



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

August 2, 2021

Robert Parsons II, Construction Inspection  
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. Parsons:

This is in reference to your application dated June 17, 2021, requesting a new NRC license. 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".

1. 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. As such, please provide the following:
  - a. Please confirm that you, Mr. Robert Parsons, II, are authorized to make legally binding commitments on behalf of the proposed licensee's organization; OR,
  - b. If you are authorized to make legally binding commitments on behalf of the proposed licensee's organization, please provide either of the following
    - i. Provide a signed letter from an individual with such authorization confirming that he/she endorses the requests and statements submitted by Mr. Robert Parsons, II on behalf of your organization in the new license request dated June 17, 2021; OR
    - ii. Provide a signed letter from an individual with such authorizations confirming that he/she does not endorse the requests and statements submitted by Mr. Robert Parsons, II, on behalf of your organization in the new license request dated June 17, 2021 and request to withdraw the requests and statements.
  - c. Please ensure that all future requests are signed by an individual authorized to make legally binding commitments on behalf of the proposed licensee's organization, including the response to this request for additional information.
2. Item 7 – Individual(s) Responsible For Radiation Safety Program and Their Training and Experience – Radiation Safety Officer – Your application contained the name and radiation safety officer (RSO) training certificate for your proposed RSO. However, your application did not contain evidence of practical, hands on training and experience utilizing the requested gauge models by your proposed RSO. Please submit a certificate of completion of an authorized user's course and/or an attestation from management

confirming the proposed radiation safety officer's training and experience in the use of the gauge model requested .

3. Items 9, Facilities and Equipment, and 10.5, Public Dose – Awareness Only, No Response Required - There always is a radiation field around the gauge; therefore, it must be stored so that the radiation level in an unrestricted area (e.g., an office, the exterior surface of an outside wall, or occupied areas of a personal residence) does not result in a dose that exceeds 1 mSv [100 mrem] in a year or 0.02 mSv [2 mrem] in any one hour. This will be verified during NRC inspections.
4. 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. Please submit the procedures for review against the criteria contained in Section 8.10.6; alternatively, you may
5. Item 10.7, Leak Test – Your application stated that Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the SSD registration certificate. Leak tests will be performed by an organization licensed by the NRC or an Agreement State to provide leak testing services to other licensees; or by using a leak test sample collection kit supplied by an organization licensed by the NRC or an Agreement State to provide leak test kits and/or sample analysis services to other licensees and according to the kit supplier's instructions.

However, your application also stated that you would be utilizing alternative equipment and/or procedures. This is reserved for licensees seeking to implement their own leak testing program, including requests for both collection and analysis. No alternative procedures were attached to the application. For context, the South Carolina Radioactive Material License you provided indicates that you are only authorized for collection, not analysis, of leak test samples.

Please provide the following:

- a. Confirm that you seek authorization for collection of leak test samples; OR
  - b. Confirm that you seek authorization for analysis of leak test samples and provide the additional information requested in accordance with Appendix I.
6. Item 10.8, Maintenance – Your application did not contain a commitment or request concerning nonroutine maintenance. Please provide the following:
    - a. If you **do not** seek to perform your own nonroutine maintenance, state: “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.
    - b. If you **do** seek to conduct nonroutine maintenance, please provide the information listed in Appendix F to the NUREG supporting your request.

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 20 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  
Docket No. 03039279  
Mail Control No. 627166

MEAD AND HUNT, INC., REQUEST FOR ADDITIONAL INFORMATION, MAIL CONTROL NO. 627166 DATED AUGUST 2, 2021

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SUNSI Review Complete: Jonathan Pfingsten

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