

MEETING OF THE  
ADVISORY COMMITTEE ON THE  
MEDICAL USES OF ISOTOPES

March 7-8, 2018

**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 ACMUI Meetings Web page, located on NRC's public Web site: <http://www.nrc.gov/reading-rm/doc-collections/acmui/meetings/>

**RECOMMENDATIONS AND ACTIONS**

The following recommendations and actions resulted from the discussions that took place on the topics listed on the ACMUI meeting agenda (Enclosure 2):

The NRC staff will create an ACMUI Recommendations Web page and post the full ACMUI Recommendations and Actions charts on the ACMUI Web page from 2007 – present.

The NRC staff will send out a medical list server announcement to inform subscribers of the availability of ACMUI and NRC PowerPoint slides related to the fiscal year review of medical events, each time that they are posted onto the NRC's Medical Use Licensee Toolkit.

The Committee tentatively scheduled the fall 2018 meeting for September 20-21, 2018. The alternate meeting dates are September 17-18, 2018.

Enclosures:

1. Meeting Attendees
2. Meeting Agenda

## MEETING ATTENDEES

### ACMUI

Philip O. Alderson, M.D.	Chairman
Vasken Dilsizian, M.D.	Member
Ronald D. Ennis, M.D.	Member
Darlene F. Metter, M.D.	Member
Michael D. O'Hara, Ph.D.	Member
Christopher J. Palestro, M.D.	Member
Michael A. Sheetz	Member
John H. Suh, M.D.	Member
Laura M. Weil	Member
Pat B. Zanzonico, Ph.D.	Vice Chairman
<i>Richard Green</i>	<i>Non-Voting Member</i>
<i>Zoubir Ouhib</i>	<i>Non-Voting Member</i>
<i>Megan Shober</i>	<i>Non-Voting Member</i>

### NRC

Marc Dapas	Director, Office of Nuclear Material Safety and Safeguards
Linda Howell	Acting Deputy Director, Division of Materials Safety, State, and Tribal Programs (MSST)
Douglas Bollock	Chief, Medical Safety and Events Assessment Branch (MSEB) and Designated Federal Officer
Sophie Holiday	Alternate Designated Federal Officer and ACMUI Coordinator
Maryann Ayoade	NMSS
Jennifer Bishop	RIII
Russell Chazell	SECY
Said Daibes, Ph.D.	NMSS
Lisa Dimmick	OEDO
Robert Gallagher	RI
Michelle Hammond	RIV
Latischa Hanson	RIV
Patricia Holahan, Ph.D.	NMSS
Vincent Holahan, Ph.D.	NMSS
Esther Houseman	OGC
Donna-Beth Howe, Ph.D.	NMSS
Kevin Null	RIII
Patricia Pelke	RIII
Gretchen Rivera-Capella	NMSS
Diane Sieracki	OE
Zahid Sulaiman	RIII
Katie Tapp, Ph.D.	NMSS
Irene Wu	NMSS
Shirley Xu	NMSS

Enclosure 1

**MEMBERS OF THE PUBLIC**

Dave Adler	American Society for Radiation Oncology (ASTRO)
Robert Dansereau	New York State Department of Health
Miguel de la Guardia	Cook's Children Medical Center
Lynne Fairbent	<i>Unaffiliated</i>
Caitlin Kubler	Society of Nuclear Medicine and Molecular Imaging
Melissa Martin	American Association of Physicists in Medicine (AAPM)
Richard Martin	AAPM
Michael Peters	American College of Radiology
Josephine Piccone	<i>Unaffiliated</i>
A. Robert Schleipman	Partners Healthcare
Cindy Tomlinson	ASTRO

**MEETING AGENDA**  
**ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES**  
**March 7-8, 2018**  
**Two White Flint North Building (T2-B3), Rockville, Maryland**

NOTE: Sessions of the meeting may be closed pursuant to 5 U.S.C. 552(b) 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.

Wednesday, March 7, 2018 OPEN SESSION		
8:30 – 10:15	<b>1. Opening Remarks</b> Mr. Bollock will formally open the meeting and Ms. Howell will provide opening comments.	<b>D. Bollock, NRC</b> <b>L. Howell, NRC</b>
	<b>2. Old Business</b> Ms. Holiday will review past ACMUI recommendations and provide NRC responses.	<b>S. Holiday, NRC</b>
	<b>3. Open Forum</b> The ACMUI will identify medical topics of interest for further discussion.	<b>ACMUI</b>
	<b>4. Medical Related Events</b> Dr. Howe will provide an update on recent medical events.	<b>DB. Howe, NRC</b>
10:15 – 10:30	<b>BREAK</b>	
10:30 – 11:30	<b>5. Staff Response to Medical Event Reporting and its Impacts on Safety Culture Subcommittee Report</b> Mr. Bollock will discuss the staff’s evaluation of the ACMUI’s recommendations related to how NRC’s medical event reporting criteria under 10 CFR 35.3045 impacts safety culture at medical institutions.	<b>D. Bollock, NRC</b>
	<b>6. ACMUI Reporting Structure</b> Members will discuss the reporting structure of the Committee and provide feedback to NRC staff.	<b>S. Holiday, NRC</b>
11:30 – 1:00	<b>LUNCH</b>	
1:00 – 2:30	<b>7. Worldwide Supply and the Domestic Production of Molybdenum-99</b> Mr. Green will provide an update of the world’s supply of and the domestic production of molybdenum-99 in the U.S.	<b>R. Green, Cardinal Health</b>
	<b>8. Medical Projects on the Horizon</b> Mr. Bollock will discuss the major assignments currently under review by the medical radiation safety team.	<b>D. Bollock, NRC</b>
2:30 – 3:00	<b>BREAK (public portion ends)</b>	

3:00 – 5:00      **9. ACMUI Working Preparatory Session**

**Thursday, March 8, 2018  
OPEN SESSION**

**10. Special Presentation to Dr. Zanzonico**      **M. Dapas, NRC**  
Mr. Dapas will make a special presentation to Dr. Zanzonico.

8:30 – 9:00      **11. Emerging Technologies Commission Paper**      **I. Wu, NRC**  
Ms. Wu will provide an overview of a paper that was provided to the Commission related to the resources needed to address the development of emerging technologies.

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9:30 – 10:00      **BREAK**

**12. Commission Meeting with the ACMUI**      **ACMUI**  
The ACMUI will brief the Commission on various topics in a public meeting.

10:00 – 12:15      **13. Group Photo**      **ACMUI**  
The ACMUI will take a group photo with and without the Commission.

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12:15 – 1:30      **LUNCH**

**14. Thoughts on Leaving the ACMUI**      **P. Zanzonico, ACMUI**  
Dr. Zanzonico will share his thoughts on leaving the ACMUI.

1:30 – 2:45      **15. Open Forum**      **ACMUI**  
The ACMUI will discuss medical topics of interest previously identified.

2:45      **16. Administrative Closing**      **S. Holiday, NRC**  
Ms. Holiday will provide a meeting summary and propose dates for the fall 2018 meeting.

**ADJOURN**