

April 15, 2022

Mr. Bryan A. Parker  
Senior Health Physicist  
U.S. NRC Region III  
2443 Warrenville Rd., Suite 210  
Lisle, IL 60532-4352

Re: ADDITIONAL INFORMATION FOR CN629971

Mr. Parker;

This letter is in response to your request for additional information to approve Dr. Yvonne Fondufe-Mittendorf as an Authorized User on the Materials License, 21-32841-01, for Van Andel Research Institute located in Grand Rapids, Michigan. Specifically, you asked:

1. What timeframe was the radiation safety training received at University of Kentucky?

Dr. Fondufe-Mittendorf received Radiation Training for using alpha P32 dATP and gamma P32 dATP in 2006 when she began her work at Northwestern University and again in 2011 at the University of Kentucky. She also completed radiation training for using radioisotopes at Van Andel Research Institute in December 2021.

2. What specific isotopes does she have experience with and in what quantities, generally?

The research conducted by Dr. Fondufe-Mittendorf has included primarily two forms of P32. Typical experiments would involve activities up to 5 mCi.

Please let me know if there is additional information needed to approve Dr. Fondufe-Mittendorf as an Authorized User.

Thank you.



**David Lutkenhoff, MS, CIH | EHS Manager**

333 Bostwick Ave., N.E., Grand Rapids, Michigan 49503

Phone: 616-234-5766 | Fax: 616-233-5311 | Email: [David.lutkenhoff@vai.org](mailto:David.lutkenhoff@vai.org)



## Pavon, Martha

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**From:** Lutkenhoff, David <David.Lutkenhoff@vai.org>  
**Sent:** Friday, April 15, 2022 8:29 AM  
**To:** Parker, Bryan  
**Subject:** [External\_Sender] RE: Need additional information  
**Attachments:** YFM add info 2022\_0415.pdf

Good morning, Bryan.

Please see attached for answers to your questions. If there is additional information needed, please don't hesitate to ask.

Regards,  
Dave

**David Lutkenhoff, CIH, MS | Radiation Safety Officer**  
333 Bostwick Ave., N.E., Grand Rapids, Michigan 49503  
Phone: 616-234-5766 | Fax: 616-233-5311 | Email: [David.lutkenhoff@vai.org](mailto:David.lutkenhoff@vai.org)  
Visit [www.vai.org](http://www.vai.org)



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**From:** Parker, Bryan <Bryan.Parker@nrc.gov>  
**Sent:** Friday, April 1, 2022 3:19 PM  
**To:** Lutkenhoff, David <David.Lutkenhoff@vai.org>  
**Subject:** [External] Need additional information

Mr. Lutkenhoff,

I have reviewed your request dated 11/12/21 to add Yvonne Fondufe-Mittendorf, PhD as an Authorized User of P-32 on your NRC license, and I need additional information to complete your request.

Please provide more information related to Dr. Fondufe-Mittendorf's training and experience with radioactive materials. In Item No. 15 of your request, it indicates that she has radiation safety training from University of Kentucky and 11 years of experience. Please expand on this.

Specifically:

- 1) What timeframe was the radiation safety training received at University of Kentucky?; and
- 2) What specific isotopes does she have experience with and in what quantities, generally?

You may respond by attaching a **SIGNED** letter in PDF format to an email back to me. Please mark it as **"ADDITIONAL INFORMATION FOR CN629971"**. Please provide your response as soon as practicable.

If you have an questions, please let me know.

Thank you.

*Bryan*

**Bryan A. Parker**

Senior Health Physicist

USNRC Region III

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## Pavon, Martha

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**From:** Parker, Bryan  
**Sent:** Friday, April 15, 2022 2:48 PM  
**To:** Pavon, Sandy; Pavon, Martha  
**Cc:** Tomczak, Tammy  
**Subject:** Please add AI to CN629971  
**Attachments:** 629971 AI 665.pdf; [External\_Sender] RE: Need additional information

Hey Sandy & Martha,

Please add the attached Additional Info to CN629971. A 665 is also attached.

Thanks.

*Bryan*