

June 18, 2002

**SCHEDULE AND OUTLINE FOR DISCUSSION
494thACRS MEETING
JULY 10-12, 2002**

**WEDNESDAY, JULY 10, 2002, CONFERENCE ROOM 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 (GEA/JTL/SD)
 - 1.2) Items of current interest (GEA/SD)

- 2) 8:35 - 10:00 A.M. Pressurized Thermal Shock (PTS) Reevaluation Project: Risk Acceptance Criteria (Open) (TSK/FPF/MWW)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the NRC staff regarding the risk metrics and associated criteria that can be used in reevaluating the technical basis of the PTS rule.

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

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

- 3) 10:15 - 11:15 A.M. Draft Final Revision 1 to Regulatory Guide 1.174, "An Approach to Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant-Specific Changes to the Licensing Basis," and Associated Standard Review Plan Chapter 19 (Open) (GEA/AWC/PAB)
 - 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the NRC staff regarding the draft final revision 1 to Regulatory Guide 1.174 and the associated Standard Review Plan Chapter 19, "Use of Probabilistic Risk Assessment in Plant-Specific, Risk-Informed Decisionmaking: General Guidance."

- 4) 11:15 - 12:45 P.M. Discussion of Topics for Meeting with the NRC Commissioners (Open) (GEA, et al./JTL, et al.)

Discussion of topics for meeting with the NRC Commissioners on July 10, 2002.

- 12:45 - 2:00 P.M. ***LUNCH*****

- 5) 2:00 - 4:00 P.M. Meeting with the NRC Commissioners (Open) (GEA, et al/ JTL, et al.)

The Committee will meet with the NRC Commissioners, Commissioners' Conference Room, One White Flint North, to discuss the following:

 - Overview (GEA)
 - Core Power Upgrades and License Renewals
 - Future Committee Activities

- Advanced Reactors (TSK)
- Risk-Informing Special Treatment Requirements of 10 CFR Part 50 (GEA)
- Pressurized Thermal Shock Technical Basis Reevaluation Project (FPF)

4:00 - 4:15 P.M.

*****BREAK*****

- 6) 4:15 - 5:15 P.M. Risk-Informed Regulation Implementation Plan (Open)
(GEA/AWC/HJL)
- 6.1) Remarks by the Subcommittee Chairman
 - 6.2) Briefing by and discussions with representatives of the NRC staff regarding the updated version of the Risk-Informed Regulation Implementation Plan.

5:15 - 5:30 P.M.

*****BREAK*****

- 7) 5:30 - 7:15 P.M. Proposed ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 7.1) PTS Reevaluation Project: Risk Acceptance Criteria (TSK/FPF/MWW)
 - 7.2) Draft Final Revision 1 to Regulatory Guide 1.174 and SRP Chapter 19 (GEA/AWC/PAB)
 - 7.3) Risk-Informed Regulation Implementation Plan (GEA/AWC/HJL)

THURSDAY, JULY 11, 2002, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 8) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (GEA/JTL/SD)
- 9) 8:35 - 10:00 A.M. Advanced Reactors Research Plan (Open) (TSK/MME)
- 9.1) Remarks by the Subcommittee Chairman
 - 9.2) Briefing by and discussions with representatives of the NRC staff regarding the modifications and updates to the Advanced Reactors Research Plan.

10:00 - 10:15 A.M.

*****BREAK*****

- 10) 10:15 - 12:00 Noon Overview of NRC Research Activities in the Seismic Area (Open)
(DAP/TJK/SD)
- 10.1) Remarks by the Subcommittee Chairman
 - 10.2) Briefing by and discussions with representatives of the NRC staff regarding ongoing and proposed research activities as well as new research needs in the seismic area.

12:00 - 1:00 P.M.

*****LUNCH*****

- 11) 1:00 - 2:30 P.M. Development of Review Standard for Reviewing Core Power Upgrade Applications (Open) (GBW/JDS/PAB)

- 11.1) Remarks by the Subcommittee Chairman
- 11.2) Briefing by and discussions with representatives of the NRC staff regarding the development of a "Review Standard" for use in future reviews of core power uprate applications.

2:30 - 2:45 P.M. *BREAK*****

- 12) 2:45 - 6:00 P.M. Proposed ACRS Reports (Open)
 Discussion of proposed ACRS reports on:
- 12.1) PTS Reevaluation Project: Risk Acceptance Criteria (TSK/FPF/MWW)
 - 12.2) Draft Final Revision 1 to Regulatory Guide 1.174 and SRP Chapter 19 (GEA/AWC/PAB)
 - 12.3) Risk-Informed Regulation Implementation Plan (GEA/AWC/HJL)
 - 12.4) Advanced Reactors Research Plan (TSK/MME)
 - 12.5) Development of Review Standard for Reviewing Core Power Uprate Applications (Tentative) (GBW/JDS/PAB)

FRIDAY, JULY 12, 2002, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 13) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (GEA/JTL/SD)
- 14) 8:35 - 10:15 A.M. Application of the Probabilistic Fracture Mechanics Methodologies to Reactor Vessel Integrity Assessment (Open) (FPF/AWC/MME)
- 14.1) Remarks by the Subcommittee Chairman
 - 14.2) Briefing by and discussions with representatives of the NRC staff regarding application of the probabilistic fracture mechanics methodologies (including the FAVOR computer code) to assess reactor pressure vessel integrity.

10:15 - 10:30 A.M. *BREAK*****

- 15) 10:30 - 2:30 P.M. Proposed ACRS Reports (Open)
(12:00 - 1:00 P.M. LUNCH) Continue discussion of proposed ACRS reports listed under Item 12.

2:30 - 2:45 P.M. *BREAK*****

- 16) 2:45 - 3:30 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (GEA/JTL/SD)
- 16.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.
 - 16.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, and organizational and personnel matters relating to the ACRS.

- 17) 3:30 - 3:45 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (GEA, 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.
- 18) 3:45 - 4:45 P.M. Format and Content of the 2003 ACRS Report on the NRC Safety Research Program (Open) (FPF/RPS)
18.1) Remarks by the Subcommittee Chairman
18.2) Discussion of the format, content, schedule, and assignments for the 2003 ACRS report to the Commission on the NRC Safety Research Program.
- 4:45 - 5:00 P.M. *****BREAK*****
- 19) 5:00 - 6:00 P.M. Proposed Papers for the Quadripartite Meeting (Open)) (GEA, et al./JTL, et al.)
Discussion of proposed papers on the following:
19.1) Safety Culture and Safety Management (MVB/DAP)
19.2) Risk-Informed Regulation (GEA/TSK)
19.3) Thermal-Hydraulic Analysis and Code Issues (GBW/VHR)
19.4) Stress Corrosion Cracks in Pressure Retaining Components in Nuclear Power Plants (FPF/WJS)
19.5) Risk Analysis of Spent Fuel Storage (TSK/DAP)
- 20) 6:00 - 6:30 P.M. Miscellaneous (Open) (GEA/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
6/ /02

ACRS
SD/bjw
6/ /02

ACRS
JMG
6/ /02

ACRS
SB
6/ /02

Filed: CM-180