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Mary Muessle  
Deputy Director, Policy and Rulemaking  
US Nuclear Regulatory Commission  
MS 0012D20  
Washington, DC 20555

Subject: Notice of Intent to Submit Applications to License, Construct, and Operate a <sup>99</sup>Mo Radioisotope Production Facility

March 27, 2013

Dear Ms Muessle:

It was a pleasure to meet you in November during your visit to the Oregon State University Radiation Center.

This letter serves as notification of Northwest Medical Isotopes, LLC ("NWMI") intent to submit an application to the U.S. Nuclear Regulatory Commission (NRC) to license and operate a molybdenum-99 (<sup>99</sup>Mo) radioisotope production facility. NWMI's intends to utilize the Oregon State University TRIGA® Reactor as the source of irradiated material.

NWMI has identified a number of regulatory and licensing items and would appreciate further discussion with the NRC staff over the next 4-6 weeks to ensure that understanding is gained relative to the licensing path for our technology and facility operations. To facilitate the discussion with the NRC Staff, we are requesting a meeting to discuss the areas of interest including:

- Introduce NWMI including organization and technical approach
- Applicability of 10 CFR 50 – Regulatory Framework and Approach
- Applicability of 10 CFR 51 – National Environmental Policy Act
- Handling and protections of NWMI Proprietary Information

NWMI anticipates submitting an application as described in NUREG-1537 in Q1 2014. This notice is provided to facilitate your resource and budget planning.

Thank you for your attention to this Letter of Intent. If appropriate, NWMI would appreciate the appointment of a project manager. If you have any questions, please contact me on 541-223-3112 (nicholas.fowler@nwmedicalisotopes.com) or Carolyn Haass (carolyn.haass@nwmedicalisotopes.com) on 509-430-6921.

Sincerely,

Nicholas F. Fowler  
Northwest Medical Isotopes, LLC  
Chief Executive Officer

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