



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

September 14, 2022

**AGENDA  
699<sup>th</sup> ACRS MEETING  
October 5-7, 2022  
11545 Rockville Pike, Rockville, MD**

**\*This will be a hybrid meeting with both in-person and remote capability. The bridgeline number for the meeting is 301-576-2978, passcode 935143749#. All times are Eastern.**

**Microsoft Teams meeting**

[Click here to join the meeting](#) (press CTRL and click)

**Or call in (audio only) [+1 301-576-2978,,935143749#](#)**

**If you would like the MSTEams link forwarded to you, please contact the Designated Federal Officer as follows: [Quynh.Nguyen@nrc.gov](mailto:Quynh.Nguyen@nrc.gov) or [Lawrence.Burkhart@nrc.gov](mailto:Lawrence.Burkhart@nrc.gov) .**

**WEDNESDAY, OCTOBER 5, 2022**

- |    |                           |   |
|----|---------------------------|---|
| 1) | 8:30 AM – 8:35 AM         | <u>Opening Remarks by the ACRS Chairman</u> (Open) (JLR/LJB)<br>1.1) Opening Statement<br>1.2) Agenda and Items of Current Interest   |
| 2) | 8:35 AM – 10:30 AM        | <u>SECY Paper on Fusion Energy Systems Regulatory Framework</u><br>(Open) (DP/DW)<br>2.1) Remarks from the Subcommittee Chairman<br>2.2) Presentations and discussion with representatives from the NRC staff<br>2.3) Committee Deliberation<br>2.4) Preparation of Reports |
| 3) | 10:30 AM – 11:30 AM       | <u>Committee Deliberation on SECY Paper on Fusion Energy Systems Regulatory Framework</u> (Open) (DP/DW)<br>3.1) Committee Deliberation<br>3.2) Preparation of Reports  |
|    | <b>11:30 AM – 1:00 PM</b> | <b>*** LUNCH ***</b>  |

- 4) 1:00 PM – 3:00 PM NuScale Topical Report, "Methodology for Establishing the Technical Basis for Plume Exposure Emergency Planning Zones," Revision 2 (Open/Closed) (WK/MS)
- 4.1) Remarks from the Subcommittee Chairman
  - 4.2) Presentations and discussion from representatives from the NuScale and NRC staffs
  - 4.3) Committee Deliberation
  - 4.4) Preparation of Reports

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed in order to discuss and protect information designated as proprietary.]**

- 5) 3:00 PM – 4:00 PM Committee Deliberation on NuScale Topical Report, "Methodology for Establishing the Technical Basis for Plume Exposure Emergency Planning Zones," Revision 2 (Open/Closed) (WK/MS)
- 5.1) Committee Deliberation
  - 5.2) Preparation of Reports

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed in order to discuss and protect information designated as proprietary.]**

- 6) 4:00 PM – 6:00 PM Preparation of Reports (Open/Closed) (JR/SM)
- 6.1) Committee Deliberation
  - 6.2) Report Preparation

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed in order to discuss and protect information designated as proprietary.]**

**\*\*\*Breaks at discretion of the Chairman \*\*\***

**THURSDAY, OCTOBER 6, 2022**

- 7) 8:30 AM – 11:45 AM Planning and Procedures Session/Future ACRS Activities/Reconciliation of ACRS Comments and Recommendations/Preparation of Reports/SHINE Memoranda Review and Deliberation (Open/Closed) (JLR/SM)
- 7.1) Discussion of the recommendations of the Planning and Procedures Subcommittee
  - 7.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
  - 7.3) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
  - 7.4) Reconciliation of ACRS reports and NRC staff responses

- 7.5) Preparation of Reports
- 7.6) Other Committee Business

**[NOTE: Pursuant to 5 U.S.C. 552b(c)(2), a portion of this meeting may be closed to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS.]**

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed in order to discuss and protect information designated as proprietary.]**

**\*\*\*Breaks at discretion of the Chairman \*\*\***

**11:45 AM – 1:30 P.M.**

**\*\*\* Lunch \*\*\***

- 8) 1:30 PM – 3:00 PM      Research Briefing on Materials Harvesting (Open) (MS/HN)
  - 8.1) Remarks from the Subcommittee Chairman
  - 8.2) Presentation and discussion with the NRC staff
- 9) 3:00 PM - 6:00 PM      Preparation of Reports (Open/Closed) (JR/LB)
  - 9.1) Committee Deliberation
  - 9.2) Preparation of Reports

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed in order to discuss and protect information designated as proprietary.]**

**FRIDAY, OCTOBER 7, 2022**

- 10) 8:30 AM – 6:00 PM      Preparation of Reports (Open/Closed) (JR/LB)
  - 10.1) Committee Deliberation
  - 10.2) Preparation of Reports

**[NOTE: Pursuant to 5 U.S.C 552b(c)(4), a portion of this session may be closed in order to discuss and protect information designated as proprietary.]**

**[NOTE: Pursuant to 5 U.S.C. 552b(c)(2), a portion of this meeting may be closed to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS.]**

**NOTES:**

Participants on the line will be muted except when the Chairman opens the meeting to public comment. When appropriate, members of the public and representatives of the nuclear industry may provide their views during the briefings. 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. One (1) electronic copy of the presentation materials should be provided to the ACRS in advance of the briefing.

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<b>OFFICE</b>	<b>ACRS</b>	<b>SUNSI Review</b>	<b>ACRS</b>	<b>ACRS</b>
<b>NAME</b>	LBurkhart	LBurkhart	SMoore	JRempe
<b>DATE</b>	9/9/2022	9/9/2022	9/12/2022	9/12/2022

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