



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, DC 20555 – 0001**

**AGENDA  
600<sup>th</sup> ACRS MEETING  
December 6-8, 2012**

**THURSDAY, DECEMBER 6, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE,  
ROCKVILLE, MD**

- 1) 8:30 AM - 9:15 AM      Discussion of Topics for Meeting with the Commission (Open)  
(JSA, et al. /EMH, et al.)  
Discussion of the following topics for meeting with the  
Commission:  
1.1) Overview  
1.2) Revision of 10 CFR Part 20 for Conformance with  
International Commission on Radiological Protection  
Recommendations (SECY-12-0064)  
1.3) Venting Systems for BWRs with Mark I and Mark II  
Containment Designs  
1.4) Economic Consequences within the NRC Regulatory  
Framework (SECY-12-0110)
- 9:15 AM - 9:30 AM**      **\*\*\* BREAK \*\*\***
- 2) 9:30 AM - 11:30 AM      Meeting with the Commission (Open) (JSA, et al. /EMH, et al.)  
Meeting with the Commission, Commissioners' Conference Room,  
One White Flint North, to discuss topics listed under Item 1.
- 11:30 AM - 12:45 PM**      **\*\*\* LUNCH \*\*\***
- 3) 12:45 PM - 12:50 PM      Opening Remarks by the ACRS Chairman (Open) (JSA/EMH)  
3.1) Opening Statement  
3.2) Items of Current Interest

- 4) 12:50 PM - 2:15 PM      Design Specific Review Standard (DSRS) for Instrumentation and Control (I&C) of the Babcock & Wilcox (B&W) mPower Reactor Design (Open) (CHB/CEA)
- 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the development of a DSRS in support of the staff's review of the I&C portion of the proposed mPower reactor design being developed by B&W.
- 2:15 PM - 2:30 PM**      **\*\*\* BREAK \*\*\***
- 5) 2:30 PM - 3:30 PM      Spent Fuel Transportation Risk Assessment (Open) (MTR/CLB)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Briefing by and discussions with representatives of the NRC staff regarding a revised assessment of the risk associated with transportation of spent fuel.
- 3:30 PM - 3:45 PM**      **\*\*\* BREAK \*\*\***
- 6) 3:45 PM - 4:45 PM      Draft Final Regulatory Guide (RG) 4.22, "Decommissioning Planning During Operations" (Open) (MTR/DAW)
- 6.1) Remarks by the Subcommittee Chairman
  - 6.2) Briefing by and discussions with representatives of the NRC staff regarding a draft final RG 4.22, "Decommissioning Planning During Operations."
- 7) 4:45 PM - 7:00 PM      Preparation of ACRS Reports (Open)
- 7.1) DSRS for I&C of B&W mPower Reactor Design (CHB/CEA)
  - 7.2) Spent Fuel Transportation Risk Assessment (MTR/CLB)
  - 7.3) Draft Final RG 4.22, "Decommissioning Planning During Operations" (MTR/DAW)

**FRIDAY, DECEMBER 7, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD**

- 8) 8:30 AM - 8:35 AM      Opening Remarks by the ACRS Chairman (Open) (JSA/EMH)  
8.1)    Opening Statement  
8.2)    Items of Current Interest
- 9) 8:35 AM - 9:30 AM      Guidance on Treatment of Probabilistic Risk Assessment (PRA) Uncertainties (Open) (JWS/JCL)  
9.1)    Remarks by the Subcommittee Chairman  
9.2)    Briefing by and discussions with representatives of the industry and NRC staff regarding the development of guidance on the treatment of uncertainties associated with the use of PRAs in risk-informed applications.
- 9:30 AM - 9:45 AM      \*\*\* BREAK \*\*\***
- 10) 9:45 AM - 11:15 AM      Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (JSA/EMH)  
10.1)    Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings.  
10.2)    Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

**[NOTE: A portion of this meeting may be closed pursuant to 5 U.S.C. 552b (c) (2) and (6) to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]**

- 11) 11:15 AM - 11:30 AM     Reconciliation of ACRS Comments and Recommendations  
(Open) (JSA/EMH/HJG)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 12) 11:30 AM - 1:00 PM     Preparation of ACRS Reports (Open)
- 12.1)    DSRS for I&C of B&W mPower Reactor Design (CHB/CEA)
  - 12.2)    Spent Fuel Transportation Risk Assessment (MTR/CLB)
  - 12.3)    Draft Final RG 4.22, "Decommissioning Planning During Operations" (MTR/DAW)
  - 12.4)    Guidance on Treatment of PRA Uncertainties (JWS/JCL)

**1:00 PM - 3:30 PM            \*\*\* LUNCH \*\*\***

- 13) 3:30 PM - 7:00 PM     Preparation of ACRS Reports (Open)  
Continue discussion of the proposed ACRS reports listed under Item 12. There may be 15-minute breaks at some points during this activity.

**SATURDAY, DECEMBER 8, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD**

- 14) 8:30 AM - 11:30 AM     Preparation of ACRS Reports (Open)  
Continue discussion of the proposed ACRS reports listed under Item 12. There may be 15-minute breaks at some points during this activity.
- 15) 11:30 AM - 12:00 PM     Miscellaneous (Open) (JSA/EMH)  
Discussion of matters related to the conduct of Committee activities and specific issues that were not completed during previous meetings, as time and availability of information permit.

**NOTES:**

- When appropriate, members of the public and representatives of the nuclear industry may provide their views during the briefings.
- During the meeting, phone number 301-415-7360 should be used in order to contact anyone in the ACRS Office.
- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACRS in advance of the briefing.
- One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the Designated Federal Official with a CD containing each presentation at least 30 minutes before the meeting.

**NOTES:**

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