

MEETING OF THE
ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES

November 4, 2024

MEETING SUMMARY

PURPOSE

To discuss issues related to the implementation of the medical regulations in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 35, "Medical Use of Byproduct Material."

OUTCOME

The Advisory Committee on the Medical Uses of Isotopes (ACMUI) made recommendations, and the U.S Nuclear Regulatory Commission (NRC) staff gained a better understanding of the views and opinions of the ACMUI, as well as other stakeholders' views and opinions. The NRC staff will consider these views in its continuing effort to make 10 CFR Part 35 more useful, practical, and not overly burdensome on licensees, while maintaining public health and safety.

Full transcripts and handouts from the ACMUI meeting can be found on the NRC's ACMUI Meetings webpage, located at: <https://www.nrc.gov/reading-rm/doc-collections/acmui/meetings/>. The meeting attendees are listed in Enclosure 1.

RECOMMENDATIONS AND ACTIONS

The following provides a summary of the discussions that took place on the topics on the ACMUI meeting agenda (Enclosure 2).

The ACMUI endorsed the following subcommittee report. This report and its recommendations can be viewed, in their entirety, on the NRC's ACMUI Subcommittee Reports webpage, located at the following link: <https://www.nrc.gov/reading-rm/doc-collections/acmui/reports/index.html>.

The ACMUI unanimously endorsed the report from the Subcommittee on ACMUI bylaws regarding disclosures related to conflicts of interest.

The following actions resulted from discussion that took place during the meeting.

The ACMUI tentatively scheduled the spring 2025 meeting for April 7 - 8, 2025.

Enclosures:

1. Meeting Attendees
2. Meeting Agenda

MEETING ATTENDEES

November 4, 2024

ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES

Hossein Jadvar, MD, PhD	Chair
Richard Green	Vice Chair
Richard Harvey, DrPh	Member
Josh Mailman	Member
Melissa Martin	Member
Michael D. O'Hara, PhD	Member
Zoubir Ouhib	Member
Megan Shober	Member
Harvey B. Wolkov, MD	Member
Andrew Einstein, MD	Member
Michael R. Folkert, MD, PhD	Member
Joanna R. Fair, MD, PhD	Member
John F. Angle, MD	Consultant to the Committee

NRC STAFF

Dafna Silberfeld	Director, Division of Materials Safety, Security, State, and Tribal Programs (MSST), Acting
Christian Einberg	Chief, Medical Safety and Events Assessment Branch (MSEB) and Designated Federal Officer
Katherine Tapp	NMSS/MSST/MSEB
Lillian Armstead	NMSS/MSST/MSEB and Designated Federal Officer
Maryann Ayoade	NMSS/MSST/MSEB
Daniel Dimarco	NMSS/MSST/MSEB
Cindy Flannery	NMSS/MSST/MSEB

Vincent Holahan	NMSS/MSST
Daniel Shaw	NMSS/MSST/MSEB
Sarah Spence	NMSS/MSST/MSEB
Tori Roszkowski	NMSS/MSST/MSEB
Brian Allen	RES/DSA/RPB
Latischa Hanson	NMSS/MSST/MSEB
Andy Miller	NMSS/MSST/MSEB
Grace Pennington	OCHCO/ADHRLD/EDPB
Lisa Forney	NMSS/MSST/SLPB
Lisa Dimmick	COMM/OCM
Celimar Valentin-Rodriguez	COMM/OCMAC
Christopher Rapson	RGN I/DRSS/MLAB
Luis Betancourt	OEDO/EO
Monica Ford	R-I/DRSS/CIRDA
Jeremy Tapp	NMSS/DFM/IOB
Jennifer Beaton	OCHCO/ADHRLD/EDPB
Jan Nguyen	RGN I/DRSS/MLAB
David Brown	COMM/OCBRC
Candace Spore	COMM/OCMDW
Rachel Qian	OCHCO/ADHRLD/EDPB
Kelli Trotter	RGN I/DRSS/MLAB

PUBLIC PARTICIPANTS

Jessica Rodgers
 Ahmad Hatami
 Roger Sit
 Thomas Cornwell
 Virginia Pappas
 Bushra Intakhab

Saad Bin Saeed Ahmed

Peter Crane

Frank Dawry

Diana Thompson

Jeffrey Rasmituth

Jeffrey S. Mason

Ralph Lieto

Andrew Brown

Lara Renz Paciello

Wendy Terrenoire

Eric Andersen

Josh McIlvain

Korressa Lee

Stanley D Hampton

Bryan P. Lemieux

Deirdre H. Elder

Carmine M. Plott

Hamsini Sundararaman

Todd Senglaub

Vineetha Ram

Kevin Kunder

Subashri Kurgatt

Kathleen Hintenlang

John Sahlbom

Carol Wen

John Follette

Lisa Marie Guarino

Sean Chapel

Sally M. Pasell

Ashley L. Gray

Cami Still
Christopher M. Helstern
Cindy Tomlinson
Matthew Williamson
Caitlin Root
Eugenio Silvestrini Hernandez
Shannon Lacasse
Alyssa Sullivan
Joyce L Petersen
Chu Wang
Michael Peters
Paul Wallner
Olwen F. Burton
Jonathan D. Moore
Sripriya Rayadurgam
Olusegun Akano Larinde
David Crowley
Lee Korressa
Joseph S. Oberender
William White
William R. Ruck II
Nicole G.
William Hinchcliffe
Stephen Holmes
Jaime A. Barnes
Robert Naylor
Andrew Hoy
Evan J. Boote
Teresa Fisher
Brian Erasmus

Richard Peros
Steven O'Brien
Ariel Doucet
Janell D. Anderson
Nicholas Borges
Christopher Comfort
Gabriel J. Munoz
Kara Duncan Weatherman
Laurenti Ngutter
Kelly Mannella
Matt Hall
Mary Ann Spilker
Micheal Smith
Jennifer Gersman
Ann Marie Derby
Mike N. Stephens
Robert Golduber
Michael A. Welling
Carl Granlund
Jonathan J. Otten
Donna Newman
Ashley Cockerham
Vivek Dharne
Kimyli Lemieux
James, Lauren
Amanda Jesz
Michael Martin
Agnes Barlow
Leon Brown
Becki Harisis

Gilbert Suphatra
Scott Fuller
Gunjan Kayal
Lukas Carter
Aaron Bartoo
Alexandra Terres
Adam Kesner
Mary K. Richardson
Akin Ogretici
Emma Anderson
Amy E. Biggs
Muhammad Hamza Abbasi
Ike Hall
Leona Choi
Valerie Stowell
David Salerius
Georgette M. Lauersdorf
Matt Hough
Chris Eastlee
Ian Irvin
Valerie Stowell
Ashley A. Hanson
Michael Famiano
Heather Merchantz
Jeremy Mangum
Jenna E.
Nicolae Achim
Clements, Jessica
Jeffrey J. Brunette
Shelli Kritzman

Ann Derby
Stacie Aman
Jeff Moirano
Brian M. Kelley
William Lorenzen
Sandy Gabriel
Georgia Lawrence
Chris Alston
Daniel Januseski
Stephen A. Graves
Bonnie Clarke
Pat Zanzonico
Erin Grady
Matt Barrett
Cathey Rivers
Julia Bellinger
Doug Burrichter
Ira Goldman
Reed G Selwyn
Rachel Qian
Jaime Barnes
Timothy Jay Sanchez
Daniel Chiappetta
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Noelle G.

Grace Pennington

Kara Duncan Weatherman

Lisa Dimmick

Michael Welling

Robin Elliott

Vivek Dharne

Lauren James

Suphatra Gilbert

Christopher Rapson

Noelle G.

Jessica Clements

Luis Betancourt

Cathy Cutler

Reed G. Selwyn

Keith Brown

Jennifer Beaton

David Brown

James Cordes - Court Reporter

MEETING AGENDA
ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES
November 4 – 5, 2024

One White Flint North Building, 11555 Rockville Pike
Commissioner's Hearing Room
North Bethesda, Maryland 20852

NOTE: Sessions of the meeting may be closed pursuant to 5 U.S.C. 552b to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACMUI; information the release of which would constitute a clearly unwarranted invasion of personal privacy; information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed agency action; and disclosure of information which would risk circumvention of an agency regulation or statute.

Monday, November 4, 2024		
OPEN SESSION		
OPEN SESSION		
10:00 – 10:15	1. Opening Remarks Mr. Einberg will formally open the meeting and Mr. Williams will provide opening comments.	C. Einberg, NRC K. Williams, NRC
10:15 – 10:30	2. Old Business Ms. Armstead/Ms. Roszkowski will review past ACMUI recommendations and provide NRC responses.	L. Armstead, NRC T. Roszkowski, NRC
10:30 – 10:45	3. Open Forum The ACMUI will identify medical topics of interest for further discussion.	ACMUI, NRC
10:45 – 11:00	BREAK	
11:00 – 11:45	4. ACMUI Bylaws Subcommittee Ms. Allen will provide an update to the ACMUI Bylaws.	R. Allen, ACMUI
11:45 – 12:15	5. Y-90 Microspheres Medical Events Ms. Spence will provide an overview of the NRC follow-up to the ACMUI recommendations on medical events related to the use of Y-90 microspheres.	S. Spence, NRC
12:15 – 1:30	LUNCH	
1:30 – 1:50	6. Advance Act The NRC staff will provide an overview of the Advance Act.	M. King, NRC
1:50 – 2:30	7. Medical Team Updates Dr. Tapp will provide an update on the Medical Radiation Safety Team's activities	K. Tapp, NRC
2:30 – 3:15	8. NRC Evaluation of Current Patient Waste Guidance and Regulations Mr. DiMarco will provide an overview of the current patient waste guidance and regulations.	D. DiMarco, NRC
3:15 – 3:30	BREAK	
3:30 – 4:00	9. Status of Patient Release Guidance Revision Dr. Tapp will provide a status update to the revision of RG 8.39, "Release of Patients Administered Radioactive Material."	K. Tapp, NRC
4:00 – 4:20	10. Open Forum The ACMUI will identify medical topics of interest for further discussion.	ACMUI, NRC
4:20 – 4:35	11. Administrative Closing Ms. Armstead/Ms. Roszkowski will provide a meeting summary and propose dates for the spring 2025 meeting.	L. Armstead, NRC T. Roszkowski, NRC
	BREAK	

Tuesday, November 5, 2024 CLOSED SESSION		
9:30 – 10:30	12. Ethics Training	B. Klukan, NRC
10:30 – 11:00	13. Allegations Training	S. Hawkins, NRC
11:00 – 11:30	14. INFOSEC Training	M. MacDonald, NRC
	ADJOURN	