



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

**November 13, 2008**

**AGENDA  
558<sup>th</sup> ACRS MEETING  
DECEMBER 4-6, 2008**

**THURSDAY, DECEMBER 4, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT  
NORTH, ROCKVILLE, MARYLAND**

- 1) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
  - 1.1) Opening statement
  - 1.2) Items of current interest
  
- 2) 8:35 – 10:00 A.M. Chapters 7 and 14 of the SER Associated with the Economic Simplified Boiling Water Reactor (ESBWR) Design Certification Application (Open/Closed) (MLC/HJV)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff and General Electric - Hitachi Nuclear Energy (GEH) regarding Chapters 7 and 14 of the NRC staff's Safety Evaluation Report (SER) With Open Items associated with the ESBWR design certification application.

**[NOTE: A portion of this session may be closed to protect information that is proprietary to GEH or its contractors pursuant to 5 U.S.C. 552b (c)(4)]**

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

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

- 3) 10:15 – 12:00 P.M. Early Site Permit Application and the Final SER for the Vogtle Nuclear Plant (Open) (DAP/DAW)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff and Southern Nuclear Operating Company (SNC) regarding the Early site permit application and the NRC staff's final SER for the Vogtle Nuclear Plant.

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

**12:00 – 1:00 P.M. \*\*\* LUNCH \*\*\***

- 4) 1:00 – 2:30 P.M. Status of Staff Activities Associated with Potential Revision to 10 CFR 50.46 (b) (Open) (JSA/CLB)  
4.1) Remarks by the Subcommittee Chairman  
4.2) Briefing by and discussions with representatives of the NRC staff regarding the status of staff activities associated with potential revision to 10 CFR 50.46 (b).

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

**2:30 – 2:45 P.M. \*\*\* BREAK**

- 5) 2:45 – 4:15 P.M. NRC Staff's Initial White Paper on Containment Overpressure Credit Issue (Open) (MVB/ZA)  
5.1) Remarks by the Subcommittee Chairman  
5.2) Briefing by and discussions with representatives of the NRC staff regarding the initial White Paper on the use of Containment Accident Pressure in Determining the Available Net Positive Suction Head of Emergency Core Cooling and Containment Heat Removal Pumps, and related matters.

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

- 6) 4:15 – 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:  
6.1) Chapters 7 and 14 of the SER Associated with the ESBWR Design Certification Application (MLC/HJV)  
6.2) Early Site Permit Application and Final SER for the Vogtle Nuclear Plant (DAP/DAW).

**FRIDAY, DECEMBER 5, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/AFD/SD)  
8) 8:35 – 10:00 A.M. Overview of the Human Reliability Analysis (HRA) Research Activities (Open) (GEA/HPN)  
Briefing by and discussions with representatives of the NRC staff regarding HRA research activities.

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

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

- 9) 10:15 – 12:00 P.M. Draft Policy Statement on Defense-in-Depth for Future Nuclear Reactors (Open) (WJS/MB)  
Briefing by and discussions with representatives of the NRC staff regarding draft Policy Statement on Defense-in-Depth for Future Nuclear Reactors.
- Representatives of the nuclear industry and members of the public may provide their views, as appropriate.
- 12:00 – 1:30 P.M. \*\*\* LUNCH \*\*\***
- 10) 1:30 – 2:30 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (WJS/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 ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy]**
- 11) 2:30 – 2:45 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (WJS/CS/AFD)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 12) 2:45 – 3:00 P.M. Election of ACRS Officers for CY 2009 (Open) (EMH/SD)  
Election of the Chairman and Vice-Chairman for the ACRS and Member-at-Large for the Planning and Procedures Subcommittee for CY 2009.
- 3:00 – 3:15 P.M. \*\*\* BREAK \*\*\***
- 13) 3:15 – 7:00 P.M. Preparation of ACRS Reports (Open)  
Continue discussion of the proposed ACRS reports listed under Item 6.

**SATURDAY, DECEMBER 6, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT  
NORTH, ROCKVILLE, MARYLAND**

14) 8:30 – 12:30 P.M. Preparation of ACRS Reports (Open)

**(10:30-10:45 A.M. BREAK)** Continue discussion of the proposed ACRS reports listed under Item 6.

15) 12:30 – 1:00 P.M. Miscellaneous (Open) (WJS/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.