



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

October 8, 2019

**AGENDA
668th ACRS MEETING
November 6-9, 2019
11545 Rockville Pike, Rockville, MD**

WEDNESDAY, NOVEMBER 6, 2019, T-2D10

- 1) 1:00 PM – 1:05 PM Opening Remarks by the ACRS Chairman (Open) (PCR/SM)
- 1.1) Opening Statement
 - 1.2) Items of Current Interest
- 2) 1:05 PM – 2:30 PM White Paper Addressing Adequacy of RG. 1.99, "Radiation Embrittlement of Reactor Vessel Materials," Revision 2, and Working Group efforts (Open) (RB/CB)
- 2.1) Remarks by the Subcommittee Chairman
 - 2.2) Briefing and discussion with representatives of the NRC staff regarding the subject topic
 - 2.3) Preparation of reports
- 3) 2:30 PM – 4:00 PM Brunswick Atrium 11 Fuel Transition and Application/Framatome (Open/Closed) (JM-L/ZA)
- 3.1) Remarks by the Subcommittee Chairman
 - 3.2) Briefing and discussion with representatives of the NRC staff and Framatome regarding the subject topic
 - 3.3) Preparation of 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)]

4:00 PM – 4:15 PM

***** BREAK *****

- 4) 4:15 PM – 6:00 PM Preparation for December Meeting with Commission/Preparation of Reports (Open) (PCR/LB)
- 4.1) Committee preparations
 - 4.2) Preparation of Reports

THURSDAY, NOVEMBER 7, 2019, T-2D10

- 5) 8:30 AM – 12:00 PM NuScale Design Certification Application Safety Evaluation
(Open/Closed) (WLK/MS)
- 5.1) Discussion of the need for further briefings by the staff to support the Committee’s Review (Chapters 5 & 13)*
 - 5.2) Preparation of Reports
 - 5.3) Preparation for Commission Meeting

*Specific chapters are subject to change. Please call 301-415-2241 for the latest information.

[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)]

12:00 PM – 1:00 PM

***** LUNCH *****

- 6) 1:00 PM – 2:30 PM USAPWR Chapters 8, 18, and Advanced Accumulator Topical Report (Open/Closed) (MWS/CB)
- 6.1) Remarks by the Subcommittee Chairman
 - 6.2) Briefing and discussion with representatives of the NRC staff and Mitsubishi regarding the subject topic
 - 6.3) Preparation of 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)]

7) 2:30 PM – 3:30 PM

- NUREG/KM-0013, “Credibility Assessment Framework for Critical Boiling Transition Models” (Open) (JM-L/ZA)
- 7.1) Remarks by the Subcommittee Chairman
 - 7.2) Briefing and discussion with representatives of the NRC staff regarding the subject topic
 - 7.3) Preparation of reports

3:30 PM – 3:45 PM

***** BREAK *****

- 8) 3:45 PM – 6:00 PM Preparation of ACRS Reports/NuScale Chapters Discussion
(Open/Closed)
- 8.1) Working Group & White Paper Addressing Adequacy of RG. 1.99, “Radiation Embrittlement of Reactor Vessel Materials,” Revision 2 (RB/CB)
 - 8.2) Brunswick Atrium 11/Framatome (JM-L/ZA)
 - 8.3) USAPWR Chapters 8, 18, and Advanced Accumulator Topical Report (MWS/CB)
 - 8.4) NUREG/KM-0013, “Credibility Assessment Framework for Critical Boiling Transition Models” (JM-L/ZA)
 - 8.5) NuScale Chapters Discussion under 5.1

[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)].

[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].

FRIDAY, NOVEMBER 8, 2019, T-2D10

9) 8:30 AM – 10:30 AM

Future ACRS Activities/Report of the Planning and Procedures Subcommittee and Reconciliation of ACRS Comments and Recommendations (Open/Closed) (PCR/SM)

- 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
- 9.3) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
- 9.4) Preparation of reports

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10:30 AM – 10:45 AM

***** BREAK *****

10) 10:15 AM – 12:00 PM

Preparation of ACRS Reports/NuScale Chapters Discussion
(Open/Closed)

10.1) Continue discussion of the proposed ACRS report(s) listed under Item 8

10.2) NuScale Chapters Discussion under 5.1

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12:00 PM – 1:00 PM

***** LUNCH *****

11) 1:00 PM – 6:00 PM

Preparation of ACRS Reports/NuScale Chapters Discussion
(Open/Closed)

11.1) Continue discussion of the proposed ACRS report(s) listed under Item 8

11.2) NuScale Chapters Discussion under 5.1

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SATURDAY, NOVEMBER 9, 2019, T-2D10

12) 8:30 AM – 12:00 PM

Preparation of ACRS Reports/NuScale Chapters Discussion
(Open/Closed)

12.1) Continue discussion of the proposed ACRS report(s) listed under Item 8

12.2) NuScale Chapters Discussion under 5.1

[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)]

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NOTES:

- The bridgeline number for the meeting is 866-822-3032, passcode 8272423#.
- 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.

October 8, 2019

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