



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713

June 15, 2021

James Quill, Principal
Megan, LLC
Dbas Fairfield Testing Laboratory
525 John Street, 2nd Floor
Bridgeport, CT, 06604

SUBJECT: MEGAN, LLC, REQUEST FOR ADDITIONAL INFORMATION, MAIL CONTROL
NO. 625514

Dear Mr. Quill:

This is in reference to your application dated April 12, 2021, requesting to renew NRC License No. 06-19279-01. In order to continue our review, we need the following additional information:

1. When submitting future license amendments, please have the document signed by a management representative rather than the Radiation Safety Officer. The NRC views a letter signed by a management representative as indication that management has reviewed the application and concurs in the statements and representations contained therein.
 - a. Please confirm that Mr. Kieley is authorized to make legally binding commitments on behalf of the licensee.
 - b. If Mr. Kieley is not authorized to make legally binding commitments on behalf of the organization, please ensure that a senior manager with such authorization signs any commitments on behalf of the organization, including reaffirming the commitments made in the renewal application dated April 12, 2021 and the response to this request for additional information.
2. Items 5 and 6, Materials to Be Possessed and Proposed Uses - With respect to the requested possession limits, please provide the following information:
 - a. The Sealed Source and Device Registry for the Troxler Electronic Laboratories Model 3400 Series states the maximum activity per Cs-137 source is 9 mCi (8mCi +/- 10%) and the maximum activity per Am-241 source is 44 mCi (40mCi +/- 10%). Please confirm if you wish to be authorized for a maximum activity per Cs-137 source of 9 mCi instead of the 8 mCi as listed in your application dated April 12, 2021 and a maximum activity per Am-241 source of 44 mCi instead of the 40 mCi as listed in your application dated April 12, 2021.
 - b. The Sealed Source and Device Registry for the Humboldt Scientific, Inc. Model 5001 states the maximum activity per Cs-137 source is 11 mCi (10mCi +/- 10%) and the maximum activity per Am-241 source is 44 mCi (40mCi +/- 10%). Please

confirm you wish to be authorized for a maximum activity per Cs-137 source of 11 mCi instead of the 10 mCi as listed in your application dated April 12, 2021 and a maximum activity per Am-241 source of 44 mCi instead of the 40 mCi as listed in your application dated April 12, 2021.

- c. Your current license authorizes you for possession and utilization of Troxler 4640 series or InstroTek, Inc. Model 3500. Your renewal application did not request to retain authorization for these devices.
 - i. Please confirm that you would like to remove these devices from your license.
 - ii. If you do wish to remove these devices from your license please submit appropriate disposal/transfer records, including valid leak tests prior to disposal/transfer.
- d. Your application requested authorization for a total activity of 86 mCi for Cs-137 and a total activity of 420 mCi for Am-241. Your current license authorizes a maximum amount of possession of 110 mCi for Cs-137 and a maximum amount of possession of 550 mCi for Am-241. Please indicate if you would like to keep your current possession limits or adjust your possession limits based on your responses to items 1.a and 1.b above (e.g. total activity of 89 mCi for Cs-137 and 432 mCi for Am-241).

We will continue our review upon receipt of this information. Please reply to my attention at:

Briana.DeBoer@nrc.gov
Mail Control No. 625514

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

An electronic version of the NRC's regulations is available on the NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at: <http://www.nrc.gov/reading-rm/adams.html>. Please be aware that you may request that certain portions of your submittal to NRC be withheld from public disclosure as proprietary information. To do this, you must execute an affidavit as specified in 10 CFR 2.390. You must list all portions that you wish to be held proprietary, along with your reasoning as to why that is appropriate. While it is allowable, please refrain from submitting proprietary information in support of a license unless necessary. Keep in mind that all NRC licenses are considered to be in the public domain, and therefore may be viewed by any member of the public who requests to see them.

If you have any questions regarding this request for additional information, please contact me at (610) 337-5370 or via electronic mail at Briana.DeBoer@nrc.gov.

Thank you for your cooperation.

Sincerely,

Briana DeBoer, Health Physicist
Decommissioning, ISFSI, and Reactor HP
Branch
Division of Radiological Safety and Security
Region I

License No. 06-19279-01
Docket No. 030-17254
Mail Control No. 625514

cc: Dennis Kieley, Radiation Safety Officer

MEGAN, LLC, REQUEST FOR ADDITIONAL INFORMATION, MAIL CONTROL NO. 625514
DATED JUNE 15, 2021

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SUNSI Review Complete: B. DeBoer

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NAME	B. DeBoer						
DATE	6/15/2021						

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