

From: Tran, Frank
To: fplastini@ionetix.com
Subject: Request for additional information for NRC License No. 04-35412-01
Date: Wednesday, May 26, 2021 3:13:00 PM

Dear Mr. Plastini:

We have reviewed your license amendment request dated April 29, 2021 for NRC License No. 04-35412-01 for Ionetix Corporation (Ionetix). We will need the following information.

Ionetix requests to add a new location of use located at 6424 Westland Way, Lansing, MI 48917. In accordance with Section 8.9 of NUREG-1556, Volume 21, Revision 1, please provide:

1. A description of the areas assigned for the production, transfer, storage, preparation, shipping, security, and measurement of radioactive materials.
2. A description and diagrams (with scale or dimensions) showing the locations of delivery lines, shielded areas and equipment (e.g., hot cells, waste), the proximity of radiation sources to unrestricted areas, and other items related to radiation safety.
3. A description and diagram of the ventilation system, including representative equipment such as hot cells, glove boxes, or fume hoods. Pertinent airflow rates, differential pressures, filtration equipment, and monitoring systems should be described in terms of the minimum performance to be achieved. Confirm that such systems will be employed for the use or storage of radioactive materials that have the probability of becoming airborne.
4. Verification that ventilation systems ensure that effluents are ALARA, are within the dose limits of 10 CFR 20.1301, and are within the ALARA constraints for air emissions under 10 CFR 20.1101(d).
5. Licensed material which will be possessed and used at this location.

To continue review of your application, we request that you submit your response with date and authorized signature to this correspondence within 30 calendar days from the date of this email. In your response, please refer the license number, docket number and Mail Control No. 625534. 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

Health Physicist/License Reviewer

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