

FERRIS STATE UNIVERSITY

COLLEGE OF HEALTH PROFESSIONS

July 8, 2025

Nuclear Regulatory Commission Region III
Material Licensing Branch
2056 Westings Ave, Suite 400
Naperville, IL 60563-2657

To Whom It May Concern,

Ferris State University requests an amendment to our NRC license, 21-15237-01, Item 10, regarding the location where radioactive materials may be used or stored.

Ferris would like to remove location B, "Ferris State University, 200 Ferris Dr., Big Rapids, Michigan, 49307" from the license. Ferris no longer intends to use radioactive sources at this address including rooms VFS 100A, VFS 100 and VFS 101/102 due to the fact that the Nuclear Medicine Technology Program has not been offered at this campus since 2019.

Radioactive materials have been used at this address for many years to support student education in the Nuclear Medicine Technology Program at Ferris. The program has used rooms 100, 101/102, and 100A in the past. Radioactive materials have not been used in rooms 100 and 101/102 since 2019 when the program closed at this location.

Room 100A has always been used as the Nuclear Medicine Technology Program's "hot lab". No moderate or longer-lived unsealed sources were used in this area. Unsealed sources used in this space were limited to Mo-Tc generators and doses of Tc-99m. The last Mo-Tc generator was used and returned to Cardinal Health Radiopharmacy in 2015. Doses of Tc-99m were also ordered from Cardinal and used in this space. The last Tc-99m dose used in this space was in 2018.

Sealed sources were also used in this space to support education and as quality control sources for detection instruments. Sealed sources that were used in this space were below exempt levels. Currently there are 3 sources in this space, 2 Cs-137 rod sources and 1 Eu-152 rod source, all three of which are below exempt levels and are used for well counter quality control. In spring of 2022 the university disposed of 23 sealed sources using a licensed contractor. Leak tests were not performed as they were all under exempt levels. Attached is the list of disposed sources and their activities.

FERRIS STATE UNIVERSITY

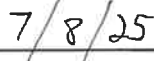
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Please let me know if anything else is required. Thank you!

Tim Vander Laan, RSO, MPA, CNMT
Ferris State University
200 Ferris Drive
Big Rapids, MI 49307
616-643-5751
timothyvanderlaan@ferris.edu



Signature



Date

Attachments:

- 2022 Source Disposal List

	Radionuclide	Approximate Activity (uCi)	Solid/Liquid
1	Cs-137	0.661	S
2	Eu-152	0.147	S
3	Cs-137	0.319	S
4	Eu-152	0.162	S
5	Cs-137	0.333	S
6	Eu-152	0.205	S
7	Eu-152	0.205	S
8	Eu-152	0.205	S
9	Cs-137	0.08	S
10	Cs-137	0.08	S
11	Na-22	0.0077	S
12	Mn-54	0.000003	S
13	Co-57	0.000007	S
14	Co-60	0.029	S
15	Cd-109	0.4	S
16	Ba-133	0.037	S
17	Cs-137	0.517	S
18	Cs-137	0.429	S
19	Cs-137	0.266	S
20	Eu-152	0.115	S
21	Sr-90	0.08	S
22	Co-60	0.065	S
23	Cs-137/Ba-133	0.14/0.24	S

Martha Pavon

From: Laura Cender
Sent: Wednesday, July 9, 2025 8:09 AM
To: Tammy Tomczak; Martha Pavon
Cc: Sandy Pavon
Subject: FW: RE: *EXT* RE: Decommissioning Hotlab
Attachments: 2025 VFS Location Removal Request.pdf

Hello Tammy and Martha,

Please see the attached incoming license amendment request for Ferris State University.

Licensee: Ferris State University
License No. 21-15237-01
Docket No. 030-08783

Please let me know if you have any questions.

Thank you,
Laura





From: Timothy B Vander Laan <TimothyVanderLaan@ferris.edu>
Sent: Tuesday, July 8, 2025 4:08 PM
To: Laura Cender <Laura.Cender@nrc.gov>
Subject: [External_Sender] RE: *EXT* RE: Decommissioning Hotlab

Hi Laura,

I have attached the official request to remove a location from our license. Please let me know if any other information or clarification is required.

Thank you!

Tim Vander Laan, MPA, CNMT
Program Coordinator
Nuclear Medicine Technology Program
FERRIS STATE UNIVERSITY





 (616) 643-5751
 151 Fountain St. NE, Grand Rapids MI
 Ferris.edu/Statewide
 Schedule an appointment with me at [Calendly.com/TimVanderLaan](https://calendly.com/TimVanderLaan)

From: Timothy B Vander Laan
Sent: Tuesday, June 3, 2025 8:50 AM
To: Laura Cender <Laura.Cender@nrc.gov>
Subject: RE: *EXT* RE: Decommissioning Hotlab

Hi Laura,

Thank you for all the information. I will start working on the requirements and will let you know if any additional questions come up.

Tim Vander Laan, MPA, CNMT
Program Coordinator
Nuclear Medicine Technology Program
FERRIS STATE UNIVERSITY

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From: Laura Cender <Laura.Cender@nrc.gov>
Sent: Monday, June 2, 2025 9:20 AM
To: Timothy B Vander Laan <TimothyVanderLaan@ferris.edu>
Subject: *EXT* RE: Decommissioning Hotlab

****External Email****

Hi Tim,

Thanks for reaching out. I reviewed some of the past licensing documents and it looks like for the 200 Ferris Dr., Big Rapids, MI facility that we have spaces designated for licensed activities in VFS 100A, VFS 100, and VFS 101/102. Please make sure that it is clear in your letter which spaces should be removed from the license.

For decommissioning a facility, we request that a historical overview of the materials that were stored there be provided, along with the timeline for when materials were last in use and when they were either transferred or disposed of.

- For specifically licensed sealed sources that were previously stored or used in the area please provide a copy of the final leak test record and a record showing that they were transferred to another licensed entity. If sealed sources formerly used at the location were transferred to another location on the license please provide a statement confirming such.
- For unsealed material and generators please provide a record showing that material was disposed of through either decay-in-storage or by transfer such as by returning the material to either the manufacturer or a nuclear pharmacy. If moderate or longer-lived materials were used in the area please also provide a final status survey with your response; this is not necessary though if the only licensed material used at the facility had a very short half-life such as Mo-99 or Tc-99m.

Please let me know if you have any additional questions.





Thank you,
Laura

From: Timothy B Vander Laan <TimothyVanderLaan@ferris.edu>
Sent: Wednesday, May 28, 2025 3:56 PM
To: Laura Cender <Laura.Cender@nrc.gov>
Subject: [External_Sender] Decommissioning Hotlab

Hi Laura,

I am hoping to officially decommission our old nuclear medicine hotlab that is on our license but hasn't been used since our nuclear medicine program is now only offered at our Grand Rapids location. The address is 200 Ferris Dr., Big Rapids, Michigan, 49307 and the room number is VFS 100A. The room currently has no sources above exempt levels but was previously used to store Mo-99/Tc-99m generators and Tc-99m liquid sources years ago. I'm wondering if you can share or point me towards any regulations or guidance documents to help me decommission that room so we can remove it from our license. I appreciate any help you can provide.

Tim Vander Laan, MPA, CNMT
Program Coordinator
Nuclear Medicine Technology Program
FERRIS STATE UNIVERSITY

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