

May 19, 2015

APPLICANT: Northwest Medical Isotopes, LLC

SUBJECT: SUMMARY OF APRIL 2, 2015, MEETING WITH NORTHWEST
MEDICAL ISOTOPES, LLC REGARDING MEDICAL ISOTOPE
PRODUCTION (TAC NO. ME2289)

On April 2, 2015, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Northwest Medical Isotopes, LLC (NWMI) at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The purpose of this meeting was for NWMI to discuss its proposed medical radioisotope production project. A portion of this meeting was closed to the public to discuss proprietary information related to the specifics of design and operation of NWMI's proposed medical radioisotope production facility. The meeting notice and agenda, dated March 23, 2015, is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15077A510. A list of attendees is provided in the enclosure.

The NRC staff opened the meeting at 11:00 a.m. by emphasizing the importance of high quality submittals and continued communication between NWMI and the NRC. The NRC also acknowledged to NWMI the receipt of part one of the two-part construction permit application for the proposed radioisotope production facility. NWMI inquired about the status of the environmental report review. The NRC indicated the review of the environmental report is ongoing and that a NRC internal decision on the type of environmental review is expected in the near future. NWMI then transitioned into a presentation that started with a project status update, overall facility description that included an overview of the target material processing, proposed licensing approach applied to activities to be conducted at the proposed facility, and general facility assumptions. NWMI informed the NRC staff that part two of the two-part construction permit application is expected to be submitted to the NRC in the second quarter of calendar year 2015. When offered, the public did not present any questions to the NRC during the open session. The presentation materials and discussion during the open portion of the meeting concluded at approximately 11:50 a.m.

Further details on this discussion are included in the presentation slides, which are located in ADAMS, under Accession No. ML15090A710.

The NRC staff reconvened for the closed portion of the meeting in the afternoon at 12:30 p.m. During the portion of the meeting closed to the public to discuss proprietary information, NWMI presented material on the technical aspects of its proposed facility. This presentation focused on criticality, shielding, safety analysis strategy, accident analysis preliminary results, structural design, system processes, operating and processing details, waste management, special nuclear material inventory, fire protection, radiation protection, and quality assurance. Finally, NWMI described details regarding target material transportation to and from their proposed radioisotope production facility.

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Please direct any inquiries to Michael F. Balazik at 301-415-2856 or by e-mail at Michael.Balazik@nrc.gov .

Sincerely,

/RA/

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

Project No. 0803

Enclosure:
List of Attendees

cc: See next page

Please direct any inquiries to Michael F. Balazik at 301-415-2856 or by e-mail at Michael.Balazik@nrc.gov .

Sincerely,

/RA/

Michael F. Balazik, Project Manager
Research and Test Reactors Licensing Branch
Division of Policy and Rulemaking
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Project No. 0803

Enclosure:
List of Attendees

cc: See next page

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OFFICE	NRR/DPR/PRLB/PM	NRR/DPR/PRLB/LA	NRR/DPR/PRLB/BC	NRR/DPR/PRLB/PM
NAME	MBalazik	NParker/ELee	AAdams	MBalazik
DATE	5/12/2015	5/19/2015	5/19/2015	5/19/2015

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Northwest Medical Isotopes

Project No. PROJ0803

cc:

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LIST OF ATTENDEES

APRIL 2, 2015, MEETING WITH NORTHWEST MEDICAL ISOTOPES, LLC

REGARDING MEDICAL ISOTOPE PRODUCTION

<u>Name</u>	<u>Organization</u>
Carolyn Haass	Northwest Medical Isotopes, LLC (NWMI)
Steve Reese	NWMI
Marcus Voth	NWMI
David Smith	NWMI
Michael Corum	NWMI
Marcus Voth	NWMI
Gary Dunford	NWMI
John Andrzejczak	NWMI
Jeff Bartelme	SHINE Medical Technologies, Inc.
William Schuster	U.S. Nuclear Regulatory Commission (NRC)
Steve Lynch	NRC
Linh Tran	NRC
Alexander Adams	NRC
Mary Adams	NRC
Leira Cuadrado	NRC
Lawrence Kokajko	NRC
Dan Barss	NRC
Kara McCullough	NRC
Cassandra Frazier	NRC
David Tiktinsky	NRC
Christopher Tripp	NRC
Marilyn Diaz	NRC
James Hammelman	NRC
Soly Soto	NRC
Geoff Wertz	NRC
Nancy Martinez	NRC
Kevin Morrissey	NRC
Mitzi Young	NRC
Russell Chazell	NRC
Michael Rodriguez	NRC
Carl Weber	NRC
Deborah Seymour	NRC
Suzanne Ani	NRC
Lisa London	NRC

Enclosure