



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 7, 2024

Mr. Richard Hutchings  
Radiation Safety Officer  
Met One Instruments, Inc.  
1600 Washington Blvd.  
Grants Pass, Oregon 97526

SUBJECT: MET ONE INSTRUMENTS, INC. REQUEST FOR ADDITIONAL INFORMATION CONCERNING AMENDMENT FOR EXEMPT DISTRIBUTION LICENSE NO. 36-23875-01E AND AMENDMENT FOR SEALED SOURCE AND DEVICE REGISTRATION CERTIFICATE NR-1124-D-101-E AND NR-1124-D-102-E APPLICATION DATED OCTOBER 19, 2023

Dear Mr. Hutchings:

This letter refers to your letter dated October 19, 2023, concerning your request to amend your Exempt Distribution Materials License and Sealed Source and Device Registration(s) NR-1124-D-101-E AND NR-1124-D-102-E. In reviewing your request, we find additional information is required to complete our review. In order to continue our review, we need clarification and additional information. In the enclosures to this letter, we have summarized the issues that need to be addressed.

We will continue our review upon receipt of this information. If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application. Any correspondence regarding your application should reference the mail control number specified below.

In accordance with Title 10 of the *Code of Federal Regulations* Section 2.390 of the U.S. Nuclear Regulatory Commission's (NRC's) "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. The ADAMS database is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>

If you have any questions regarding the Sealed Source and Device Registration you can contact Joey Rolland at (301) 415-4059 or by email at [Joseph.Rolland@nrc.gov](mailto:Joseph.Rolland@nrc.gov). For questions related

to the exempt distribution license, please contact me at (301) 415-3257 or email at [Michelle.Hammond@nrc.gov](mailto:Michelle.Hammond@nrc.gov).

Sincerely,

**MICHELLE  
HAMMOND**

Digitally signed by  
MICHELLE HAMMOND  
Date: 2024.03.07  
16:27:52 -06'00'

Michelle M. Hammond, M.Sc.  
Materials Safety and Licensing Branch  
Division of Materials Safety, Security, State,  
and Tribal Programs  
Office of Nuclear Materials Safety  
and Safeguards

License No. 36-23875-01E  
Docket No. 030-35578  
Mail Control No. 637643

Enclosure(s):  
Request for Additional Information

SUBJECT: MET ONE INSTRUMENTS, INC. REQUEST FOR ADDITIONAL INFORMATION CONCERNING RENEWAL FOR EXEMPT DISTRIBUTION LICENSE NO. 36-23875-01E AND AMENDMENT FOR SEALED SOURCE AND DEVICE REGISTRATION CERTIFICATE NR-1124-D-101-E AND NR-1124-D-102-E APPLICATION DATED OCTOBER 19, 2023

DATE: March 07, 2024

**ADAMS Accession Number: ML24066A192**

OFFICE	MSST/MSLB	MSST/MSLB	MSST/MSLB
NAME	MHammond	JGoodridge	JRolland
DATE	03/05/2024	03/07/2024	03/07/2024
OFFICE	MSST/MSLB	MSST/MSLB	
NAME	LSepulveda	MHammond	
DATE	03/07/2024	03/07/2024	

**OFFICIAL RECORD COPY**

**MET ONE INSTRUMENTS, INC.**  
**AMENDMENT APPLICATION DATED OCTOBER 19, 2023**  
**REQUEST FOR ADDITIONAL INFORMATION**  
**(Enclosure 1)**

The U.S. Nuclear Regulatory Commission staff has reviewed the Met One Instruments, Inc. amendment application dated October 19, 2023, and determined that additional information is needed. In order to continue with our review, please address the issues listed below. This information is required by Title 10 of the *Code of Federal Regulations* Section 32.30 and described in the relevant guidance document NUREG-1556, Volume 8, Revision 1, titled "Program-Specific Guidance About Exempt Distribution Licenses."

1. Provide a copy of your State of Oregon possession license listing BAM-1022-PLUS.
2. In your application, under 32.26(b)(8), you state that you expect "none" BAM-1022-PLUS detectors will be distributed annually. Please provide an estimate of how many BAM-1022-PLUS models will be distributed annually.
3. Please provide dose assessments of specific scenarios for normal conditions, including handling, use, storage, and disposal.

**MET ONE INSTRUMENTS, INC.**  
**REGISTRATION CERTIFICATE AMENDMENT LETTER DATED OCTOBER 19, 2023**  
**REQUEST FOR ADDITIONAL INFORMATION**  
**(Enclosure 2)**

The U.S. Nuclear Regulatory Commission staff has reviewed the Met One Instruments amendment application dated October 19, 2023, and determined that additional information is needed. In order to continue with our review, please address the issues listed below. This information is required by Title 10 of the *Code of Federal Regulations* Section 32.210 and described in the relevant guidance document NUREG-1556, Volume 3, Revision 2, titled “Applications for Sealed Source and Device Evaluation and Registration.”

Description/Construction

1. Please provide dimensioned engineering drawings (including tolerances and materials) for the model BAM 1022 PLUS.

Labeling

2. Please provide the location where the product labeling will be positioned, and how it will be attached to the device.

Conditions of Use

3. Please provide the intended use for the model BAM-1022-PLUS, as well as the conditions of use.

Radiation Profiles:

4. In your application dated, October 19, 2023, you provided external radiation measurement levels for the model BAM-1022-PLUS Prototype. The SEI Ranger Survey meter was last calibrated on January 18, 2023, while the measurements were taken on October 18, 2023. Please confirm that the readings provide are accurate.