



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

**AGENDA
585th ACRS MEETING
July 13-15, 2011**

**WEDNESDAY, JULY 13, 2011, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE,
ROCKVILLE, MD**

- 1) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (SAK/EMH)
- 1.1) Opening Statement
 - 1.2) Items of Current Interest
- 2) 8:35 AM - 10:30 AM Safety Evaluation Report Associated with NEDC-33173,
Supplement 2, Parts 1, 2, and 3, "Analysis of Gamma Scan Data
and Removal of Safety Limit Minimum Critical Power Ratio
(SLMCPR) Margin" (Open/Closed) (SB/ZA)
- 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing by and discussions with representatives of the
NRC staff and General Electric Hitachi (GEH) regarding
the safety evaluation report associated with NEDC-33173,
Supplement 2, Parts 1, 2, and 3.

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

- 10:30 AM - 10:45 AM ***** BREAK *****
- 3) 10:45 AM - 12:45 PM 10 CFR 50.46(c) Emergency Core Cooling System Rulemaking
(Open) (JSA/CLB)
- 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing by and discussions with representatives of the
NRC staff regarding the 10 CFR 50.46(c) Rulemaking:
Mechanical Behavior of Ballooned and Ruptured Cladding.
- 12:45 PM - 1:45 PM ***** LUNCH *****

- 4) 1:45 PM - 3:45 PM Technical Basis and Rulemaking Language Associated with Low-Level Waste Disposal Site-Specific Analysis (Open) (MTR/DAW)
4.1) Remarks by the Subcommittee Chairman
4.2) Briefing by and discussions with representatives of the NRC staff regarding the technical basis and rulemaking language associated with low-level waste disposal site-specific analysis.
- 3:45 PM - 4:00 PM ***** BREAK *****
- 5) 4:00 PM - 7:00 PM Preparation of ACRS Reports (Open/Closed)
5.1) Safety Evaluation Report Associated with NEDC-33173, Supplement 2, Parts 1, 2, and 3, "Analysis of Gamma Scan Data and Removal of Safety Limit Minimum Critical Power Ratio (SLMCPR) Margin" (SB/ZA)
5.2) 10 CFR 50.46(c) Emergency Core Cooling System Rulemaking (JSA/CLB)
5.3) Technical Basis and Rulemaking Language Associated with Low-Level Waste Disposal Site-Specific Analysis (MTR/DAW)

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THURSDAY, JULY 14, 2011, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD

- 6) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (SAK/EMH)
6.1) Opening Statement
6.2) Items of Current Interest
- 7) 8:35 AM - 10:00 AM Small Modular Reactor Issue Identification and Ranking Process (Open) (DCB/MB)
7.1) Remarks by the Subcommittee Chairman
7.2) Briefing by and discussions with representatives of the NRC staff regarding the small modular reactor issue identification and ranking process
- 10:00 AM - 10:15 AM ***** BREAK *****

- 8) 10:15 AM - 11:45 AM Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (SAK/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) 11:45 AM - 12:00 PM Reconciliation of ACRS Comments and Recommendations (Open) (SAK/CS/YDS)
- Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

12:00 PM - 1:00 PM ***** LUNCH *****

- 10) 1:00 PM - 2:00 PM Assessment of the Quality of Selected NRC Research Projects (Open) (MLC/HPN)
- 10.1) Remarks by the Subcommittee Chairman
 - 10.2) Discussions with members of the ACRS panels performing the quality assessment of NRC research projects on NUREG/CR-6969, "Analysis of Experimental Data for High Burnup PWR Spent Fuel Isotopic Validation – ARIANE and REBUS Programs (UO₂ Fuel)," and NUREG/CR-7027, "Degradation of LWR Core Internal Materials Due to Neutron Irradiation."

- 11) 2:00 PM - 7:00 PM Preparation of ACRS Reports (Open/Closed)
- 11.1) Safety Evaluation Report Associated with NEDC-33173, Supplement 2, Parts 1, 2, and 3, "Analysis of Gamma Scan Data and Removal of Safety Limit Minimum Critical Power Ratio (SLMCPR) Margin" (SB/ZA)
 - 11.2) 10 CFR 50.46(c) Emergency Core Cooling System Rulemaking (JSA/CLB)
 - 11.3) Technical Basis and Rulemaking Language Associated with Low-Level Waste Disposal Site-Specific Analysis (MTR/DAW)

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FRIDAY, JULY 15, 2011, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD

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 designed as proprietary by GEH pursuant to 5 U.S.C 552b(c)(4).]

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

11.4) Small Modular Reactor Issue Identification and Ranking Process (DCB/MB)

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