

**MEETING AGENDA  
ADVISORY COMMITTEE ON THE MEDICAL USES OF ISOTOPES**

**May 24-25, 2010  
Two White Flint North Building (T2-B3), Rockville, Maryland**

**Monday, May 24, 2010  
CLOSED SESSION**

- 8:00 – 10:00    **1.    ACMUI Badging**  
ACMUI members will enroll for new NRC badges.

NOTE: The above session 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.

**OPEN SESSION**

- 10:00 – 10:15    **2.    Opening Statements** **R. Lewis, NRC**  
Mr. Lewis will formally open the meeting.
- 10:15 – 10:45    **3.    Old Business** **A. Cockerham, NRC**  
Ms. Cockerham will review past ACMUI recommendations and provide NRC responses.
- 10:45 – 11:15    **4.    Status of Current and Future Rulemaking** **E. Lohr & N. Bhalla, NRC**  
NRC staff will provide updates on 10 CFR Parts 35 and 37 rulemakings.
- 11:15 – 12:00    **5.    Patient Release** **DB. Howe, NRC**  
Dr. Howe will provide an update on the issue of patient release following administration of iodine 131.

12:00 – 1:00 **L U N C H**

- 1:00 – 1:30    **6.    Update on Medical Isotope Shortage** **S. Mattmuller, ACMUI**  
Mr. Mattmuller will provide updated information on the impact of the medical isotope shortage.
- 1:30 – 2:00    **7.    Domestic Production of Molybdenum 99** **MJ. Ross-Lee, NRC**  
Ms. Ross-Lee will provide the latest information on the domestic production on the medical isotope, molybdenum 99.

2:00 – 2:30 **B R E A K**

- 2:30 – 3:00    **8.    Update on Permanent Prostate Brachytherapy  
Medical Events** **P. Pelke, NRC**  
Ms. Pelke will provide an update on the medical events that occurred at the Veteran's Affairs Medical Centers.
- 3:00 – 5:00    **9.    Permanent Implant Brachytherapy Subcommittee** **J. Welsh, ACMUI**  
Dr. Welsh will discuss the ACMUI subcommittee report on permanent implant brachytherapy.

**Tuesday, May 25, 2010**  
**OPEN SESSION**

- 8:00 – 8:45 **10. Safety Culture** **D. Gilley, ACMUI**  
Ms. Gilley will open a discussion on safety culture in medical practices.
- 8:45 – 9:30 **11. Update on Grandfathering Certified Medical Physicists** **R. Zelac, NRC**  
Dr. Zelac will provide an update on the status of the technical basis to support Part 35 rulemaking addressing the issues raised in the 2006 Ritenour petition (PRM-35-20), resolved in 2008 (73 *FR* 27773, May 14, 2008).
- 9:30 – 10:00 **12. Revisions to the NRC Radiation Protection Requirements: Potential Impacts to the Medical Community** **B. Thomadsen, ACMUI**  
Dr. Thomadsen will provide information on the International Atomic Energy Agency's revision to Draft Safety Requirements DS379.
- 10:00 – 10:30 **B R E A K**
- 10:30 – 11:15 **13. Post-Implant Written Directives for Yttrium 90 Microspheres Procedures** **B. Thomadsen, ACMUI**  
Dr. Thomadsen will discuss an issue regarding signatures for post-implant written directives for yttrium 90 microspheres procedures.
- 11:15 – 12:00 **14. Subcommittee Report on Byproduct Material Events** **J. Welsh, ACMUI**  
Dr. Welsh will present the subcommittee's analysis on byproduct material events for fiscal year 2010.
- 12:00 - 12:30 **15. Administrative Closing** **A. Cockerham, NRC**  
Ms. Cockerham will provide a meeting summary and propose dates for the next meeting.

12:30

**A D J O U R N**