



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

**AGENDA  
593<sup>rd</sup> ACRS MEETING  
April 12-14, 2012**

**THURSDAY, APRIL 12, 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      Selected Chapters of the Safety Evaluation Report (SER) with  
Open Items Associated with the Calvert Cliffs Unit 3 Combined  
License (COL) 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 UniStar Nuclear Energy regarding selected  
chapters of the NRC staff's SER with open items  
associated with the Calvert Cliffs Unit 3 COL 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)]**

**10:00 AM - 10:15 AM      \*\*\* BREAK \*\*\***

- 3) 10:15 AM - 11:45 AM      Spent Fuel Pool Scoping Study (Open) (JSA/CLB)  
3.1)    Remarks by the Subcommittee Chairman  
3.2)    Briefing by and discussions with representatives of the  
NRC staff regarding the current scoping study on spent  
fuel pools subjected to seismic events.

**11:45 AM - 12:45 PM      \*\*\* LUNCH \*\*\***

- 4) 12:45 PM - 2:15 PM Final Safety Evaluation Report Associated with the License Renewal Application for the Columbia Generating Station (Open) (JDS/KLH)
- 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff and Energy Northwest regarding the final safety evaluation report associated with the license renewal application for the Columbia Generating Station.
- 2:15 PM - 2:30 PM** **\*\*\* BREAK \*\*\***
- 5) 2:30 PM - 4:00 PM Risk-Informed Regulatory Framework for New Reactors (Open) (JWS/JCL)
- 5.1) Remarks by the Subcommittee Chairman
  - 5.2) Briefing by and discussions with representatives of the NRC staff and Industry regarding a draft Commission Paper on risk-informed regulatory framework for new reactors.
- 6) 4:00 PM - 7:00 PM Preparation of ACRS Reports (Open/Closed)
- 6.1) Extremely Low Probability of Rupture (JSA/CLB)
  - 6.2) Response to the January 24, 2012, EDO Letter Regarding the COL Application for Levy Nuclear Plant, Units 1 and 2 (HBR/PCW)
  - 6.3) Selected Chapters of the SER with Open Items Associated with the Calvert Cliffs Unit 3 COL Application (DAP/KDW)
  - 6.4) Spent Fuel Pool Scoping Study (JSA/CLB)
  - 6.5) Final SER Associated with the License Renewal Application for the Columbia Generating Station (JDS/KLH)
  - 6.6) Risk-Informed Regulatory Framework for New Reactors (JWS/JCL)

**[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, APRIL 13, 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 Draft Final NUREG-1921, "Fire Human Reliability Analysis (HRA) Guidelines" (Open) (JWS/JCL)
- 8.1) Remarks by the Subcommittee Chairman
  - 8.2) Briefing by and discussions with representatives of the NRC staff and Industry regarding draft final NUREG-1921 on fire HRA guidelines.

**10:00 AM - 10:15 AM** \*\*\* BREAK \*\*\*

- 9) 10:15 AM - 11:45 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 ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy.]**

- 10) 11:45 AM - 12:00 PM 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.

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

- 11) 1:00 PM - 2:00 PM Staff Assessment of Responses to NRC Bulletin 2011-01, "Mitigating Strategies" (Open) (SAK/MB)
- 11.1) Remarks by the Subcommittee Chairman
  - 11.2) Briefing by and discussions with representatives of the NRC staff regarding their assessment of the responses received addressing NRC Bulletin 2011-01, "Mitigating Strategies."

**2:00 PM - 2:15 PM** \*\*\* BREAK \*\*\*

- 12) 2:15 PM - 7:00 PM      Preparation of ACRS Reports (Open/Closed)
- 12.1) Extremely Low Probability of Rupture (JSA/CLB)
  - 12.2) Response to the January 24, 2012, EDO Letter Regarding the COL Application for Levy Nuclear Plant, Units 1 and 2 (HBR/PCW)
  - 12.3) Selected Chapters of the SER with Open Items Associated with the Calvert Cliffs Unit 3 COL Application (DAP/KDW)
  - 12.4) Spent Fuel Pool Scoping Study (JSA/CLB)
  - 12.5) Final SER Associated with the License Renewal Application for the Columbia Generating Station (JDS/KLH)
  - 12.6) Risk-Informed Regulatory Framework for New Reactors (JWS/JCL)
  - 12.7) Draft Final NUREG-1921, "Fire HRA Guidelines" (JWS/JCL)

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, APRIL 14, 2012, CONFERENCE ROOM T-2B1, 11545 ROCKVILLE PIKE, ROCKVILLE, MARYLAND**

- 13) 8:30 AM - 11:30 AM      Preparation of ACRS Reports (Open/Closed)
- Continue discussion of the proposed ACRS reports listed under Item 12. 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)]**

- 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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