



DANIELLE SHEEN, EXECUTIVE DIRECTOR

September 6, 2019

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

RE: Amendment to Byproduct Materials License No. 21-00215-04

Materials Licensing:

The University of Michigan (U-M) is requesting an amendment to Materials License No. 21-00215-04 (Broad Scope License) to allow for the possession of depleted uranium (DU) for use in the shielding of Mo-99/Tc-99m generators for medical use.

Per HPPOS-191 (<https://www.nrc.gov/about-nrc/radiation/protects-you/hppos/hppos191.html>; updated October 17, 2017; accessed September 5, 2019), U-M is requesting addition of the following license condition:

"Pursuant to Title 10, Chapter 1, Code of Federal Regulations, Part 40, 'Domestic Licensing of Source Material,' the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of depleted uranium contained as shielding material in the molybdenum-99 / technetium-99m generators authorized by this license."

The purpose of this amendment request is to possess, use, and transfer Mo-99/Tc-99m generators for medical use, from an alternate vendor, to ensure a reliable supply of Tc-99m for medical use.

Thank you for your time, effort, and consideration in this amendment request. Please do not hesitate to contact me [(734) 764-6200 / drisc@umich.edu] should you have any questions or comments regarding this request.

Sincerely,

Mark L. Driscoll
Director / Radiation Safety Officer
Radiation Safety Service / EHS

MLD/kwf
NRCLicenseAmendmentDU

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cc: Danielle Sheen, CIH, Executive Director, Environment, Health & Safety
Ruthann Nichols, Ph.D., Chair, Radiation Policy Committee
Materials License (Broad Scope) No. 21-00215-04 Files

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Lisle, Illinois 60532-4352

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