



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

August 31, 2021

Jamie Bumgarner, Vice President  
Mead and Hunt, Inc.  
400 Tracy Way, Suite 200  
Charleston, WV 25311

SUBJECT: MEAD AND HUNT, INC., REQUEST FOR ADDITIONAL INFORMATION, MAIL  
CONTROL NO. 627166

Dear Mr. Bumgarner:

This is in reference to your application dated June 17, 2021, requesting a new NRC license and additional information submitted on August 2, 2021. The proposed license has been assigned NRC License Number 47-35646-01. In order to continue our review, we need the following additional information. Please be aware that all "Item", "Section", and "Appendix" references below are referring to NUREG 1556, Volume 1, Revision 2, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Portable Gauge Licenses". This document may be found at <https://www.nrc.gov/docs/ML1617/ML16175A375.pdf>.

1. Item 10.6, Operating, Emergency, and Security Procedures – Your application stated that you would develop, implement, and maintain procedures other than the model procedures found in Appendix G, however you did not submit these procedures. Additionally, your August 2, 2021, letter stated "We will ensure that all gauge users must implement and maintain operating and emergency procedures"; however, the operating and emergency procedures were not submitted.

You may revise your commitment to implement the **model procedures** provided by the NRC in the NUREG guidance document by stating the following:

"We will implement and maintain the operating, emergency, and security procedures in Appendix G to NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance About Materials Licenses: Program- Specific Guidance About Portable Gauge Licenses." Copies of these procedures will be provided to all gauge users and will be available at each jobsite."

If you choose **not** to implement the model procedures described above, please submit the alternative procedures for review against the criteria contained in Section 8.10.6 of NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance About Materials Licenses: Program- Specific Guidance About Portable Gauge Licenses."

2. Item 10.8, Maintenance – Your August 2, 2021, submittal indicated that your organization would return the gauges to the manufacturer for all non-routine maintenance or repair operations that require removal of the source or source rod from the gauge. This is acceptable; however, you would be limited to solely returning the gauge to the manufacturer as opposed to other entities licensed to perform such work.

If desired, you may request to broaden the potential options for servicing and repairs to include other entities authorized to perform such work by stating the following:

“The gauge manufacturer or other person licensed by the NRC or an Agreement State will perform nonroutine maintenance or repair operations that require detaching the source or source rod from the gauge.”

We will continue our review upon receipt of this information. Please reply to my attention at [Jonathan.Pfingsten@nrc.gov](mailto:Jonathan.Pfingsten@nrc.gov).

In order to continue prompt review of your application, we request that you submit your response to this letter within 10 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](http://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 610-337-5170 or via electronic mail at [Jonathan.Pfingsten@nrc.gov](mailto:Jonathan.Pfingsten@nrc.gov).

Thank you for your cooperation.

Sincerely,

Jonathan Pfingsten, Health Physicist  
Commercial, Industrial, R&D  
and Academic Branch  
Division of Radiological Safety and Security  
Region I

License No. 47-35646-01  
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MEAD AND HUNT, INC., REQUEST FOR ADDITIONAL INFORMATION, MAIL CONTROL NO.  
627166 DATED AUGUST 31, 2021

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SUNSI Review Complete: Jonathan Pfingsten

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