

May 9, 2002

**SCHEDULE AND OUTLINE FOR DISCUSSION
493RD ACRS MEETING
JUNE 6-8, 2002**

**THURSDAY, JUNE 6, 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 - 10:30 A.M. CRDM Cracking of Vessel Head Penetrations and Vessel Head Degradation (Open) (FPF/MWW)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the NRC staff regarding issues related to the investigation of circumferential cracks in PWR control rod drive mechanism (CRDM) penetration nozzles and weldments, and reactor pressure vessel head degradation at the Davis-Besse Nuclear Power Plant.

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

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

- 3) 10:45 - 12:15 P.M. Technical Assessment Generic Safety Issue (GSI)-189, "Susceptibility of Ice Condenser and Mark III Containments to Early Failure from Hydrogen Combustion During a Severe Accident" (Open) (TSK/RBE/SD)
 - 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the NRC staff regarding its technical basis and proposed recommendations for resolving GSI-189.

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

12:15 - 1:15 P.M. *LUNCH*****

- 4) 1:15 - 2:15 P.M. Technical Assessment of GSI-168, Environmental Qualification of Low-Voltage Instrumentation and Control Cables (Open) (GML/TJK/SD)
 - 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the NRC staff regarding its technical basis and proposed recommendations for resolving GSI-168.

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

- 5) 2:15 - 3:30 P.M. Development of Reliability/Availability Performance Indicators and Industry Trends (Open) (MVB/AWC/MWW)
- 5.1) Remarks by the Subcommittee Chairman
 - 5.2) Briefing by and discussions with representatives of the NRC staff regarding the staff's initiatives to integrate the NRC programs for risk-based analysis of reactor operating experience into the reactor oversight process, specifically the development of reliability/availability performance indicators and industry trends.
- Representatives of the nuclear industry may provide their views, as appropriate.
- 3:30 - 3:45 P.M. ***BREAK*****
- 6) 3:45 - 4:45 P.M. Technical and Policy Issues Related to Advanced Reactors (Open) (TSK/MME)
- 6.1) Remarks by the Subcommittee Chairman
 - 6.2) Briefing by and discussions with representatives of the NRC staff regarding technical and policy issues related to advanced reactors.
- 4:45 - 5:00 P.M. ***BREAK*****
- 7) 5:00 - 7:15 P.M. Proposed ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 7.1) CRDM Cracking of Vessel Head Penetrations and Vessel Head Degradation (FPF/MWW)
 - 7.2) Technical Assessment of GSI-189, "Susceptibility of Ice Condenser and Mark III Containments to Early Failure from Hydrogen Combustion During a Severe Accident" (TSK/RBE/SD)
 - 7.3) Technical Assessment of Generic Safety Issue-168, "Environmental Qualification of Low-Voltage I&C Cables" (GML/TJK/SD)
 - 7.4) Development of Reliability/Availability Performance Indicators and Industry Trends (MVB/AWC/MWW)
 - 7.5) Confirmatory Research Program on High Burnup Fuel (Tentative) (TSK/TJK/MME)
 - 7.6) Technical and Policy Issues Related to Advanced Reactors (Tentative) (TSK/MME)

FRIDAY, JUNE 7, 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. Proposed Rulemaking to Endorse National Fire Protection Association (NFPA) 805, "Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants" (Open) (SLR/RBE/SD)
- 9.1) Remarks by the Subcommittee Chairman
- 9.2) Briefing by and discussions with representatives of the NRC staff and the Nuclear Energy Institute regarding the proposed rulemaking to endorse NFPA 805 fire protection standard, and related matters.
- 10:00 - 10:15 A.M. ***BREAK*****
- 10) 10:15 - 11:15 A.M. Generic Resolution of Voids in the Concrete Containment (Open) (MVB/RBE/SD)
- 10.1) Remarks by the Subcommittee Chairman
- 10.2) Briefing by and discussions with representatives of the NRC staff regarding the generic resolution of the issue of voids in the concrete containment walls.
- 11) 11:15 - 12:00 Noon. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (GEA/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, and organizational and personnel matters relating to the ACRS.
- 12) 12:00 - 12:15 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.
- 12:15 - 1:15 P.M. ***LUNCH*****

- 13) 1:15 - 7:15 P.M. Proposed ACRS Reports (Open)
 Discussion of proposed ACRS Reports on:
- 13.1) CRDM Cracking of Vessel Head Penetrations and Vessel Head Degradation (FPF/MWW)
 - 13.2) Technical Assessment of GSI-189, "Susceptibility of Ice Condenser and Mark III Containments to Early Failure from Hydrogen Combustion During a Severe Accident" (TSK/RBE/SD)
 - 13.3) Technical Assessment of GSI-168, "Environmental Qualification of Low-Voltage I&C Cables" (GML/TJK/SD)
 - 13.4) Development of Reliability/Availability Performance Indicators and Industry Trends (MVB/AWC/MWW)
 - 13.5) Proposed Rulemaking to Endorse NFPA 805 Fire Protection Standard (SLR/RBE/SD)
 - 13.6) Confirmatory Research Program on High Burnup Fuel (Tentative) (TSK/TJK/MME)
 - 13.7) Technical and Policy Issues Related to Advanced Reactors (Tentative) (TSK/MME)

SATURDAY, JUNE 8, 2002, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 14) 8:30 - 10:00 A.M. Proposed ACRS Reports (Open)
 Continue discussion of proposed ACRS reports listed under Item 13.
- 10:00 - 10:15 A.M. ***BREAK*****
- 15) 10:15 - 11:30 A.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.
- 11:30 - 12:45 P.M. ***WORKING LUNCH*****
- 16) 12:45 - 1:45 P.M. Format and Content of the 2003 ACRS Report on the NRC Safety Research Program (Open) (FPF/MME)
- 16.1) Remarks by the Subcommittee Chairman
 - 16.2) Discussion of the format, content, schedule, and assignments for the 2003 ACRS report to the Commission on the NRC Safety Research Program.
- 17) 1:45 - 2:45 P.M. Proposed Papers for the Quadripartite Meeting (Open) (GEA, et al./JTL, et al.)
 Discussion of proposed papers on the following:
- 17.1) Safety Culture and Safety Management (MVB/DAP)
 - 17.2) Risk-Informed Regulation (GEA/TSK)
 - 17.3) Thermal-Hydraulic Analysis and Code Issues (GBW/VHR)
 - 17.4) Stress Corrosion Cracks in Pressure Retaining Components in Nuclear Power Plants (FPF/WJS)
 - 17.5) Risk Analysis of Spent Fuel Storage (TSK/DAP)

- 18) 2:45 - 3:00 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.**