



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

**AGENDA
613th ACRS MEETING
APRIL 10-11, 2014
11545 ROCKVILLE PIKE, ROCKVILLE, MD**

THURSDAY, APRIL 10, 2014, CONFERENCE ROOM T-2B1

- 1) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (JWS/EMH)
1.1) Opening Statement
1.2) Items of Current Interest
- 2) 8:35 AM - 10:00 AM Economic Simplified Boiling Water Reactor (ESBWR)
Supplemental Final Safety Evaluation Report (FSER) (Closed)
(MLC/CLB)
2.1) Remarks by the Subcommittee Chairman
2.2) Briefings by and discussions with representatives of the staff regarding the supplemental FSER associated with the ESBWR design

[NOTE: This meeting will be closed in order to discuss and protect information designated as proprietary, pursuant to 5 U.S.C. 552b(c)(4).]

10:00 AM - 10:15 AM

***** BREAK *****

- 3) 10:15 AM – 11:45 AM Overview of NRC Operating Experience Program (GRS/MLB)
(Open)
3.1) Remarks by the Subcommittee Chairman
3.2) Briefings by and discussions with representatives of the staff regarding the NRC Operating Experience Program

11:45 AM - 12:45 PM

***** LUNCH *****

- 4) 12:45 PM – 2:45 PM Overview of the B&W mPower Small Modular Reactor Design
(Open/Closed) (DCB/MB)
4.1) Remarks by the Subcommittee Chairman
4.2) Briefings by and discussions with representatives of the staff and Generation mPower on the mPower small modular reactor design for an integral pressurized water reactor

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

2:45 PM - 3:00 PM

***** BREAK *****

5) 3:00 PM – 4:00 PM

NRC Staff Activities regarding Small Modular Reactors (SMRs)
(Open) (DCB/MB)

- 5.1) Remarks by the Subcommittee Chairman
- 5.2) Briefings by and discussions with representatives of the staff regarding an overview of NRC activities associated with small modular reactors

6) 4:00 PM – 5:15 PM

Biennial Review of the NRC Safety Research Program (Open)
(MLC/HPN)

Discussion of the draft report on the biennial ACRS review of the NRC Safety Research Program

7) 5:15 PM - 6:00 PM

Preparation of ACRS Reports (Open/Closed)

- 7.1) Economic Simplified Boiling Water Reactor (ESBWR) Supplemental Final Safety Evaluation Report (FSER) (MLC/CLB)
- 7.2) Biennial Review of the NRC Safety Research Program (MLC/HPN)
- 7.3) Response to the February 24, 2014 letter from the EDO regarding Chapters 6 and 7 of the Safety Evaluation Report with Open Items for Certification of the US-APWR Design and related Long-Term Core Cooling Issues (JWS/GSS)

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

FRIDAY, APRIL 11, 2014, CONFERENCE ROOM T-2B1

8) 8:30 AM – 8:35 AM

Opening Remarks by the ACRS Chairman (Open) (JWS/EMH)

- 8.1) Opening Statement

- 9) 8:35 AM – 9:30 AM Thermal Conductivity Degradation (Open) (SB/WW)
9.1) Remarks by the Subcommittee Chairman
9.2) Briefings by and discussions with representatives of the staff regarding the evaluation of the impact of thermal conductivity degradation in PWRs

9:30 AM - 9:45 AM

***** BREAK *****

- 10) 9:45 AM – 11:15 AM Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (JWS/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 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 the ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]

- 11) 11:15 AM – 11:30 AM Reconciliation of ACRS Comments and Recommendations (Open) (JWS/EMH/CS)
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters

11:30 AM – 1:30 PM

***** LUNCH *****

- 12) 1:30 PM - 5:30 PM Preparation of ACRS Reports (Open/Closed)
Continue discussion of the proposed ACRS reports listed under Item 7

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

- 13) 5:30 PM - 6:00 PM Miscellaneous (Open) (JWS/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, 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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