



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

March 10, 2009

**AGENDA
561st ACRS MEETING
APRIL 2-4, 2009**

**THURSDAY, APRIL 2, 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 Final Safety Evaluation Report (SER) for the Vogtle Nuclear Plant (Open) (JDS/CLB)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the NRC staff and Southern Nuclear Operating Company (SNC) regarding the Vogtle Nuclear Plant License Renewal Application, 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 – 12:00 P.M. Digital Instrumentation and Control (I&C) Interim Staff Guidances (ISGs) (Open) (CB/CEA)
 - 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the NRC staff regarding Digital I&C ISGs on Highly Integrated Control Room - Human Factors, Licensing Process Issues, and related matters.

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

12:00 – 1:00 P.M. * LUNCH *****

- 4) 1:00 – 2:30 P.M. License Renewal Application and Final Safety Evaluation Report for the National Institute of Standards and Technology (NIST) Reactor (Open) (JDS/PW)
 - 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the

NRC staff and NIST regarding the License Renewal Application for the NIST Reactor, the associated NRC staff's final SER, and related matters.

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

2:30 – 2:45 P.M. * BREAK**

- 5) 2:45 – 4:15 P.M. Draft Final Regulatory Guide 1.211, "Qualification of Safety-Related Cables and Field Splices for Nuclear Power Plants" (Open) (OLM/CEA)
- 5.1) Remarks by the Subcommittee Chairman
 - 5.2) Briefing by and discussions with representatives of the NRC staff and the Nuclear Utility Group on Equipment Qualification (NUGEQ) regarding draft final Regulatory Guide 1.211 and related matters.

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

4:15 – 4:30 P.M. * BREAK**

- 6) 4:30 – 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 6.1) License Renewal Application and Final SER for the Vogtle Nuclear Plant (JDS/CLB)
 - 6.2) Digital I&C Interim Staff Guidances on Highly Integrated Control Room - Human Factors and Licensing Process Issues (CB/CEA)
 - 6.3) License Renewal Application and Final SER for the National Institute of Standards and Technology Reactor (JDS/PW)
 - 6.4) Draft Final Regulatory Guide 1.211, "Qualification of Safety-Related Cables and Field Splices for Nuclear Plants" (OLM/CEA)
 - 6.5) Draft Final Revision 2 to Regulatory Guide 1.200, "An Approach for Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities" (DCB/HPN)
- Power

FRIDAY, APRIL 3, 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. Risk Metrics for New Light-Water Reactor Risk-Informed Applications (Open) (GEA/HJV/HPN)
- 8.1) Remarks by the Subcommittee Chairman
 - 8.2) Briefing by and discussions with representatives of the NRC staff regarding risk metrics for new light-water reactor risk-informed applications 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 – 11:00 A.M. Subcommittee Reports (Open)
- 9.1) Report by and discussions with the Chairman of the Plant License Renewal Subcommittee regarding interim review of the Three Mile Island Unit 1 License Renewal Application and the SER with Open Items that were discussed during the Subcommittee meeting on April 1, 2009 (JWS/CLB)
 - 9.2) Report by and discussions with the Chairman of the Plant License Renewal Subcommittee regarding interim review of the Susquehanna Steam Electric Station License Renewal Application and the SER with Open Items that were discussed during the Subcommittee meeting on April 1, 2009 (WJS/PW)
 - 9.3) Report by and discussions with the Chairman of the Reliability and PRA Subcommittee regarding revisions to NUREG-1855, Appendix A, "Example Implementation of the Process for the Treatment of PRA Uncertainty in a Risk-Informed Regulatory Application," that were discussed during the Subcommittee meeting on March 27, 2009 (GEA/HJV)
- 10) 11:00 – 11:45 A.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (MVB/EMH)
- 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.

[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]

- 11) 11:45 – 12:00 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.
- 12:00 – 1:00 P.M. *** LUNCH *****
- 12) 1:00 – 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 12.1) License Renewal Application and Final SER for the Vogtle Nuclear Plant (JDS/CLB)
 - 12.2) Digital I&C Interim Staff Guidances on Highly Integrated Control Room - Human Factors and Licensing Process Issues (CB/CEA)
 - 12.3) License Renewal Application and Final SER for the National Institute of Standards and Technology Reactor (JDS/PW)
 - 12.4) Draft Final Regulatory Guide 1.211, "Qualification of Safety-Related Cables and Field Splices for Nuclear Plants" (OLM/CEA)
 - 12.5) Draft Final Revision 2 to Regulatory Guide 1.200, "An Approach for Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-Informed Activities" (DCB/HPN)
- Power

SATURDAY, APRIL 4, 2009, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 13) 8:30 – 1:00 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.
- 14) 1:00 – 1:15 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.