or an Agreement State will perform nonroutine operations such as installation, initial radiation survey, repair and maintenance of radiological safety components, relocation, replacement, alignment, removal from service, and disposal of sealed sources.”
11. A confirmation that Lone Star Industries, Inc. will not use licensed material at temporary jobsites under this license.

To continue the review of your application, we request that you submit your response under a dated and signed cover letter (signed by the licensee senior executive management or designee) by January 6, 2022. In the cover letter, please reference the license number, docket number and Mail Control No. 628904.

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 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,

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