



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

August 15, 2008

**AGENDA
555th ACRS MEETING
SEPTEMBER 4-6, 2008**

**THURSDAY, SEPTEMBER 4, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT
NORTH, ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
 - 1.1) Opening statement
 - 1.2) Items of current interest

- 2) 8:35 - 10:30 A.M. License Renewal Application and Final SER for the Wolf Creek Generating Station, Unit 1 (Open) (JDS/PW)
 - 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the NRC staff and Wolf Creek Nuclear Operating Corporation regarding the license renewal application for the Wolf Creek Generating Station, Unit 1, and the associated NRC staff's final Safety Evaluation Report (SER).

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

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

- 3) 10:45 - 12:15 P.M. Draft Final Revision 1 to Regulatory Guide 1.131, "Qualification of Safety-Related Cables and Field Splices for Nuclear Power Plants" (Open) (OLM/CEA)
 - 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 1.131 and the NRC staff's resolution of public comments.

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

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

- 4) 1:15 - 3:15 P.M. TRACE Computer Code Peer Review (Open) (SB/DB)
 - 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the findings of the Peer-Review Panel for the TRACE computer code and the staff's plans to address the Panel's findings.

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

3:15 - 3:30 P.M. * BREAK *****

- 5) 3:30 - 4:30 P.M. Anticipated Advanced Reactor Research Needs (Open) (MLC/MB)
Discussions among the ACRS members regarding the anticipated advanced reactor research needs and related matters.
- 6) 4:30 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 6.1) License Renewal Application for the Wolf Creek Generating Station, Unit 1 (JDS/PW)
 - 6.2) Draft Final Revision 1 to Regulatory Guide 1.131, "Qualification of Safety-Related Cables and Field Splices for Nuclear Power Plants" (OLM/CEA)
 - 6.3) TRACE Computer Code Peer Review (SB/DB)

FRIDAY SEPTEMBER 5, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 7) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (WJS/CS/SD)
- 8) 8:35 - 10:00 A.M. Quality Assessment of Selected Research Projects (Open) (DAP/HPN)
- 8.1) Remarks by the Subcommittee Chairman
 - 8.2) Report by and discussions with members of the ACRS Panels which performed the quality assessment of the NRC research projects on : FRAPCON / FRAPTRAN Code work at the Pacific Northwest National Laboratory (PNNL), and NUREG/CR - 6943, "A Study of Remote Visual Methods to Detect Cracking in Reactor Components."

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

- 9) 10:15 – 11:15 A.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (WJS/AFD/SD)
- 9.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.

- 9.2) 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 meeting 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.]

- 10) 11:15 - 11:30 A.M. Reconciliation of ACRS Comments and Recommendations (Open) (WJS/CS/AFD)
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

- 11) 11:30 – 12:00 P.M. Subcommittee Reports (Open)
- 11.1) Report by and discussions with the Chairman of the ACRS Subcommittee on ESBWR regarding the review the PRA associated with the ESBWR that was discussed during the Subcommittee meeting on August 21-22, 2008. (MLC/HJV).
- 11.2) Report by and discussions with the Chairman of the ACRS Subcommittee on Materials, Metallurgy, and Reactor Fuels regarding various matters associated with reactor fuels that were discussed during the Subcommittee meeting on September 3, 2008, (JSA/CLB).

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

- 12) 2:00 - 7:00 P.M. Preparation of ACRS Reports (Open)
Continued discussion of proposed ACRS reports on:
- 12.1) License Renewal Application for the Wolf Creek Generating Station, Unit 1 (JDS/PW)
- 12.2) Draft Final Revision 1 to Regulatory Guide 1.131, "Qualification of Safety-Related Cables and Field Splices for Nuclear Power Plants" (OLM/CEA)
- 12.3) TRACE Computer Code Peer Review (SB/DB)

SATURDAY SEPTEMBER 6, 2008, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 13) 8:30 - 12:00 P.M. Preparation of ACRS Reports (Open)

(10:30-10:45 A.M. BREAK) Continue discussion of proposed ACRS reports listed under Item 11.

- 14) 12:00 - 12:30 P.M. Miscellaneous (Open) (WJS/AFD)
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.