



# Advisory Committee on the Medical Uses of Isotopes

June 8, 2026



# Opening Remarks



**Old Business  
(Recommendations & Actions)**

	ITEM	DATE	STATUS		Target Completion Date for NRC Action
1	Dr. Jadvar formed a subcommittee on Giving Advice on ADVANCE Act of July 2024 Mission Statement. The subcommittee's membership includes Harvey Wolkov as chair, Michael Folkert, Megan Shober, Hossein Jadvar, and Josh Mailman.	4/7/25	ACMUI Action	Open	Spring 2026
2	Dr. Jadvar formed a subcommittee ACMUI Generic Reporting Process. The subcommittee's membership includes Megan Shober as chair, Harvey Wolkov, Josh Mailman, Richard Green, and Zoubir Ouhib.	4/7/25	ACMUI Action	Open (Propose to Close)	Spring 2026
3	Dr. Jadvar formed a subcommittee on Potential AI Deep Learning Applications for NRC Medical Enterprise. The subcommittee's membership includes Andrew Einstein as chair, Hossein Jadvar, Michael Folkert, Joanna Fair, and Josh Mailman.	4/7/25	ACMUI Action	Open (Propose to Close)	Spring 2026
4	At NRC staff request, ACMUI formed a subcommittee on Modernizing Requirements Relating to Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material Rulemaking.	10/21/25	ACMUI Action	Open (Propose to Close)	Spring 2026
5	At NRC staff request, ACMUI formed a subcommittee on modernizing NRC regulations for byproduct material use rulemaking.	11/14/25	ACMUI Action	Open (Propose to Close)	Spring 2026
6	At NRC staff request, ACMUI formed a subcommittee on reducing barriers to medical use licensing rulemaking.	11/21/25	ACMUI Action	Open	Summer 2026
7	The ACMUI submitted recommendations to the NRC through its subcommittee report on Giving Advice on the ADVANCE Act of July 2024 Mission Statement.	4/20/26	NRC Action	Open	Fall 2026
8	The ACMUI submitted recommendations to the NRC through its subcommittee report on Alpha Nuclides in Radiopharmaceutical Therapy.	4/20/26	NRC Action	Open	Fall 2026
9	The ACMUI submitted recommendations to the NRC through its subcommittee report on Potential AI Deep Learning Applications for NRC Medical Enterprise.	4/20/26	NRC Action	Open	Fall 2026
10	The ACMUI submitted recommendations to the NRC through its subcommittee report on ACMUI Generic Reporting Process.	4/20/26	NRC Action	Open	Fall 2026
11	The ACMUI submitted recommendations to the NRC through its subcommittee report on Membership of an Interventional Radiologist.	4/20/26	NRC Action	Open	Fall 2026
12	The ACMUI formed a subcommittee on Radiopharmaceutical Production and Distribution Safety. The subcommittee's membership includes Mr. Richard Green (as chair), Dr. Hossein Jadvar, Dr. Joanna Fair, Dr. Micheal Folkert, Dr. Richard Harvey, and Mr. Josh Mailman.	4/20/26	ACMUI Action	Open	Fall 2026
13	The ACMUI tentatively scheduled the fall meeting for October 26-27, 2026.	4/20/26	ACMUI Action	Open	Fall 2026



# **Overview of the Modernizing NRC Regulations for Byproduct Material Use Proposed Rule**

Jennifer Dalzell

Region III/Division of Radiological  
Safety and Security

June 8, 2026

# Modernizing NRC Regulations for Byproduct Material Use

**RIN No.:** 3150-AL49

**Docket ID:** NRC-2025-1205

**Affected 10 CFR Parts:** 30, 31, 32, 34, 39, 70, and 150

## Proposed Rule Overview:

- Amends regulations for decommissioning financial assurance for sealed and unsealed radioactive materials and modernizes regulations for byproduct material use.
- The rule would create a New Class of General Licenses for standardized, low risk, operations.
- The rule would allow radiopharmacies to prepare and distribute microspheres in addition to radioactive drugs without additional program codes.

**Proposed Rule Publication Date:** May 18, 2026

**Public Comment Period Closes on:** July 2, 2026





## Licensing Options

- Optional new class of general licenses for certain activities such as standard lower risk diagnostic medical use.
- Training and Experience requirements remain but would no longer be reviewed by license reviewers for this class of general license activities.
- Equivalent oversight framework.
- Current licensing options remain for higher risk activities and nonstandard practices.



# Submitting Comments

- Comments must be submitted in writing through the method described in the Federal Register notice to receive formal consideration in the rulemaking.
- Federal Rulemaking Website: Go to <https://www.regulations.gov> and search for Docket ID NRC-2025-1205.



# Acronyms

- Nuclear Regulatory Commission – NRC
- Standard General License – SGL
- General License – GL
- Code of Federal Regulations – CFR





# **Modernizing Regulations for Byproduct Material Use Rulemaking Proposed Rule**

Richard P. Harvey, DrPH  
Advisory Committee on the Medical  
Uses of Isotopes  
June 8, 2026

# Subcommittee Members

- Richard Harvey, DrPH (Chair)
- Hossein Jadvar, MD, PhD
- NRC Staff Resource: Elizabeth Tindle-Engelmann  
Katie Tapp, PhD

## Subcommittee Charge

- The subcommittee on the Modernizing NRC Regulations for Byproduct Material Use proposed rule was established by NRC staff on November 11, 2025.
- The subcommittee was to provide ACMUI review and comments on the modernizing regulations for byproduct material use [proposed rule](#).

## **SC Findings - Standard General Licensing**

- The Standard General Licenses (SGLs) establishes a low burden, regulatory-by-rule pathway for common, low risk medical uses of byproduct material.
- SGLs create a more predictable and streamlined licensing environment for medical institutions by replacing repetitive licensing correspondence with standardized commitments and inspection-based oversight, without reducing the level of safety expected of medical-use licensees.
- The ACMUI subcommittee supports this proposed rule.

## **SC Findings – Microsource Distribution**

- The proposed rule also addresses emerging clinical practices by expanding microsource distribution options.
- The ACMUI subcommittee supports this proposed rulemaking.

## **SC Findings – 10 CFR 30 Physician Definition**

- The proposed rule removes the definition of physician from 10 CFR 30.4 because the term is already fully defined in 10 CFR 35.2.
- The ACMUI subcommittee supports this proposed rulemaking.

## **SC Findings – Financial Assurance**

- These revisions modernize DFA thresholds by incorporating updated radionuclide values, adding isotopes not previously listed such as for gallium/germanium generators, and resolving overly conservative default values that have created licensing inefficiencies for medical and industrial users.
- The ACMUI previously reviewed a draft regulatory basis document for this rulemaking and provided its recommendations in its final report dated August 29, 2024 (ML24254A315).
- The ACMUI subcommittee supports the NRC's continued efforts in this area and endorses moving forward with updates to financial assurance regulations.



## **Subcommittee on Modernizing Regulations for Byproduct Material Use Rulemaking Report Summary**

- The ACMUI subcommittee on the Modernizing NRC Regulations for Byproduct Material Use rulemaking recommends that the proposed rule be made final as proposed.

# Acronyms

- ACMUI – Advisory Committee on Medical Uses of Isotopes
- Decommissioning Financial Assurance - DFA
- Nuclear Regulatory Commission - NRC
- Standard General Licenses – SGL
- Subcommittee - SC