

Revised June 18, 2009



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

June 18, 2009

**AGENDA
564th ACRS MEETING
JULY 8-10, 2009**

**WEDNESDAY, JULY 8, 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/SD)
 - 1.1) Opening statement
 - 1.2) Items of current interest

- 2) 8:35 – 10:00 A.M. License Renewal Application and the Final Safety Evaluation Report (SER) for the Beaver Valley Power Station (Open) (DCB/CLB)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the NRC staff and FirstEnergy Nuclear Operating Company regarding the License Renewal Application for the Beaver Valley Power Station, the associated NRC staff's final SER, and related matters.

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

10:00 – 10:15 A.M. * BREAK *****

- 3) 10:15 – 11:45 A.M. Draft Final Revision 3 to Regulatory Guide 1.100, "Seismic Qualification of Electric and Mechanical Equipment for Nuclear Power Plants" (Open) (JWS/MPL)
 - 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the NRC staff regarding Draft Final Revision 3 to Regulatory Guide 1.100, "Seismic Qualification of Electric and Mechanical Equipment for Nuclear Power Plants," 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 – 2:45 P.M. Applicability of TRACE Code to Evaluate New Light Water Reactor (LWR) Designs (Open/Closed) (SB/HPN/DEB)
4.1) Remarks by the Subcommittee Chairman
4.2) Briefing by and discussions with representatives of the NRC staff regarding applicability of the TRACE Code to evaluate new LWR designs, and related matters.

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

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

2:45 – 3:00 P.M. * BREAK *****

- 5) 3:00 – 4:00 P.M. Format and Content of the Biennial Research Report to the Commission on the NRC Safety Research Program (Open) (DAP/HPN)
5.1) Remarks by the Subcommittee Chairman
5.2) Discussion of the Format and Content of the ACRS Biennial Report to the Commission on its review and evaluation of the NRC Safety Research Program, and related matters.

4:00 – 4:15 P.M. * BREAK *****

- 6) 4:15 – 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
6.1) License Renewal Application and the Final Safety Evaluation Report for the Beaver Valley Power Station (DCB/CLB)
6.2) Draft Final Revision 3 to Regulatory Guide 1.100, "Seismic Qualification of Electric and Mechanical Equipment Nuclear Power Plants" (JWS/MPL)
6.3) Applicability of TRACE Code to Evaluate New Light Water Reactor (LWR) Designs (SB/HPN/DEB)
- for

THURSDAY, JULY 9, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 7) 8:30 – 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/CS/SD)
8) 8:35 – 10:30 A.M. Design Certification (DC)/Combined License (COL) Interim Staff Guidance (ISG) -006 and Nuclear Energy Institute (NEI) document NEI 08-08, Revision 1 (Open) (MTR/DAW)
8.1) Remarks by the Subcommittee Chairman
8.2) Briefing by and discussions with representatives of the NRC staff regarding DC/COL-ISG-006, "Interim Staff

Guidance on Evaluation and Acceptance Criteria for 10 CFR 20.1406 to Support Design Certification and Combined License Applications,” and NEI 08-08, Revision 1, “Generic FSAR Template Guidance for Life Cycle Minimization of Contamination,” Contamination,” and related matters.

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

10:30 – 10:45 A.M. * BREAK *****

- 9) 10:45 – 12:15 P.M. Draft Final Regulatory Guide 1.215, “Guidance for ITAAC Closure under 10 CFR Part 52” (Open) (DCB/MLC/GSS)
- 9.1) Remarks by the Subcommittee Chairman
 - 9.2) Briefing by and discussions with representatives of the NRC staff regarding Draft Final Regulatory Guide 1.215 that provides guidance for closure of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) under 10 CFR Part 52, and related matters.

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

12:15 – 1:15 P.M. * LUNCH *****

- 10) 1:15 – 1:45 P.M. Quality Assessment of Selected Research Projects (Open) (DAP/HPN)
- 10.1) Remarks by the Subcommittee Chairman
 - 10.2) Discussion of the draft final report on ACRS assessment of the quality of the NRC research projects on: NUREG/CR-6964, “Crack Growth Rates and Metallographic Examinations of Alloy 600 and Alloy 82/182 from Field and Laboratory Materials Testing in PWR Environments,” and Draft NUREG/CR-XXXX, “Diversity Strategies for Nuclear Power Plant Instrumentation and Control Systems.”
- 11) 1:45 – 2:15 P.M. Subcommittee Reports (Open)
- 11.1) Report by and discussion with the Chairman of the ESBWR Subcommittee regarding review of the resolution of containment issues associated with the ESBWR design certification; and selected Chapters of the draft SER associated with the North Anna COL application referencing the ESBWR design, that were discussed on June 17-18, 2009. (MLC/CLB)

11.2) Report by and discussion with the Chairman of the Plant License Renewal Subcommittee regarding interim review of the Prairie Island License Renewal Application and the SER with Open Items, that were discussed on July 7, 2009. (HBR/CLB)

12) 2:15 – 3:00 P.M.

Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (MVB/EMH)

12.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.

12.2) 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]

13) 3:00 – 3:15 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.

3:15 – 3:30 P.M.

***** BREAK *****

14) 3:30 – 7:00 P.M.

Preparation of ACRS Reports (Open)

Discussion of proposed ACRS reports on:

14.1) License Renewal Application and the Final Safety Evaluation Report for the Beaver Valley Power Station (DCB/CLB)

14.2) Draft Final Revision 3 to Regulatory Guide 1.100, "Seismic Qualification of Electric and Mechanical Equipment Nuclear Power Plants" (JWS/MPL)

for

14.3) Applicability of TRACE Code to Evaluate New Light Water Reactor (LWR) Designs (SB/HPN/DEB)

14.4) DC/COL-ISG-006 and NEI 08-08, Revision 1, for meeting requirements of 10 CFR 20.1406, "Minimization of Contamination" (MTR/DAW)

14.5) Draft Final Regulatory Guide 1.215, "Guidance for ITAAC Closure under 10 CFR Part 52" (DCB/MLC/GSS)

**FRIDAY, JULY 10, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 15) 8:30 – 6:00 P.M. Preparation of ACRS Reports (Open)
(12:00-1:00 P.M. LUNCH) Continue discussion of the proposed ACRS reports listed under Item 14.
- 16) 6:00 – 6:30 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.