

**MEETING AGENDA
ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES
April 20 – 21 2026**

Two White Flint North Building, 11545 Rockville Pike, Advisory Committee on Reactor Safeguards (ACRS) conference room North Bethesda, Maryland 20852

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.

**Monday, April 20, 2026
OPEN SESSION**

9:00 – 9:10	1. Opening Remarks Mr. Einberg will formally open the meeting, and Ms. Silberfeld will provide opening remarks.	C. Einberg, NRC D. Silberfeld, NRC
9:10 – 9:20	2. Old Business Dr. Tapp will review past ACMUI recommendations and provide NRC responses.	K. Tapp, NRC
9:20 – 9:40	3. Open Forum The ACMUI will identify medical topics of interest for further discussion.	ACMUI
9:30 – 10:15	4. Medical Events Dr. Harvey will provide an update on recent medical events.	R. Harvey, ACMUI
10:15 – 10:30	BREAK	
10:30 – 11:15	5. Giving Advice on ADVANCE Act of July 2024 Mission Statement Dr. Harvey will discuss the subcommittee's recommendations and advice to support the Nuclear Regulatory Commission's (NRC) implementation of the ADVANCE Act.	R. Harvey, ACMUI
11:15 – 11:45	6. Alpha Guidance Memo Review Subcommittee Mr. Green will discuss the subcommittee's recommendations on the staff's memo for licensing the use of alpha nuclides in radiopharmaceutical therapy.	R. Green, ACMUI
11:45 – 1:00	LUNCH	
1:00 – 1:45	7. Potential AI Deep Learning Applications for NRC Medical Enterprise Dr. Einstein will discuss the subcommittee's recommendations on the potential applications of artificial intelligence (AI) and deep learning technologies to enhance the efficiency and effectiveness of the Nuclear Regulatory Commission's (NRC) medical staff and ACMUI.	A. Einstein, ACMUI
1:45 – 2:15	8. ACMUI Generic Reporting Process Mrs. Shober will discuss the subcommittee's recommended best practices for the preparation of reports, including guidance on writing subcommittee	M. Shober, ACMUI

	reports and developing effective presentations, including Commission presentations.	
2:15 – 3:00	9. Membership of an Interventional Radiologist Dr. Einstein will discuss the subcommittee’s assessment of ACMUI membership to determine if the ACMUI would like to propose a change in membership to include an interventional radiologist	A. Einstein, ACMUI
3:00 – 3:15	BREAK	
3:15 – 4:00	10. Tentative: Subcommittee on Modernizing Requirements Relating to Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material Rulemaking Dr. Harvey will discuss the subcommittee’s review and recommendations regarding staff’s proposed rulemaking on modernizing requirements relating to physical protection of category 1 and category 2 quantities of radioactive material rulemaking. (Tentative depending on if proposed rulemaking package is available for public comment during the meeting)	R. Harvey, ACMUI
4:00 – 4:15	11. Special Recognition for Ms. Shober Ms. Silberfeld will make a special presentation to Ms. Shober.	D. Silberfeld, NRC
4:15 – 4:30	12. ACMUI Reflections Ms. Shober will share her thoughts on leaving the ACMUI.	S. Shober
4:30 – 5:00	13. NRC Medical Radiation Safety Team Updates Dr. Tapp will provide an update on the NRC’s activities impacting licensing and oversight of medical use of byproduct materials.	K. Tapp, NRC
Break for Day		

Tuesday, April 21, 2026		
Open Session		
10:00 – 12:00	14. Commission Meeting with the ACMUI The ACMUI will brief the Commission on various topics in a public meeting in the Commissioners Hearing room.	ACMUI
	15. Group Photo The ACMUI will take a group photo with and without the Commission.	ACMUI
12:00 – 12:30	Break	
12:30 – 1:00	16. Open Forum	ACMUI
1:00 – 1:15	17. ACMUI Reporting Structure and Administrative Closing Mrs. Hoenig will provide an overview of the current reporting structure. Members will discuss the reporting structure of the Committee and provide feedback to the NRC. Mrs. Hoenig will also provide a meeting summary and propose dates for the fall 2026 meeting.	S. Hoenig, NRC