

From: [Frank Tran](#)
To: [Krzyaniak, Nathan A CIV USARMY TACOM \(USA\)](#)
Subject: Request for additional information for NRC Materials License No. 21-32838-02
Date: Monday, May 15, 2023 5:22:00 PM

Dear Nathan Krzyaniak,

This refers to the renewal license application for U.S. Army Tank-automotive and Armaments Command, NRC License No. 21-32838-02. We reviewed the application in accordance with the licensing guidance in NUREG-1556, Volume 1, Revision 2. An electronic copy of the guidance can be downloaded from the NRC's website at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v1/index.html>. Based on the review, we will need the following.

1. The current license is authorized for Troxler Model 3400 Series; however, the application lists only Troxler Model 3440 Plus. If the licensee has never used other models in the 3400 Series except 3440 Plus, please state. If other models were used and transferred to other authorized licensees, please provide a copy of the transferring receipt(s) and the last leak test(s).
2. Your portable gauges contained radioactive material which have been evaluated for radiation safety and approved for use under the conditions as registered with the Sealed Source and Device Registry (SSDR). Provide a statement that the licensee will use portable gauges in accordance with their SSDR certificates.
3. Please note that many tasks and duties associated with managing the radiation safety program may be assigned or delegated to other qualified individuals to perform on behalf of the Radiation Safety Officer (RSO). The NRC recognizes that a qualified individual will on occasion fill in for the RSO when the RSO is away for short periods of time (e.g., professional conferences, vacation, illness). Absences that have a major impact on licensed activities should not occur for extended or indefinite periods of time. Consideration should be given to how individuals temporarily delegated the duties and tasks of the absent RSO could contact the RSO in the event of an emergency. Please confirm that RSO's tasks and duties may be assigned or delegated to other qualified individuals to perform; however, the responsibility for these tasks and duties remains with the RSO.

The Operator and Field Maintenance TM-5-6635-350-13&P describes the responsibilities of the Radiation Safety Staff Officer (RSSO). Is this individual the same as the Radiation Safety Officer (RSO) listed in your NRC materials license?

4. The current license authorizes licensed material to be used and stored at 6501 E. Eleven Mile Rd., Warren, Michigan. If licensed material is still possessed at this location, please state and provide a diagram of the area where licensed material is stored (indicating adjacent areas).
5. The licensee requests to possess, use and store licensed material at the U.S. Army, Army Reserve, and National Guard installations in the U.S. Please confirm that the

licensee will maintain records of the areas and locations where licensed material will be stored, for inspection by the NRC at 6501 E. Eleven Mile Rd., Warren, Michigan. In addition, please describe how the licensee will ensure the radiation dose in unrestricted areas around the storage areas to be less than or equal to 2 mR in any one hour and less than or equal to 100 mR in a year.

6. Regarding the training program for gauge users (tester operators), the licensee provided information for the Technical Engineers Specialist Course and Reserve Component Course (12T). However, detailed information for the Tester Training Course was not provided. If the training program meets the criteria discussed in Section 8.8.1, "Authorized Users", in NUREG-1556, Volume 1, Rev. 2, please confirm that the licensee's training program for portable gauge users is at a minimum equivalent to the criteria in Appendix C, "Criteria for Acceptable Training Courses for Portable Gauge Users", in NUREG-1556, Volume 1, Rev. 2. Alternatively, you could provide detailed information for the Tester Training Course (including the information outline in Appendix C above).
7. The licensee stated that survey meter will be calibrated by the Army's Test Measurement Diagnostic Equipment (TMDE) organization. Please provide a copy of the license (NRC or an Agreement State license) authorized for calibrating the radiation survey instruments or a confirmation that the licensee will ensure its radiation survey meters be calibrated in accordance with Appendix I in NUREG-1556, Volume 7, Rev. 1 (<https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v7/index.html>.)

To continue the review of your application, we request that you submit your response under a dated and signed cover letter by June 14, 2023. In the cover letter, please refer the license number, docket number and Mail Control No. 634161. We will assume that you do not wish to further pursue this licensing action if we 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 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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