



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

**AGENDA  
640th ACRS MEETING  
FEBRUARY 9-11, 2017  
11545 ROCKVILLE PIKE, ROCKVILLE, MD**

**THURSDAY, FEBRUARY 9, 2017, CONFERENCE ROOM T-2B1**

- 1) 8:30 AM – 8:35 AM      Opening Remarks by the ACRS Chairman (Open) (DCB/ADV)
- 1.1) Opening Statement
  - 1.2) Items of Current Interest
- 2) 8:35 AM – 11:30 AM      Selected Chapters of the Safety Evaluation Reports (SERs) with Open Items Associated with the Advanced Power Reactor 1400 (APR 1400) Design Certification and Selected Topical Reports (Open/Closed) (RB/CLB)
- 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff and Korea Hydro & Nuclear Power regarding selected chapters of the SER with Open Items associated with the APR 1400 Design Certification and selected topical reports

**[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)]**

**11:30 AM – 1:00 PM**

**\*\*\* LUNCH \*\*\***

- 3) 1:00 PM – 2:30 PM      Draft Final Regulatory Guide 1.207, "Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments and Fatigue Analyses of Metal Components" (Open) (PR/CLB)
- 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefings by and discussion with representatives of the NRC staff regarding the subject draft regulatory guide

**2:30 PM – 2:45 PM**

**\*\*\* BREAK \*\*\***

- 4) 2:45 PM – 4:15 PM      Generic Quality Assurance Lessons Learned – New Reactors  
(Open) (HBR/WW)
- 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefings by and discussion with representatives of the NRC staff regarding generic quality assurance lessons learned in regard to new reactor activities

- 5) 4:15 PM – 6:00 PM      Preparation of ACRS Reports (Open/Closed)
- 5.1) Selected Chapters of the Safety Evaluation Reports (SERs) with Open Items Associated with the Advanced Power Reactor 1400 (APR 1400) Design Certification and Selected Topical Reports (RB/CLB)
  - 5.2) Draft Final Regulatory Guide 1.207, “Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments Fatigue Analyses of Metal Components” (PR/CLB)

**[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, FEBRUARY 10, 2016, CONFERENCE ROOM T-2B1**

- 6) 8:30 AM – 10:00 AM      Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open/Closed) (DCB/ADV)
- 6.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the Full Committee during future ACRS meetings
  - 6.2) 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.]**

7) 10:00 AM – 10:15 AM      Reconciliation of ACRS Comments and Recommendations  
(Open) (DCB/ADV/MLB)  
7.1) Discussion of the responses from the NRC Executive  
Director for Operations to comments and  
recommendations included in recent ACRS reports and  
letters

**10:15 AM - 10:30 AM**                      **\*\*\* BREAK \*\*\***

8) 10:30 AM – 11:30 AM      Re-evaluation of ACRS Research Review Process and Report  
(Open) (JLR/HPN)  
8.1) Discussion by Member Rempe on the above subject

**11:30 AM – 1:00 PM**                      **\*\*\* LUNCH \*\*\***

9) 1:00 PM – 6:00 PM      Preparation of ACRS Reports (Open/Closed)  
9.1) Continue discussion of the proposed ACRS reports listed  
under Item 5

**[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, FEBRUARY 11, 2017, CONFERENCE ROOM T-2B1**

10) 8:30 AM – 11:30 AM      Preparation of ACRS Reports (Open/Closed)  
10.1) Continue discussion of the proposed ACRS reports listed  
under Item 5

**[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)]**

11) 11:30 AM – 12:00 PM      Miscellaneous (Open) (DCB/ADV)  
11.1) 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.