


# MICHIGAN STATE UNIVERSITY

## MEMORANDUM

TO: Radioactive Materials Principal Investigators and Users  
FROM: Douglas A. Gage, Ph.D., Vice President for Research and Innovation   
SUBJECT: Delegation of Authority for FRIB Radiation Safety Committee Chair  
DATE: December 6, 2024

Dr. Sean N. Liddick has been appointed chair of the Radiation Safety Committee (RSC) for the Facility for Rare Isotope Beams (FRIB), which operates under a Broad Scope License of Type A issued by the U.S. Nuclear Regulatory Commission (NRC) to Michigan State University.

The NRC describes the Type A License in 10 CFR 33.11(a)<sup>1</sup>. The NRC describes the roles and duties of *Executive Management*, the *Radiation Safety Committee* and its *Chair*, and the *Radiation Safety Officer* (RSO) in sections 8.7.1 through 8.7.3 of NUREG-1556 Vol. 11<sup>2</sup>.

The Radiation Safety Committee along with the FRIB Radiation Safety Officer and Executive Management are responsible for ensuring the safe use of licensed or permitted radioactive materials for the FRIB NRC Broad Scope license. These responsibilities include managing the radiation safety program; promoting a culture of safety; identifying radiation safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations for the use of licensed or permitted radioactive material.

The FRIB Radiation Safety Committee Chair is hereby delegated the authority necessary to meet these responsibilities. The FRIB Radiation Safety Committee Chair has the authority to immediately stop any operations involving the use of licensed or permitted radioactive material in which health and safety may be compromised or may result in non-compliance with the U.S. Nuclear Regulatory Commission Requirements.

I accept the appointment as Chair of the FRIB Radiation Safety Committee and understand the associated duties.

Sean Liddick

Digitally signed by Sean Liddick  
Date: 2024.12.19 15:32:16 -05'00'



Dr. Sean N. Liddick, Associate Professor

<sup>1</sup> <https://www.nrc.gov/reading-rm/doc-collections/cfr/part033/part033-0011.html>

<sup>2</sup> <https://www.nrc.gov/docs/ML0103/ML010370193.pdf>



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[gage@msu.edu](mailto:gage@msu.edu)

**From:** [Grivins, Petra](#)  
**To:** [Laura Cender](#)  
**Subject:** [External\_Sender] RE: Re: Pending NRC License Amendment Request - Additional Information Required  
**Date:** Wednesday, March 5, 2025 9:02:43 AM  
**Attachments:** Liddick Signed.pdf

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Hi again, Laura –

See attached. I had Sean sign it with pen also, just in case.

Petra

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**From:** Laura Cender <[Laura.Cender@nrc.gov](mailto:Laura.Cender@nrc.gov)>  
**Sent:** Wednesday, March 5, 2025 09:27  
**To:** Grivins, Petra <[grivins@frib.msu.edu](mailto:grivins@frib.msu.edu)>  
**Subject:** RE: Re: Pending NRC License Amendment Request - Additional Information Required

**[EXTERNAL] This email originated from outside of FRIB**

Hello Petra,

Thank you for your prompt response. I'm not seeing the electronic signature on my end – I am guessing that either Adobe or our document processing system stripped it out on our end possibly due to a certificate compatibility issue. If you “microsoft print to pdf” your original version and send the printed copy to me that should work as it sends the signature as an image.

Thank you,  
Laura

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**From:** Grivins, Petra <[grivins@frib.msu.edu](mailto:grivins@frib.msu.edu)>  
**Sent:** Wednesday, March 5, 2025 8:15 AM  
**To:** Laura Cender <[Laura.Cender@nrc.gov](mailto:Laura.Cender@nrc.gov)>  
**Subject:** [External\_Sender] Re: Pending NRC License Amendment Request - Additional Information Required

Hi Laura! At the bottom of the delegation of authority memo, Dr. Liddick signed electronically. Do you need a wet ink signature?

Petra

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**From:** Laura Cender <[Laura.Cender@nrc.gov](mailto:Laura.Cender@nrc.gov)>  
**Sent:** Wednesday, March 5, 2025 9:08:27 AM

**To:** [grivins@frib.msu.edu](mailto:grivins@frib.msu.edu) <[grivins@frib.msu.edu](mailto:grivins@frib.msu.edu)>

**Subject:** Pending NRC License Amendment Request - Additional Information Required

**[EXTERNAL] This email originated from outside of FRIB**

Hello Petra,

I am currently processing your NRC license amendment request to name Dr. Sean Liddick as the chair of the Radiation Safety Committee. The memorandum appointing Dr. Liddick to the role and where he accepts his appointment does not appear to have been signed by Dr. Liddick. Could you please provide me with a signed version of this memo?

Thank you,

Laura

Laura Cender

Pronouns: She/Her

U.S. Nuclear Regulatory Commission

Materials Licensing Branch

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