



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

August 2, 2005

SCHEDULE AND OUTLINE FOR DISCUSSION  
525<sup>th</sup> ACRS MEETING  
SEPTEMBER 8-10, 2005

**THURSDAY, SEPTEMBER 8, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT  
NORTH, ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (GBW/JTL/SD)
  - 1.1) Opening statement
  - 1.2) Items of current interest
  
- 2) 8:35 - 9:45 A.M. Final Review of the License Renewal Application for Millstone Power Station, Units 2 and 3 (Open) (JDS/JGL/CS)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the Dominion Nuclear Connecticut, Inc. and the NRC staff regarding the license renewal application for Millstone Power Station, Units 2 and 3 and the associated Final Safety Evaluation Report prepared by the NRC staff.

**9:45 - 10:00 A.M. \*\*\*BREAK\*\*\***

- 3) 10:00 - 12:00 Noon Interim Review of the Exelon/Clinton Early Site Permit Application (Open) (DAP/MME)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the Exelon Generation Company, LLC and the NRC staff regarding the Clinton early site permit application and the associated Draft Safety Evaluation Report prepared by the NRC staff.

**12:00 - 1:30 P.M. \*\*\*LUNCH\*\*\***

- 4) 1:30 - 3:30 P.M. Proposed Revision 4 to Regulatory Guide 1.82, "Water Sources for Long-Term Recirculation Cooling Following a Loss-of-Coolant Accident" (Open) (VHR/GBW/RC)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding proposed Revision 4 to Regulatory Guide 1.82 and the supporting Standard Review Plan, Section 6.2.2, "Containment Heat Removal Systems," related to emergency core cooling system net positive suction head (NPSH) and the use of containment overpressure credit in calculating NPSH.

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

**3:30 - 3:45 P.M. \*\*\*BREAK\*\*\***

- 5) 3:45 - 5:45 P.M. Possible Alternative Embrittlement Criteria to Those in 10 CFR 50.46 (Open) (DAP/RC)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Briefing by and discussions with representatives of the NRC staff, Electric Power Research Institute, and Framatome regarding possible alternative embrittlement criteria to those in 10 CFR 50.46, "Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors," and related matters.

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

**5:45 - 6:00 P.M. \*\*\*BREAK\*\*\***

- 6) 6:00 - 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 6.1) Final Review of the License Renewal Application for Millstone Power Station, Units 2 and 3 (JDS/JGL/CS)
  - 6.2) Interim Review of the Exelon/Clinton Early Site Permit Application (DAP/MME)
  - 6.3) Proposed Revision 4 to Regulatory Guide 1.82, "Water Sources for Long-Term Recirculation Cooling Following a Loss-of-Coolant Accident" (VHR/GBW/RC)
  - 6.4) Possible Alternative Embrittlement Criteria in 10 CFR 50.46 (DAP/RC)
  - 6.5) Policy Issues Related to New Plant Licensing (TSK/MME)

**FRIDAY, SEPTEMBER 9, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (GBW/JTL/SD)
- 8) 8:35 - 9:45 A.M. Draft Final Updates to License Renewal Guidance Documents (Open) (MVB/CS)
- 8.1) Remarks by the Subcommittee Chairman
  - 8.2) Briefing by and discussions with representatives of the NRC staff regarding draft final updates to NUREG-1800, Revision 1, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants," NUREG-1801, Revision 1, "Generic Aging Lessons Learned (GALL) Report," Regulatory Guide 1.188, Revision 1 "Standard Format and Content for Applications to Renew Nuclear Power Plant Operating Licenses," and NEI 95-10,

Revision 6, "Industry Guideline for Implementing the Requirements of 10 CFR Part 54 - The License Renewal Rule," which is endorsed by Regulatory Guide 1.188, Revision 1.

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

**9:45 - 10:00 A.M. \*\*\*BREAK\*\*\***

- 9) 10:00 -12:00 Noon Meeting with the EDO, Deputy EDOs, and NRC Program Office Directors (Open) (GBW/JTL/MLS)
- 9.1) Remarks by the ACRS Chairman
  - 9.2) Briefing by and discussions with the NRC Executive Director for Operations (EDO), Deputy EDOs, and Office Directors of Nuclear Reactor Regulation, Nuclear Regulatory Research, and Nuclear Material Safety and Safeguards regarding items of mutual interest.

**12:00 - 1:30 P.M. \*\*\*LUNCH\*\*\***

- 10) 1:30 - 2:30 P.M. Interim Results of the Quality Assessment of Selected NRC Research Projects (Open) (DAP/GEA/JDS/GBW/EAT/CS/RC)  
Discussion of the interim results of the cognizant ACRS panel's quality assessment of the NRC research projects on: Standardized Plant Analysis Risk (SPAR) Models Development Program; Steam Generator Tube Integrity Program at the Argonne National Laboratory; and the Thermal- Hydraulic Test Program at the Penn State University.
- 11) 2:30 - 3:15 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (GBW/JTL/SD)
- 11.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.
  - 11.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.
- 12) 3:15 - 3:30 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (GBW, 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.

**3:30 - 3:45 P.M. \*\*\*BREAK\*\*\***

- 13) 3:45 - 7:00 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 13.1) Final Review of the License Renewal Application for Millstone Power Station, Units 2 and 3 (JDS/JGL/CS)
  - 13.2) Interim Review of the Exelon/Clinton Early Site Permit Application (DAP/MME)
  - 13.3) Proposed Revision 4 to Regulatory Guide 1.82, "Water Sources for Long-Term Recirculation Cooling Following a Loss-of-Coolant Accident" (VHR/GBW/RC)
  - 13.4) Possible Alternative Embrittlement Criteria in 10 CFR 50.46 (DAP/RC)
  - 13.5) Policy Issues Related to New Plant Licensing (TSK/MME)
  - 13.6) Draft Final Updates to License Renewal Guidance Documents (MVB/CS)

**SATURDAY, SEPTEMBER 10, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 14) 8:30 - 3:00 P.M. Preparation of ACRS Reports (Open)  
Continue discussion of the proposed ACRS reports listed under Item 13.
- 15) 3:00 - 3:30 P.M. Miscellaneous (Open) (GBW/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.

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**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.**