CMU
CENTRAL MICHIGAN UNIVERSITY

August 12, 2009

United States Nuclear Regulatory Commission,
Region III
ATTN: Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

To Whom It May Concern:

This letter represents an amendment to NRC License #21-01432-02 for Central Michigan University. This amendment requests:

1. To add the following items:
   a. Sodium-22, chemical and/or physical form- sealed source, maximum amount- 20 microcuries
   b. Radium-226, chemical and/or physical form- sealed source, maximum amount- 5 microcuries
   c. Cadmium-109, chemical and/or physical form- sealed source, maximum amount- 20 microcuries
   d. Cobalt-57, chemical and/or physical form- sealed source, maximum amount- 20 microcuries
   e. Cerium-139, chemical and/or physical form- sealed source, maximum amount- 20 microcuries
2. To update the mailing address of the Licensee as follows:

Central Michigan University
Risk Management, Environmental, Health, and Safety
Smith 103
Mount Pleasant, MI 48859

Explanation for #1: This action is to comply with the NRC requirements for expanded definition of byproduct material. In particular, CMU is requesting the addition of isotopes previously regulated by the State of Michigan to our NRC license. Currently, the Physics Department is the only user of these isotopes. They purchase small (~1 μCi) sealed sources for calibration. Attachment A lists our current inventory of Michigan regulated radioactive materials.

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Explanation for #2: Central Michigan University reorganized its environmental health and safety functions, effective July 1, 2009. The Radiation Safety Officer, Jennifer Walton, now reports to the Director of Risk Management, Environmental, Health, and Safety, rather than the Associate Dean of the College of Science and Technology. Jennifer will be moving from the IT Building location to Smith Hall. The Radiation Safety Officer and phone number remain the same.

We hope this information is sufficient to allow for an amendment to our license. If any additional information or a clarification is necessary, please contact Jennifer Walton at (989) 774-4189.

Sincerely,

Jan Trionfi
Director, Risk Management, Environmental, Health, and Safety

Jennifer Walton, Ph.D., CIH
Radiation Safety Officer/Manager of Risk Management, Environmental, Health and Lab Safety

ATTACHMENT A

Michigan Regulated Radioactive Material

Central Michigan University

8/12/2009

Radionuclide	Sealed or Unsealed	Original Activity (uCi)	Date of Measurement	Current Activity (uCi)	Inventory #
Na-22	Sealed	1.111	1/15/2000	0.1055	230
Ra-226	Sealed	2.994	12/1/2000	2.9835	232
Na-22	Sealed	1	9/15/2003	0.2275	790
Cd-109	Sealed	1.047	2/15/2005	0.1088	795
Co-57	Sealed	1.004	2/15/2005	0.0213	797
Co-57	Sealed	1.88	2/15/2007	0.2218	810
Cd-109	Sealed	0.303	9/1/2007	0.1135	811
Co-57	Sealed	0.01501	9/1/2007	0.0028	811
Ce-139	Sealed	0.02156	9/1/2007	0.0008	811
Na-22	Sealed	0.9091	1/1/2008	0.6119	816

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Office of the Dean
College of Science and Technology
Mount Pleasant, MI 48859

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