



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

**October 15, 2009**

**AGENDA  
567<sup>th</sup> ACRS MEETING  
NOVEMBER 5-7, 2009**

**THURSDAY, NOVEMBER 5, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT  
NORTH, ROCKVILLE, MARYLAND**

- 1) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open)  
(MVB/EMH/MPL)
  - 1.1) Opening statement
  - 1.2) Items of current interest
  
- 2) 8:35 – 10:30 A.M. Amendments to the AP1000 Design Control Document (DCD)  
(Open) (HBR/MPL)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff and Westinghouse Electric Company regarding amendments to the AP1000 DCD and related matters.

Members of the public may provide their views, as appropriate.

**10:30 – 10:45 A.M. \*\*\* BREAK \*\*\***

- 3) 10:45 – 12:15 P.M. Draft Final Regulatory Guide 5.71, "Cyber Security Programs for Nuclear Facilities" (Open/Closed) (GEA/CEA)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff regarding draft final Regulatory Guide 5.71, "Cyber Security Programs for Nuclear Facilities," NRC staff's resolution of public comments, and related matters.

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

**[NOTE: A portion of this session may be closed to discuss and protect information classified as National Security Information as well as Safeguards Information pursuant to 5 U.S.C. 552b (c) (1) and (3).]**

**12:15 – 1:15 P.M. \*\*\* LUNCH \*\*\***

- 4) 1:15 – 3:15 P.M. Overview of the Advanced Boiling Water Reactor (ABWR) Design as Applied to the South Texas Project (STP) Combined License Application (COLA) (Open/Closed) (SAK/MB)
- 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff and the STP Nuclear Operating Company regarding an overview of the ABWR design as it applies to the STP COLA and related matters.

Members of the public may provide their views, as appropriate.

**[NOTE: A portion of this session may be closed to discuss and protect information classified as National Security Information as well as Safeguards Information pursuant to 5 U.S.C. 552b (c) (1) and (3).]**

**3:15 – 3:30 P.M. \*\*\* BREAK \*\*\***

- 5) 3:30 – 5:30 P.M. NRC Staff's Plan for the STP COLA Review (Open) (SAK/MB)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Briefing by and discussions with representatives of the NRC staff regarding staff's Plan for reviewing the STP COLA and related matters.

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

**5:30 – 5:45 P.M. \*\*\* BREAK \*\*\***

- 6) 5:45 – 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 6.1) Amendments to the AP1000 DCD (HBR/MPL)
  - 6.2) Draft Final Regulatory Guide 5.71, "Cyber Security Programs for Nuclear Facilities" (GEA/CEA)

**FRIDAY, NOVEMBER 6, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/EMH)
- 8) 8:35 – 10:00 A.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (MVB/EMH)
- 8.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings.

- 8.2) 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 session 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 ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]**

- 9) 10:00 – 10:15 A.M. Reconciliation of ACRS Comments and Recommendations (Open) (MVB/CS/AFD)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 10:15 – 10:30 A.M. \*\*\* BREAK \*\*\***
- 10) 10:30 – 12:00 P.M. Preparation for Meeting with the Commission on December 4, 2009 (Open) (MVB, et al. /EMH, et al.)  
Discussion of the topics for meeting with the Commission on December 4, 2009.
- 12:00 – 1:00 P.M. \*\*\* LUNCH \*\*\***
- 11) 1:00 – 3:30 P.M. Draft ACRS Report on the NRC Safety Research Program (Open) (DAP, et al./HPN, et al.)  
11.1) Remarks by the Subcommittee Chairman  
11.2) Discussion of a draft ACRS report on the NRC Safety Research Program
- 3:30 – 3:45 P.M. \*\*\* BREAK \*\*\***
- 12) 3:45 – 4:45 P.M. Significant Operating Experience (Open) (JDS/KDW)  
12.1) Remarks by the Subcommittee Chairman  
12.2) Briefing by and discussion with the Chairman of the ACRS Subcommittee on Plant Operations and Fire Protection regarding significant operating events, insights gained from these events, and any follow-up actions by the Subcommittee and/or the Full Committee.
- 13) 4:45 – 5:15 P.M. Subcommittee Reports (Open)  
13.1) Report by and discussions with the Chairman of the ESBWR Subcommittee regarding Resolution of Open Items Associated with the Review of the ESBWR Design Certification that were discussed during the meeting on October 20-22, 2009. (MLC/CLB/KDW)

- 13.2) Report by and discussions with the Chairman of the EPR Subcommittee regarding Evolutionary Power Reactor (EPR) Design Certification Application Review that was discussed during the meeting on November 3, 2009. (DAP/DAW)
- 13.3) Report by and discussions with the Chairman of the Radiation Protection and Nuclear Materials Subcommittee regarding proposed changes to NUREG-1520, "Standard Review Plan for Review of a License Application for a Fuel Cycle Facility," that was discussed during the meeting on November 4, 2009. (MTR/JHF)

**5:15 – 5:30 P.M.      \*\*\* BREAK \*\*\***

- 14)    5:30 – 7:00 P.M      Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:  
14.1)    Amendments to the AP1000 DCD (HBR/MPL)  
14.2)    Draft Final Regulatory Guide 5.71, "Cyber Security Programs for Nuclear Facilities" (GEA/CEA)

**SATURDAY, NOVEMBER 7, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 15)    8:30 – 10:00 A.M.      Preparation of ACRS Reports (Open)  
Continue discussion of the proposed ACRS reports listed under Item 14.

**10:00 – 10:15 A.M.      \*\*\* BREAK \*\*\***

- 16)    10:15 – 1:00 P.M.      Process for ACRS Review of Amendments to the DCD of Previously Certified Reactor Designs (Open) (MVB/CS)  
16.1)    Remarks by the ACRS Chairman  
16.2)    Discussion of potential enhancements to the current ACRS process for reviewing amendments to the DCDs related to previously certified reactor designs.

- 17)    1:00 – 1:30 P.M.      Miscellaneous (Open) (MVB/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:**

- During the days of the meeting, phone number 301-415-7360 should be used in order to access 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.

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