



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

January 25, 2006

**REVISED**  
**SCHEDULE AND OUTLINE FOR DISCUSSION**  
**529th ACRS MEETING**  
**FEBRUARY 9-11, 2006**

**THURSDAY, FEBRUARY 9, 2006, 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 - 10:00 A.M. Evaluation of Human Reliability Analysis (HRA) Methods Against Good Practices (Open) (GEA/EAT)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff regarding the draft NUREG report on the Evaluation of HRA Methods Against Good Practices specified in NUREG-1792, "Good Practices for Implementing Human Reliability Analysis."

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

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

- 3) 10:15 - 11:45 A.M. Proposed Revisions to SRP Section 14.2.1, "Generic Guidelines for Extended Power Uprate Testing Programs" (Open) (RSD/JGL)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff regarding proposed revisions to the Standard Review Plan (SRP) Section 14.2.1, "Generic Guidelines for Extended Power Uprate Testing Programs," and related matters.

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

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

- 4) 12:45 - 2:15 P.M. FERRET Reactor Vessel Fluence Methodology (Open) (RSD/CS)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the FERRET methodology which is used to predict the fluence on the reactor vessel wall due to neutron leakage from the core.

Representatives of the Westinghouse Electric Corporation may participate, as appropriate.

- 2:15 - 2:30 P.M.      \*\*\*BREAK\*\*\***
- 5)      2:30 - 5:00 P.M.      Draft ACRS Report on the NRC Safety Research Program (Open)  
(DAP/HPN/SD)  
Discussion of the draft ACRS report to the Commission on the  
NRC Safety Research Program.
- 5:00 - 5:15 P.M.      \*\*\*BREAK\*\*\***
- 6)      5:15 - 6:45 P.M.      Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:  
6.1)      Evaluation of Human Reliability Analysis Methods Against  
Good Practices (GEA/EAT)  
6.2)      Proposed Revisions to SRP Section 14.2.1 (RSD/JGL)  
6.3)      Response to the Commission SRM dated December 20,  
2005 regarding ACRS plans to manage the anticipated  
increased workload in the areas of advanced reactor  
designs and combined license applications (TSK/JHF)

**FRIDAY, FEBRUARY 10, 2006, 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 - 9:30 A.M.      Subcommittee Reports (Open)  
8.1)      Report by and discussions with the Chairman of the ACRS  
Subcommittee on Plant License Renewal regarding interim  
review of the Brunswick Nuclear Plant license renewal  
application and the associated NRC staff's draft Safety  
Evaluation Report (JDS/JGL).  
8.2)      Report by and discussions with the Chairman of the ACRS  
Subcommittee on Human Factors regarding the Safety  
Conscious Work Environment and Safety Culture  
(MVB/JHF).  
8.3)      Report by and discussions with the Chairman of the ACRS  
Subcommittee on Thermal-Hydraulic Phenomena  
regarding proposed Revision 4 to Regulatory Guide 1.82,  
"Water Sources for Long-Term Recirculation Cooling  
Following a Loss-of-Coolant Accident" (GBW/RC).  
8.4)      Report by and discussions with the Chairman of the ACRS  
Subcommittee on Regulatory Policies and Practices  
regarding the draft Regulatory Guide, "An Approach for  
Risk-Informed Changes to Loss-of-Coolant Accident  
Technical Requirements" (WJS/MRS).

	<b>9:30 - 9:45 A.M.</b>	<b>***BREAK***</b>
9)	9:45 - 12:15 P.M. <b>(11:00-11:15 A.M. BREAK)</b>	<u>Draft ACRS Report on the NRC Safety Research Program</u> (Open) (DAP/HPN/SD) Discussion of the draft ACRS report to the Commission on the NRC Safety Research Program.
	<b>12:15 - 1:15 P.M.</b>	<b>***LUNCH***</b>
10)	1:15 - 2:15 P.M.	<u>Future ACRS Activities/Report of the Planning and Procedures Subcommittee</u> (Open) (GBW/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)	2:15 - 2:30 P.M.	<u>Reconciliation of ACRS Comments and Recommendations</u> (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.
	<b>2:30 - 2:45 P.M.</b>	<b>***BREAK***</b>
12)	2:45 - 7:00 P.M.	<u>Preparation of ACRS Reports</u> (Open) Discussion of proposed ACRS reports on: 12.1) Evaluation of Human Reliability Analysis Methods Against Good Practices (GEA/EAT) 12.2) Proposed Revisions to SRP Section 14.2.1 (RSD/JGL) 12.3) Response to the Commission SRM dated December 20, 2005 regarding ACRS plans to manage the anticipated increased workload in the areas of advanced reactor designs and combined license applications (TSK/JHF)

**SATURDAY, FEBRUARY 11, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT  
NORTH, ROCKVILLE, MARYLAND**

- 13) 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 12, and the draft ACRS report on the NRC Safety Research Program as needed.
- 14) 12:30 - 1:00 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.**