



Overview of ACMUI Activities

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ACMUI Chairman

May 9, 2014

ACMUI Purpose

- **The ACMUI exists to advise the NRC staff, and thus you, the Commission, on policy on medical uses of radionuclides.**
- **Also, provide technical assistance and serve as consultants.**

Membership Positions

- **Health Care Administrator**
- **Nuclear Medicine Physician**
- **2 Radiation Oncologists**
- **Nuclear Cardiologist**
- **Diagnostic Radiologist**
- **2 Medical Physicists**
- **Nuclear Pharmacist**
- **Radiation Safety Officer**
- **Patients' Right Advocate**
- **Agreement State Representative**
- **U.S. FDA Representative**

Some topics addressed by the ACMUI in the last 6 months

- **Refining some aspects of the 10 CFR Part 35 Rulemaking,**
- **Considering some of the uncertainties in the assumptions involved with patient release following iodine-131 therapy,**

ACMUI Topics (Continued)

- **New methods for production of molybdenum-99 from low-enriched uranium,**
- **Inspection guidance for permanent brachytherapy with respect to potential medical events,**

ACMUI Topics (Continued)

- **Medical events involving yttrium-90-labeled microspheres,**
- **The definition for abnormal events,**
- **Classifications for, qualification for users of, alpha-emitting radiopharmaceutical,**

ACMUI Topics (Continued)

- **Classification for the ViewRay device,**
- **Nuclear medicine generator break-through problems, generator design and quality assurance requirements.**

Additional ACMUI Topics

- **Safety culture in various aspects of applications,**
- **The organizational relationship between the Committee and the Commission**

Current ACMUI Topics

- **Continuing discussions of:**
 - **Patient release**
 - **Radionuclide availability**
 - **Medical events and the reliability of specific procedures**
- **The NRC's medical use policy**
- **The ACMUI bylaws**

Credit to the Past ACMUI Chair

Much of the credit for the current effective operation of the ACMUI stems from the insight and guidance of the immediate past chair, Leon Malmud, M.D., who managed to bring persons together.

Future

- **Over much of the last decade, a strong, cooperative relationship has developed between the ACMUI and the NRC Staff.**
- **We will work hard to maintain this functional, respectful spirit.**

Acronyms

**ACMUI – The Advisory Committee
on Medical Uses of Isotopes**

**FDA – The Food and Drug
Administration**