



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

Revised September 20, 2010

**AGENDA  
576th ACRS MEETING  
October 7-9, 2010**

**THURSDAY, OCTOBER 7, 2010, 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  
1.1)    Items of Current Interest
- 2) 8:35 AM - 10:30 AM      Final Safety Evaluation Report Associated with the Economic  
Simplified Boiling Water Reactor (ESBWR) Design Certification  
Application (Open/Closed) (MLC/CB)  
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 final Safety Evaluation Report Associated with the  
ESBWR design certification application.
- [NOTE: A portion of this session may be closed in order to  
discuss and protect information designated as proprietary by  
GEH pursuant to 5 U.S.C 552b(c)(4)]**
- 10:30 AM - 10:45 AM      \*\*\*BREAK\*\*\***
- 3) 10:45 AM - 12:15 PM      Final Safety Evaluation Report Associated with the License  
Renewal Application for the Cooper Nuclear Station (Open)  
(JWS/KH)  
3.1)    Remarks by the Subcommittee Chairman  
3.2)    Briefing by and discussions with representatives of the  
NRC staff and the Nebraska Public Power District  
regarding the license renewal application and final Safety  
Evaluation Report for the Cooper Nuclear Station.
- 12:15 PM - 1:15 PM      \*\*\*LUNCH/BREAK\*\*\***

- 4) 1:15 PM - 2:45 PM Final Safety Evaluation Report Associated with the License Renewal Application and for the Duane Arnold Energy Center (Open) (DCB/GS)
- 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff and FPL Energy Duane Arnold, LLC regarding the license renewal application and final Safety Evaluation Report for the Duane Arnold Energy Center.

**2:45 PM - 3:00 PM** **\*\*\*BREAK\*\*\***

- 5) 3:00 PM - 5:00 PM Draft Final Rule for Risk-Informed Changes to Loss-of-Coolant Accident (LOCA) Technical Requirements (10 CFR 50.46a) (Open) (WJS/PW)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Briefing by and discussions with representatives of the NRC staff regarding the draft final rule for risk-informed changes to LOCA technical requirements (10 CFR 50.46a).

**5:00 PM - 5:15 PM** **\*\*\*BREAK\*\*\***

- 6) 5:15 PM - 7:00 PM Preparation of ACRS Reports (Open)
- 6.1) Final Safety Evaluation Report Associated with the ESBWR Design Certification Application (MLC/CB)
  - 6.2) Final Safety Evaluation Report Associated with the License Renewal Application for the Cooper Nuclear Station (JWS/KH)
  - 6.3) Final Safety Evaluation Report Associated with the License Renewal Application for the Duane Arnold Energy Center (DCB/GS)
  - 6.4) Draft Final Rule for Risk-informed Changes to LOCA Technical Requirements (10 CFR 50.46a) (WJS/PW)

**FRIDAY, OCTOBER 8, 2010, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD**

- 7) 8:30 AM - 8:35 AM Opening Remarks by the ACRS Chairman (Open) (SAK/EMH)
- 8) 8:35 AM - 10:30 AM Digital I&C Interim Staff Guidance on Licensing Process (ISG-6) (Open) (CB/CA)
- 8.1) Remarks by the Subcommittee Chairman
  - 8.2) Briefing by and discussions with representatives of the NRC staff and Nuclear Energy Institute (NEI) regarding Digital I&C Interim Staff Guidance on Licensing Process (ISG-6).

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

- 9) 10:45 AM - 12:15 PM      Staff Efforts to Address Containment Liner Corrosion (Open)  
(JSA/KH)
- 9.1) Remarks by the Subcommittee Chairman
  - 9.2) Briefing by and discussions with representatives of the NRC staff regarding staff efforts to address containment liner corrosion.

**12:15 PM - 1:15 PM**      **\*\*\*LUNCH/BREAK\*\*\***

- 10) 1:15 PM - 2:45 PM      Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (SAK/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 ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy]**

- 11) 2:45 PM - 3:00 PM      Reconciliation of ACRS Comments and Recommendations  
(Open) (SAK/CS/AFD)
- Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

**3:00 PM - 3:15 PM**      **\*\*\*BREAK\*\*\***

- 12) 3:15 PM - 4:15 PM      Assessment of the Quality of Selected NRC Research Projects  
(Open) (WJS/HN)
- 12.1) Remarks by the Subcommittee Chairman
  - 12.2) Discussions with members of the ACRS Panels performing the quality assessment of the NRC research projects on: NUREG/CR-6947, "Human Factors Consideration with Respect to Emerging Technology in Nuclear Power Plants," and NUREG/CR-6997, "Modeling a Digital Feedwater Control System Using Traditional Probabilistic Risk Assessment Methods."

13) 4:15 PM - 5:45 PM Preparation for Meeting with the Commission on November 5, 2010 (Open) (SIA/EMH)  
Discussion of the topics for meeting with the Commission on November 5, 2010.

**5:45 PM - 6:00 PM** **\*\*\*BREAK\*\*\***

14) 6:00 PM - 7:00 PM Preparation of ACRS Reports (Open)

- 14.1) Final Safety Evaluation Report Associated with the ESBWR Design Certification Application (MLC/CB)
- 14.2) Final Safety Evaluation Report Associated with the License Renewal Application for the Cooper Nuclear Station (JWS/KH)
- 14.3) Final Safety Evaluation Report Associated with the License Renewal Application for the Duane Arnold Energy Center (DCB/GS)
- 14.4) Draft Final Rule for Risk-informed Changes to LOCA Technical Requirements (10 CFR 50.46a) (WJS/PW)
- 14.5) Digital I&C Interim Staff Guidance on Licensing Process (ISG-6) (CB/CA)

**SATURDAY, OCTOBER 9, 2010, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MD**

15) 8:30 AM - 3:00 PM Preparation of ACRS Reports (Open)  
Continue discussion of the proposed ACRS reports listed under Item 14. There may be 15 minutes breaks at various points during this activity.

16) 3:00 PM - 3:30 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 days of 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 one (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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Sensitive (Y/N): N

If Sensitive, which category?

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