



Radiation Center

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April 23, 2015

U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Policy and Rulemaking
ATTN: Michael Balazik
Mailstop: OWFN-12D20
Washington, DC 20555-0001

Reference: Oregon State University TRIGA Reactor (OSTR)
Docket No. 50-243, License No. R-106

Subject: License amendment application for the purpose of demonstrating ^{99}Mo production capability in the OSTR

Mr. Balazik:

The purpose of this letter is to inform the Commission that it is the intent of OSU to submit a license amendment application in the second quarter of 2017 for the purpose of irradiating targets in the OSTR to support the production of ^{99}Mo in a small reactor. This will build on the currently pending license amendment submitted in April of 2012 for demonstration of these same targets. We believe that these targets are capable of safely producing commercially viable quantities of ^{99}Mo . As you are aware, there is no current domestic supply of ^{99}Mo . Oregon State University is working collaboratively with Northwest Medical Isotopes, a limited liability company also located here in Corvallis, Oregon, to solve this pressing national need.

If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Reese".

Steve Reese
Director

cc: Document Control, USNRC
Craig Bassett, USNRC
Dr. Ron Adams, OSU
Dr. Rich Holdren, OSU
Dr. Andy Klein, OSU
Carolyn Haass, NWMI

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