

January 13, 2004

**SCHEDULE AND OUTLINE FOR DISCUSSION  
509<sup>th</sup> ACRS MEETING  
FEBRUARY 5-7, 2004**

**THURSDAY, FEBRUARY 5, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open)
  - 1.1) Opening Statement (MVB/JTL/SD)
  - 1.2) Items of current interest (MVB/SD)
- 2) 8:35 - 10:30 A.M. ESBWR Design - Thermal-Hydraulic Issues (Open/Closed) (GBW/RC)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff on the use of the TRAC-G computer code to perform analyses of the Economic Simplified Boiling Water Reactor (ESBWR) design.

[NOTE: A portion of this session may be closed to discuss General Electric proprietary information applicable to this matter.]

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

- 3) 10:45 - 11:45 A.M. South Texas Project Cause Investigation of the Reactor Vessel Bottom Mounted Penetration Leakage (Open) (JDS/MWW)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff regarding the South Texas Project investigation of the cause of the leakage from reactor vessel bottom mounted penetration.

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

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

- 4) 12:45 - 2:45 P.M. Resolution of Certain Items Identified by the ACRS in NUREG-1740 Related to the Differing Professional Opinion (DPO) on Steam Generator Tube Integrity (Open) (FPF/GBW/BPJ)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the staff's resolution of certain items identified by the ACRS in NUREG-1740, "Voltage-Based Alternative Repair Criteria," related to the DPO on steam generator tube integrity, as well as the status of resolution of the remaining items.

**2:45 - 3:00 P.M. \*\*\*BREAK\*\*\***

- 5) 3:00 - 4:00 P.M. Evaluation of the Effectiveness (Quality) of the NRC Safety Research Programs (Open) (DAP/SD/HPN)  
Discussion of a proposed approach for the ACRS evaluation of the effectiveness (quality) of the NRC Safety Research Programs.  
  
Representatives of the NRC staff may participate, as appropriate.
- 6) 4:00 - 7:00 P.M. Preparation of ACRS Reports (Open)  
6.1) ESBWR Design - Thermal-Hydraulic Issues (GBW/RC)  
6.2) Resolution of Certain Items Identified in NUREG-1740 Related to DPO on Steam Generator Tube Integrity (FPF/GBW/BPJ)  
6.3) NRC Safety Research Program Report (DAP/SD/HPN)

**FRIDAY, FEBRUARY 6, 2004, 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/JTL/SD)
- 8) 8:35 - 12:30 P.M. ACRS Report on the NRC Safety Research Program (Open) (DAP/SD/HPN)  
8.1) Remarks by the Subcommittee Chairman  
8.2) Discussion of the draft ACRS report to the Commission on the NRC Safety Research Program.
- 12:30 - 1:30 P.M. \*\*\*LUNCH\*\*\***
- 9) 1:30 - 2:00 P.M. Subcommittee Report - ACR-700 Design (Open) (TSK/MME)  
Report by and discussions with the Chairman of the ACRS Subcommittee on Future Plant Designs regarding the Subcommittee's review of the design features of the ACR-700 design and related matters.
- 10) 2:00 - 3:00 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (MVB/JTL/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) 3:00 - 3:15 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (MVB, 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.
- 3:15 - 3:30 P.M. \*\*\*BREAK\*\*\***
- 12) 3:30 - 7:00 P.M. Preparation of ACRS Reports (Open)

Discussion of the proposed ACRS reports on:

- 12.1) ESBWR Design - Thermal-Hydraulic Issues (GBW/RC)
- 12.2) Resolution of Certain Items Identified in NUREG-1740  
Related to DPO on Steam Generator Tube Integrity  
(FPF/GBW/BPJ)
- 12.3) NRC Safety Research Program Report (DAP/SD/HPN)

**SATURDAY, FEBRUARY 7, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

- 13) 8:30 - 12:00 Noon Preparation of ACRS Reports (Open)  
The Committee will continue discussion of the proposed ACRS reports listed under Item 12.
- 14) 12:00 - 12:30 P.M. Miscellaneous (Open) (MVB/JTL)  
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) copies of the presentation materials should be provided to the ACRS.**

ACRS  
HJL/bjw  
01/ /04

ACRS  
SD/bjw  
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ACRS  
SB  
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