

October 16, 2007

**SCHEDULE AND OUTLINE FOR DISCUSSION  
547<sup>th</sup> ACRS MEETING  
NOVEMBER 1-3, 2007**

**THURSDAY, NOVEMBER 1, 2007, 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 - 10:30 A.M. Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (Open/Closed) (SB/ZA)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff and the Pennsylvania Power & Light Company regarding the Extended Power Uprate Application for the Susquehanna Nuclear Power Plant, and the associated NRC staff's Safety Evaluation.

**[Note: A portion of this session may be closed to protect information that is proprietary to General Electric, AREVA, and their contractors pursuant to 5 U.S.C. 552b (c) (4).]**

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

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

- 3) 10:45 - 11:45 A.M. Meeting with Commissioner Peter B. Lyons (Open) (WJS/GSS)
  - 3.1) Remarks by the ACRS Chairman
  - 3.2) Discussions with Commissioner Lyons on items of mutual interest.

**11:45 - 12:45 P.M. \*\*\*LUNCH\*\*\***

- 4) 12:45 - 2:45 P.M. Vogtle Early Site Permit (ESP) Application (Open) (DAP/DCF)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff and Southern Nuclear Operating Company regarding Vogtle ESP application, and the associated NRC staff's Safety Evaluation Report with Open Items.

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

- 2:45 - 3:00 P.M.      **\*\*\*BREAK\*\*\***
- 5)    3:00 - 4:00 P.M.      Staff's Implementation of the Lessons Learned from the Review of ESP Applications (Open) (DAP/DCF)
- 5.1)    Remarks by the Subcommittee Chairman
- 5.2)    Briefing by and discussions with representatives of the NRC staff regarding the effectiveness and efficiency of the staff's implementation of the lessons learned from the review of ESP applications.
- Representatives of the nuclear industry and members of the public may provide their views, as appropriate.
- 4:00 - 4:15 P.M.      **\*\*\*BREAK\*\*\***
- 6)    4:15 - 6:15 P.M.      Assessment of the Robustness of New Nuclear Plants (**Closed**) (**Room T-10E8**) (MVB/MB)
- 6.1)    Remarks by the Subcommittee chairman
- 6.2)    Briefing by and discussions with representatives of the NRC staff regarding the assessment of the robustness of new nuclear plants.
- [Note: This session will be closed to protect information classified as National Security information as well as safeguards information pursuant to 5 U.S.C. 552b (c) (1) and (3).]**
- 6:15 - 6:30 P.M.      **\*\*\*BREAK\*\*\***
- 7)    6:30 - 7:15 P.M.      Preparation of ACRS Reports (Open)
- Discussion of proposed ACRS reports on:
- 7.1)    Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (SB/ZA)
- 7.2)    Vogtle Early Site Permit Application (DAP/DCF)
- 7.3)    Staff's Implementation of Lessons Learned from the Review of ESP Applications (DAP/DCF)

**FRIDAY, NOVEMBER 2, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 8)    8:30 - 8:35 A.M.      Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
- 9)    8:35 - 10:30 A.M.      Selected Chapters of the SER Associated with the ESBWR Design Certification (Open/Closed) (MLC/CGH)
- 9.1)    Remarks by the Subcommittee Chairman
- 9.2)    Briefing by and discussions with representatives of the NRC staff and General Electric regarding selected chapters of the SER With Open Items associated with the ESBWR design certification.

**[Note: A portion of this session may be closed to protect information that is proprietary to General Electric and their contractors pursuant to 5 U.S.C. 552b ( c) (4).]**

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

- 10:30 - 10:45 A.M.      \*\*\*BREAK\*\*\***
- 10)    10:45 - 11:30 A.M.    Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (WJS/FPG/SD)
- 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.
- 11)    11:30 - 11:45 A.M.    Reconciliation of ACRS Comments and Recommendations (Open) (WJS, et al./SD, et al.)
- Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 11:45 - 1:00 P.M.      \*\*\*LUNCH\*\*\***
- 12)    1:00 - 3:00 P.M.      Draft ACRS Report on the NRC Safety Research Program (Open) (DAP/HPN)
- 12.1) Remarks by the Subcommittee Chairman
- 12.2) Discussion of the draft ACRS report on the NRC Safety Research Program
- 3:00 - 3:15 P.M.      \*\*\*BREAK\*\*\***
- 13)    3:15 - 7:00 P.M.      Preparation of ACRS Reports (Open)
- Discussion of proposed ACRS reports on:
- 13.1) Extended Power Uprate Application for the Susquehanna Nuclear Power Plant (SB/ZA)
- 13.2) Vogtle Early Site Permit (ESP) Application (DAP/DCF)
- 13.3) Staff's Implementation of lessons learned from the Review of ESP Applications (DAP/DCF)
- 13.4) Selected Chapters of the SER Associated with the ESBWR Design Certification (MLC/CGH)

**SATURDAY, NOVEMBER 3, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT  
NORTH, ROCKVILLE, MARYLAND**

- 14) 8:30 - 1:30 P.M. Preparation of ACRS Reports (Open)  
**(10:30-10:45 A.M. BREAK)** Continue discussion of proposed ACRS reports listed under Item 13, as well as the draft ACRS report on the NRC Safety Research Program.
- 15) 1:30 - 2:00 P.M. Miscellaneous (Open) (WJS/FPG)  
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

**NOTE:**

Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.

Thirty-Five (35) hard copies and (1) electronic copy of the presentation materials should be provided to the ACRS.

