



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

June 10, 2020

Tara J. Ganovsky
Radiation Safety Officer
Therametric Technologies, Inc.
9880 Douglas Floyd Pkwy.
Noblesville, IN 46060

Dear Ms. Ganovsky:

We have reviewed the licensee's application dated March 11, 2020, to renew its U.S. Nuclear Regulatory Commission (NRC) Material License No. 13-32788-01 for Therametric Technologies, Inc. Based on our review of the information and NRC guidance specific to your program, we have identified that additional information is needed to proceed with the renewal process. The NRC guidance, NUREG 1556, Volume 7, "Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope", Revision 1 is available at <https://www.nrc.gov/docs/ML1806/ML18065A006.pdf>.

Please provide the following information by July 20, 2020:

1. Please resubmit the NRC Form 313 renewal application with management signature.
2. Please verify the specific Authorized Use for each radioisotope.
3. Please provide a Delegation of Authority Letter signed by management and the Radiation Safety Officer. Appendix E of NUREG 1556, Volume 7, Revision 1 contains a sample Delegation of Authority letter.
4. Training for individuals working in frequently restricted areas - Section 8.8 of NUREG 1556, Volume 7, Revision 1:

Please submit 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 training.

5. Facility diagram - Section 8.9 of NUREG 1556, Volume 7, Revision 1:
 - a. Please illustrate the room/s where radioactive material will be used, as well as adjacent rooms/areas, and areas above and below;
 - b. Please provide the scale/dimensions of the room/s where radioactive material will be used and indicate the direction of north;
 - c. Please illustrate on the diagram the receipt area, work area, storage of radioactive material, sinks, fume hoods, and waste area;
 - d. Please describe and/or illustrate measures to secure radioactive material (e.g. locked doors, locked storage room, etc.);
 - e. Please describe measures to control exposure to radiation and contamination (e.g. describe shielding used or engineering/administrative controls, etc.).

6. Please provide the specific commitments or documents as described in NUREG 1556, Volume 7, Revision 1. Appendix B of NUREG 1556, Volume 7, Revision 1, provides a summary of commitments:
 - a) Please submit the commitment/s, "Radiation Monitoring Instruments", described in NUREG 1556, Volume 7, Revision 1, Section 8.10.2;
 - b) Please submit the commitment/s, "Instrument Calibration", described in NRC guidance, NUREG 1556, Volume 7, Revision 1, Section 8.10.2;
 - c) Please submit the commitment/s, "Material Receipt and Accountability", described in NRC guidance, NUREG 1556, Volume 7, Revision 1, Section 8.10.3;
 - d) Please submit the commitment/s, "Occupational Dose", described in NRC guidance, NUREG 1556, Volume 7, Revision 1, Section 8.10.4;
 - e) Please submit the commitment/s, "Safe Use of Radionuclides, Security, and Emergency Procedures", described in NRC guidance, NUREG 1556, Volume 7, Revision 1, Section 8.10.6;
 - f) Please submit the commitment/s, "Surveys and Leak Tests", described in NRC guidance, NUREG 1556, Volume 7, Revision 1, Section 8.10.7;
 - g) Please submit the commitment/s, "Waste Management", described in NRC guidance, NUREG 1556, Volume 7, Revision 1, Section 8.11.

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390, a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from ADAMS, accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

Magdalena R. Gryglak
Health Physicist
Materials Licensing Branch

License No. 13-32788-01
Docket No. 030-38263