



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

**AGENDA
597th ACRS MEETING
September 6-8, 2012**

**THURSDAY, SEPTEMBER 6, 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 - 10:00 AM Draft Regulatory Guide 1290 (Proposed Revision to Regulatory
Guide (RG) 1.59), "Design-Basis Floods for Nuclear Power Plants"
(Open) (JWS/DAW)
2.1) Remarks by the Subcommittee Chairman
2.2) Briefing by and discussions with representatives of the
NRC staff regarding a proposed revision to RG 1.59,
"Design-Basis Floods for Nuclear Power Plants."
- 10:00 AM - 10:15 AM *** BREAK *****
- 3) 10:15 AM - 12:15 PM Interim Staff Guidance 8 (ISG-8), Revision 3, "Burnup Credit in the
Criticality Safety Analyses of PWR Spent Fuel in Transport and
Storage Casks" (Open) (MTR/CLB)
3.1) Remarks by the Subcommittee Chairman
3.2) Briefing by and discussions with representatives of the
NRC staff regarding ISG-8, Revision 3, "Burnup Credit in
the Criticality Safety Analyses of PWR Spent Fuel in
Transport and Storage Casks."
- 12:15 PM - 1:15 PM *** LUNCH *****

- 4) 1:15 PM – 3:15 PM Selected Chapters of the Safety Evaluation Reports (SERs) with Open Items Associated with the US Advanced Pressurized Water Reactor (US-APWR) Design Certification and the Comanche Peak Combined License Application (COLA) (Open/Closed) (JWS/GSS)
- 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the NRC staff, Mitsubishi Heavy Industries, and Luminant Generation Company regarding selected chapters of the SER with Open Items associated with the US-APWR Design Certification and the Comanche Peak COLA.

[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)]

3:15 PM – 3:30 PM

***** BREAK *****

- 5) 3:30 PM – 4:30 PM Assessment of the Quality of Selected NRC Research Projects (Open) (WJS/JLR/HPN)
- 5.1) Remarks by the Subcommittee Chairman
 - 5.2) Discussions with members of the ACRS panels performing the quality assessment of the following NRC research projects:
 - NUREG-1953, “Confirmatory Thermal-Hydraulic Analysis to Support Specific Success Criteria in the Standardized Plant Analysis Risk Models-Surry and Peach Bottom”
 - NUREG/CR-7040, “Evaluation of JNES Equipment Fragility Tests for Use in Seismic Probabilistic Risk Assessments for U.S. Nuclear Power Plants”

4:30 PM – 4:45 PM

***** BREAK *****

- 6) 4:45 PM – 7:00 PM Preparation of ACRS Reports (Open/Closed)
- 6.1) Technical Basis for Regulating Extended Storage and Transportation of Spent Nuclear Fuel (MTR/CLB)
 - 6.2) Draft Regulatory Guide 1290 (Proposed Revision to RG-1.59), “Design-Basis Floods for Nuclear Power Plants” (JWS/DAW)
 - 6.3) ISG-8, Revision 3, “Burnup Credit in the Criticality Safety Analyses of PWR Spent Fuel in Transport and Storage Casks” (MTR/CLB)
 - 6.4) Selected Chapters of the SERs with Open Items Associated with the US-APWR Design Certification and the Comanche Peak COLA (JWS/GSS)

[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)]

FRIDAY, SEPTEMBER 7, 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)
- 7.1) Opening Statement
 - 7.2) Items of Current Interest
- 8) 8:35 PM – 9:00 AM Meeting with the NRC Chairman (Open) (JSA/EMH)
- 8.1) Remarks by the ACRS Chairman
 - 8.2) Discussions with NRC Chairman Allison M. Macfarlane on topics of mutual interest.

9:00 AM – 9:15 AM * BREAK *****

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

- 10) 10:45 AM - 11:00 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.

- 11) 11:00 AM - 12:00 PM Significant Operating Experience (Open) (JDS/PCW)
- 11.1) Briefing by and discussions with the Chairman of the ACRS Subcommittee on Plant Operations and Fire Protection regarding significant operating events, insights gained from these events, and any follow-up actions by the Subcommittee and/or Full Committee.

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

- 12) 1:00 PM - 7:00 PM Preparation of ACRS Reports (Open/Closed)
- Continue discussion of the proposed ACRS reports listed under Item 6. There may be 15-minute breaks at some points 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, SEPTEMBER 8, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD

13) 8:30 AM - 11:30 AM Preparation of ACRS Reports (Open/Closed)
Continue discussion of the proposed ACRS reports listed under Item 6. There may be 15-minute breaks at some points 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)]

14) 11:30 AM - 12:00 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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