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

November 9, 2009

AGENDA
568th ACRS MEETING
DECEMBER 3-5, 2009

THURSDAY, DECEMBER 3, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

1) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/EMH/PW)
   1.1) Opening statement
   1.2) Items of current interest

2) 8:35 – 10:00 A.M. License Renewal Application for the Prairie Island Nuclear Generating Plant, Units 1 and 2 (Open) (HBR/PW)
   2.1) Remarks by the Subcommittee Chairman
   2.2) Briefing by and discussions with representatives of the NRC staff and Northern States Power Company regarding the license renewal application for the Prairie Island Nuclear Generating Plant, Units 1 and 2, the associated NRC staff's final Safety Evaluation Report (SER), and related matters.

   Members of the public may provide their views, as appropriate.

10:00 – 10:15 A.M. ***** BREAK *****

3) 10:15 – 12:15 P.M. Draft Final Regulatory Guide 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," and Draft Final Standard Review Plan (SRP) Section 9.5.1.2, "Risk-Informed, Performance-Based Fire Protection" (Open) (GEA/GSS/JCL)
   3.1) Remarks by the Subcommittee Chairman
   3.2) Briefing by and discussions with representatives of the NRC staff and the industry regarding draft final Regulatory Guide 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," Draft Final SRP Section 9.5.1.2, "Risk-Informed, Performance-Based Fire Protection," NRC staff's resolution of public comments, and related matters.

   Members of the public may provide their views, as appropriate.

12:15 – 1:15 P.M. ***** LUNCH *****

4) 1:15 – 3:15 P.M. Long-Term Core Cooling Approach for the Economic Simplified Boiling Water Reactor (ESBWR) Design (Open) (MLC/KW/CLB)

4.1) Remarks by the Subcommittee Chairman

4.2) Briefing by and discussions with representatives of the NRC staff and General Electric - Hitachi Nuclear Energy (GEH) regarding the long-term core cooling approach for the ESBWR design, and related matters.

[NOTE: A portion of this session may be closed to protect information that is proprietary to GEH or its contractors pursuant to 5 U.S.C. 552b (c)(4).]

Members of the public may provide their views, as appropriate.

3:15 – 3:30 P.M. ***** BREAK *****

5) 3:30 – 5:00 P.M. Draft Final Revision 1 to Regulatory Guide 1.151 (DG-1178), "Instrument Sensing Lines" (Open) (OLM/ZA)

5.1) Remarks by the Subcommittee Chairman

5.2) Briefing by and discussions with representatives of the NRC staff regarding draft final Revision 1 to Regulatory Guide 1.151 (DG-1178), "Instrument Sensing Lines," NRC staff's resolution of public comments, and related matters.

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

5:00 – 5:15 P.M. ***** BREAK *****

6) 5:15 – 5:45 P.M. Subcommittee Reports (Open)

6.1) (5:15 - 5:30 P.M) Report by and discussions with the Chairman of the Reliability & PRA Subcommittee regarding NRC's proposed policy statement on Safety Culture that was discussed during the meeting on November 12, 2009. (GEA/JHF)

6.2) (5:30 - 5:45 P.M) Report by and discussions with the Chairman of the AP1000 Subcommittee regarding Chapters 7 and 9 of the draft SER associated with the AP1000 Design Control Document Amendment that was discussed during the meeting on November 19-20, 2009. (HBR/MPL)

7) 5:45 – 7:00 P.M. Preparation of ACRS Reports (Open)

Discussion of proposed ACRS reports on:

7.1) License Renewal Application for the Prairie Island Nuclear Generating Plant, Units 1 and 2 (HBR/PW)

7.2) Draft Final Regulatory Guide 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," and Draft Final

Standard Review Plan (SRP) Section 9.5.1.2, "Risk-Informed, Performance-Based Fire Protection" (GEA/GSS/JCL)

7.3) Long-Term Core Cooling Approach for the Economic Simplified Boiling Water Reactor Design (MLC/KW/CLB)

7.4) Draft Final Revision 1 to Regulatory Guide 1.151 (DG-1178), “Instrument Sensing Lines” (OLM/ZA)

FRIDAY, DECEMBER 4, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

8) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/EMH)

9) 8:35 – 9:15 A.M. Discussion of Topics for Meeting with the Commission (Open) (MVB, et al./EMH, et al.)
Discussion of the following topics for meeting with the Commission:

- Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC)/Design Acceptance Criteria (DAC) Closure Process
- Amendment to the AP1000 Design Control Document
- Three-Dimensional Finite Element Analysis of the Oyster Creek Drywell Shell
- Beaver Valley Containment Liner Corrosion
- Cyber Security Programs for Nuclear Power Plants

9:15 – 9:30 A.M. ***** BREAK *****

10) 9:30 – 11:30 A.M. Meeting with the Commission - Commissioners’ Conference Room, One White Flint North (Open) (MVB, et al. /EMH, et al.)
Meeting with the Commission to discuss topics listed under Item 9.

11:30 – 1:15 P.M. ***** LUNCH *****

11) 1:15 – 2:30 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (MVB/EMH)

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.

[NOTE: A portion of this session may be closed pursuant to 5 U.S.C. 552b (c)(2) and (6) to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]

12) 2:30 – 2:45 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (MVB/CS/AFD)
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

13) 2:45 – 3:00 P.M. Election of ACRS Officers for CY-2010 (Open) (EMH/SD)
Election of the Chairman and Vice-Chairman for the ACRS and Member-at-Large for the Planning and Procedures Subcommittee for CY-2010.

3:00 – 3:15 P.M. ***** BREAK *****

14) 3:15 – 5:15 P.M. Draft ACRS Report on the NRC Safety Research Program (Open) (DAP, et al/HPN, et al.)
14.1) Remarks by the Subcommittee Chairman
14.2) Discussion of a draft ACRS report on the NRC Safety Research Program

5:15 – 5:30 P.M. ***** BREAK *****

15) 5:30 – 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
15.1) License Renewal Application for the Prairie Island Nuclear Generating Plant, Units 1 and 2 (HBR/PW)
15.2) Draft Final Regulatory Guide 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," and Draft Final Standard Review Plan (SRP) Section 9.5.1.2, "Risk-Informed, Performance-Based Fire Protection" (GEA/GSS/JCL)
15.3) Long-Term Core Cooling Approach for the Economic Simplified Boiling Water Reactor Design (MLC/KW/CLB)
15.4) Draft Final Revision 1 to Regulatory Guide 1.151 (DG-1178), “Instrument Sensing Lines” (OLM/ZA)

SATURDAY, DECEMBER 5, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

16) 8:30 – 12:30 P.M. Preparation of ACRS Reports (Open)
(10:00-10:15 A.M. BREAK) Continue discussion of the proposed ACRS reports listed under Item 15.

17) 12:30 – 1:00 P.M. Miscellaneous (Open) (MVB/EMH)
Discussion of matters related to the conduct of Committee activities and specific issues that were not completed during previous meetings, as time and availability of information permit.

NOTES:

- During the days of the meeting, phone number 301-415-7360 should be used in order to access anyone in the ACRS Office.

- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.

- Thirty five (35) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACRS in advance of the briefing.

- One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the Designated Federal Official with a CD containing each presentation at least 30 minutes before the meeting.

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