



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

**AGENDA
592nd ACRS MEETING
March 8-10, 2012**

**THURSDAY, MARCH 8, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE,
ROCKVILLE, MD**

- 1) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (JSA/EMH)
1.1) Opening Statement
1.2) Items of Current Interest
- 2) 8:35 AM - 10:30 AM Selected Chapters of the Safety Evaluation Report (SER) with
Open Items Associated with the US Evolutionary Power Reactor
(EPR) Design Certification Application (Open/Closed) (DAP/KDW)
2.1) Remarks by the Subcommittee Chairman
2.2) Briefing by and discussions with representatives of the
NRC staff and AREVA Nuclear Power regarding selected
chapters of the NRC staff's SER with open items
associated with the EPR design certification application.

**[NOTE: A portion of this session may be closed in order to
discuss and protect information designated as proprietary,
pursuant to 5 U.S.C 552b(c)(4)]**

10:30 AM - 10:45 AM * BREAK *****

- 3) 10:45 AM - 12:15 PM Source Terms for Small Modular Reactors. (Open) (DCB/MB)
3.1) Remarks by the Subcommittee Chairman
3.2) Briefing by and discussions with representatives of the
Nuclear Energy Institute (NEI) regarding the development
of source terms for small modular reactors.

12:15 PM - 1:15 PM * LUNCH *****

4) 1:15 PM - 2:45 PM

Extremely Low Probability of Rupture (Open) (JSA/CLB)

- 4.1) Remarks by the Subcommittee Chairman
- 4.2) Briefing by and discussions with representatives of the NRC staff regarding the development of a technical basis for meeting the requirements of 10 CFR 50 Appendix A, General Design Criteria 4. The staff's approach involves developing a computer model that calculates failure probabilities due to various degradation mechanisms.

2:45 PM - 3:00 PM

***** BREAK *****

5) 3:00 PM - 4:30 PM

Turkey Point Units 3 and 4 Extended Power Uprate Application (Open/Closed) (WJS/WW)

- 5.1) Remarks by the Subcommittee Chairman
- 5.2) Briefing by and discussions with representatives of the NRC staff and Florida Power & Light Company regarding the Turkey Point Units 3 and 4 Extended Power Uprate Application.

[NOTE: A portion of this session may be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C 552b(c)(4)]

6) 4:30 PM - 7:00 PM

Preparation of ACRS Reports (Open/Closed)

- 6.1) Implementation of the Near-Term Task Force (NTTF) Recommendations Stemming from the Fukushima event (SAK/AFD)
- 6.2) Selected Chapters of the SER with Open Items Associated with the US EPR Design Certification Application (DAP/KDW)
- 6.3) Extremely Low Probability of Rupture (JSA/CLB)
- 6.4) Turkey Point Units 3 and 4 Extended Power Uprate Application (WJS/WW)

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**FRIDAY, MARCH 9, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE,
ROCKVILLE, MD**

- 7) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (JSA/EMH)
- 8) 8:35 AM - 10:00 AM Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (JSA/EMH)
- 8.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings.
- 8.2) 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.]**
- 9) 10:00 AM - 10:15 AM Reconciliation of ACRS Comments and Recommendations (Open) (JSA/EMH/CS)
- Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 10:15 AM - 10:30 AM *** BREAK *****
- 10) 10:30 AM - 11:30 AM Draft Final Report on the Biennial ACRS Review of the NRC Safety Research Program (Open) (MLC/HPN)
- 10.1) Remarks by the Subcommittee Chairman
- 10.2) Discussion on the proposed draft final report on the biennial ACRS review of the NRC Safety Research Program.
- 11:30 AM - 12:30 PM *** LUNCH *****

- 11) 12:30 PM - 7:00 PM Preparation of ACRS Reports (Open/Closed)
- 11.1) Implementation of the Near-Term Task Force (NTTF) Recommendations Stemming from the Fukushima Event (SAK/AFD)
 - 11.2) Selected Chapters of the SER with Open Items Associated with the US EPR Design Certification Application (DAP/KDW)
 - 11.3) Extremely Low Probability of Rupture (JSA/CLB)
 - 11.4) Turkey Point Units 3 and 4 Extended Power Uprate Application (WJS/WW)
 - 11.5) Draft Final Report on the Biennial ACRS Review of the NRC Safety Research Program (MLC/HPN)

There may be 15-minute breaks at some point during this activity.

[NOTE: A portion of this session may be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C 552b(c)(4)]

SATURDAY, MARCH 10, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MARYLAND

- 12) 8:30 AM - 1:00 PM Preparation of ACRS Reports (Open/Closed)
- Continue discussion of the proposed ACRS reports listed under Item 11. There may be a 15 break at some point during this activity.

[NOTE: A portion of this session may be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C 552b(c)(4)]

- 13) 1:00 PM - 1:30 PM Miscellaneous (Open) (JSA/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:

- When appropriate, members of the public and representatives of the nuclear industry may provide their views during the briefings.
- During the meeting, phone number 301-415-7360 should be used in order to contact 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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