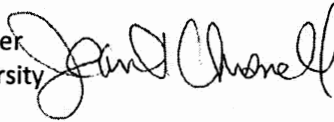


MICHIGAN STATE UNIVERSITY

February 9, 2015

To: Cassandra F. Frazier
Materials Licensing Branch
U.S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

From: Jean A. Chisnell
Radiation Safety Officer
Michigan State University



Re: License No. 21-00021-29
Request for Amendments

I am requesting the following amendments to License No. 21-00021-29 to change the following items:

1. **Change 6F under chemical form to read "thorium nitrate or sealed source"**. This would allow us to purchase a Thourium-228 sealed source that would normally be allowed under a general license but the company will sell only if allowed under the NRC license.
- 1a. alternatively, change 6F to read **"Any byproduct or source material with Atomic Nos. between 84-108, inclusive."**
2. Section 7.1 of the license application: change to **"the Michigan State University Institutional Official meets at least once each year with the AVPRA, Director of EHS, Chair of the RSC, and the RSO to ensure direct lines of communication among all individuals"** rather than meets quarterly. The Institutional Official is available to meet more frequently if needed, such as during an emergency. The AVPRA, Director of EHS, the Chair of the RSC, and the RSO meet quarterly at the RSC meetings and more frequently as needed.
3. **Change 12A: change the chair of the Radiation Safety Committee to Dr. David Morrissey.** This amendment was submitted July 31, 2013, but was not completed at that time.



**Vice President
for Research
and Graduate
Studies**

Office of
Environmental
Health & Safety

Engineering Research
Complex
1449 Engineering
Research Court, C-125
East Lansing, MI 48824

517-355-0153
Fax: 517-353-4871
ehs.msu.edu

Please contact Jean Chisnell, Radiation Safety Officer, at 517-355-6734 if you need additional information.

Thank you.

Frazier, Cassandra

From: Chisnell, Jean <jchisnel@ehs.msu.edu>
Sent: Monday, February 09, 2015 3:44 PM
To: Frazier, Cassandra
Subject: Request for amendments License No. 21-00021-29
Attachments: license amendment 2-2015.pdf

Dear Sandy,

I am attaching a request for 3 amendments to Michigan State University, License No. 21-00021-29, that include:

1. 6F. chemical form to be thorium nitrate or sealed source
2. License application 7.1 that the Institutional Official meets at least once each year with the AVPRA, the Director of EHS, the Chair of the RSC, and the RSO, rather than once each quarter
3. 12A. change the chair of the Radiation Safety Committee to Dr. David Morrissey

If you have any questions please contact me.

Thank you,

Jean

Jean Chisnell
Radiation Safety Officer
Environmental Health & Safety
Michigan State University

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