

June 1, 2015

Carolyn C. Haass  
Vice President  
Northwest Medical Isotopes, LLC  
8815 Northwest 9th Street, Suite 256  
Corvallis, OR 97330

SUBJECT: NORTHWEST MEDICAL ISOTOPE, LLC – ACCEPTANCE FOR DOCKETING  
OF PART ONE OF THE APPLICATION FOR CONSTRUCTION PERMIT (TAC  
NO. MF6135)

Dear Ms. Haass:

On November 7, 2014, Northwest Medical Isotopes, LLC (NWMI) filed with the U.S. Nuclear Regulatory Commission (NRC) pursuant to Section 103 of the Atomic Energy Act, and Part 50 of Title 10 of the *Code of Federal Regulations* (10 CFR), a portion of an application for a construction permit for a medical radioisotope production facility in Columbia, Missouri. By letter dated February 5, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15086A262, Package No. ML15086A261), NWMI withdrew and resubmitted this portion of its construction permit application to include a discussion of connected actions in its environmental report in response to a January 23, 2015, letter from the NRC (ADAMS Accession No. ML14349A501).

The NRC staff acknowledged receipt of part one of NWMI's two-part application for a construction permit under 10 CFR Part 50 in the *Federal Register* (80 FR 22227) on April 21, 2015. In response to a letter from NWMI dated August 9, 2013 (ADAMS Accession No. ML13227A295), an exemption from certain requirements of 10 CFR 2.101(a)(5) was granted by the NRC on October 7, 2013 (ADAMS Accession No. ML13238A333). The exemption allowed NWMI to submit its construction permit application in two parts. Specifically, the exemption allowed NWMI to submit a portion of its application for a construction permit up to six months prior to submitting the remainder of the application regardless of whether or not an environmental impact statement or a supplement to an environmental impact statement is prepared during the review of its application. On February 5, 2015, in accordance with 10 CFR 2.101(a)(5), NWMI submitted the following in part one of the construction permit application:

- the description and safety assessment of the site required by 10 CFR 50.34(a)(1),
- the environmental report required by 10 CFR 50.30(f),
- the filing fee information required by 10 CFR 50.30(e) and 10 CFR 170.21,
- the general information required by 10 CFR 50.33, and
- the agreement limiting access to classified information required by 10 CFR 50.37.

C. Haass

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As stated in NWMI's letter dated February 5, 2015, part two of NWMI's application for a construction permit will contain the remainder of the preliminary safety analysis report required by 10 CFR 50.34(a) and will be submitted in accordance with the requirements of 10 CFR 2.101(a)(5).

The NRC staff has reviewed part one of NWMI's application for a construction permit and determined that the submitted portion of the application is complete and acceptable for docketing. The docket number assigned to this project is 50-609. Please reflect this docket number on all future correspondence. A separate completeness and acceptability review will be performed upon receipt of part two of NWMI's application for a construction permit.

Enclosed is the notice that will be forwarded to the *Federal Register*, informing the public of the docketing of part one of NWMI's application for a construction permit.

The NRC staff intends to publish a review schedule for NWMI's construction permit application following the completion of the acceptance review for part two of the application. I will notify you when the NRC staff reaches a decision on how it will document its environmental review. The review schedule will reflect this decision.

If you have any questions, please contact me at [Michael.Balazik@nrc.gov](mailto:Michael.Balazik@nrc.gov) or 301-415-2856.

Sincerely,

*/RA/*

Michael Balazik, Project Manager  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Docket No. 50-609

Enclosure:  
*Federal Register* Notice

cc: See next page

Northwest Medical Isotopes

Docket Number: 50-609

cc:

Darrell Liles, CHP, PE  
Senior Health Physicist  
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Nicholas F. Fowler  
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8815 Northwest 9th Street, Suite 256  
Corvallis, OR 97330

As stated in NWMI's letter dated February 5, 2015, part two of NWMI's application for a construction permit will contain the remainder of the preliminary safety analysis report required by 10 CFR 50.34(a) and will be submitted in accordance with the requirements of 10 CFR 2.101(a)(5).

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Sincerely,

/RA/

Michael Balazik, Project Manager  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

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*Federal Register* Notice

cc: See next page

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**ADAMS Accession No.:** Pkg: **ML15125A174** Letter: **ML15125A048** FRN: **ML15125A016**  
**Memo to ADM: ML15125A016** \*concurrence via e-mail **ADM-012**

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