



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

May 9, 2016

MEMORANDUM TO: Philip O. Alderson, M.D., Chairman  
Advisory Committee on the Medical Uses of Isotopes

FROM: Daniel S. Collins, Director **/RA Pamela Henderson for/**  
Division of Material Safety, State, Tribal  
and Rulemaking Programs  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: THE U.S. NUCLEAR REGULATORY COMMISSION ACTIONS IN  
RESPONSE TO THE MARCH 17-18, 2016 MEETING OF THE  
ADVISORY COMMITTEE ON THE MEDICAL USES OF  
ISOTOPES

Below are the recommendations and requests from the Advisory Committee on the Medical Uses of Isotopes (ACMUI) meeting held on March 17-18, 2016 and the U.S. Nuclear Regulatory Commission (NRC) staff's response.

**ITEM (1):** The NRC staff will provide data to the Committee for medical events reported over a five-year span for trending purposes.

Staff will provide this consolidated data to the Committee prior to the fall 2016 meeting.

**ITEM (2):** Dr. Alderson, ACMUI Chairman, formed a subcommittee to: 1) explore the impact of medical event (ME) reporting and its impact on self-reporting (safety culture); 2) identify potential ways to improve the effectiveness of self-reporting in support of a culture of safety; and 3) suggest ways to share ME reports and lessons learned with the medical community to promote safety. This subcommittee will present its recommendation(s) at the fall 2016 meeting. Subcommittee members include: Mr. Costello, Dr. Dilsizian, Dr. Ennis, Dr. Langhorst (Chair), and Ms. Weil. Mr. Ouhib will serve as a consultant to the subcommittee pending security clearance.

The NRC resource is Dr. Katie Tapp. No action required at this time.

CONTACT: Sophie J. Holiday, NMSS/MSTR  
(301) 415-7865

**ITEM (3):** The NRC staff will provide the Committee with the draft final 10 CFR 35.1000 licensing guidance for the Leksell Gamma Knife Perfexion and Leksell Gamma Knife Icon. Interested members will be encouraged to provide comments to the Working Group.

Ms. Sophie Holiday provided the guidance to the Committee on April 19, 2016, for review and comments from interested members.

**ITEM (4):** Dr. Langhorst requested that NRC staff provide the Committee with the total number of medical use licensees within the United States, for both NRC and Agreement States.

Ms. Holiday provided this information to the Committee on March 18, 2016. No further action required.

**ITEM (5):** The Committee will contact their respective professional organizations to request and encourage interactions between the NRC and the ACMUI at their organizational meetings.

Ms. Holiday will provide the Committee members with contact information for each major professional organization by May 2016.

**ITEM (6):** The Committee plans to hold the fall 2016 ACMUI Meeting on October 6-7, 2016, at NRC Headquarters. The back-up meeting date is September 1-2, 2016.

No NRC action required.

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No NRC action required.

**ML16120A094**

OFC	MSTR/MSEB	MSTR/MSEB	MSTR/MSEB	MSTR
NAME	SHoliday	MFuller	DBollock	PHenderson for DCollins
DATE	04/25/2016	04/26/2016	04/27/2016	04/9/2016

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