



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

April 9, 2025

**AGENDA  
725<sup>th</sup> ACRS MEETING  
May 6-9, 2025  
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 257672354#. All times are Eastern.**

[Join the meeting now](#)

Meeting ID: 224 998 913 307

Passcode: jG9ht3Se

**Or call in (audio only) +301-576-2978, passcode 257672354#**

**If you would like the MTeams 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) .**

**TUESDAY, MAY 6, 2025**

- |                      |   |
|----------------------|---|
| 1) 1:00 PM – 1:35 PM | <u>Opening Remarks by the ACRS Chairman</u> (Open) (WK/MB)<br>1.1) Opening statement<br>1.2) Agenda and items of current interest   |
| 2) 1:35 PM – 3:30 PM | <u>NuScale Standard Design Approval Application (SDAA) Topics and Letter Report</u> (Open) (WK/MS)<br>2.1) Remarks from the Subcommittee Chair<br>2.2) Presentations and discussions with applicant representatives and NRC staff<br>2.3) Public comments<br>2.4) Committee deliberation<br>2.5) Preparation of reports |
| 3) 3:30 PM – 5:30 PM | <u>Committee Deliberation on NuScale SDAA Topics and Letter Report</u> (Open) (WK/MS)<br>3.1) Committee deliberation<br>3.2) Preparation of reports   |

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

**WEDNESDAY, MAY 7, 2025**

- 4) 8:30 AM – 10:30 AM      TerraPower Natrium Topical Report on Source Term Methodology (Open/Closed) (TR/DP/KH)
- 4.1)    Remarks from Subcommittee Chair
  - 4.2)    Presentations and discussions with NRC Staff and Application representatives
  - 4.3)    Public Comments
  - 4.4)    Committee deliberation
  - 4.5)    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) 10:30 AM – 1:00 PM      Committee Deliberation on TerraPower Natrium Topical Report on Source Term Methodology (Open/Closed) (TR/DP/KH)
- 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.]**

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

- 6) 1:00 PM – 6:00 PM      Seabrook Nuclear Station Alkali Silica Reaction Topic/Report Preparation/Preparation of Reports (Open/Closed) (GH/QN)
- 6.1)    Discussion with NRC Staff
  - 6.2)    Public Comments
  - 6.3)    Committee deliberation
  - 6.4)    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.]**

**THURSDAY, MAY 8, 2025**

- 7) 8:30 AM – 5:00 PM      Planning and Procedures Session/Future ACRS Activities/Reconciliation of ACRS Comments and Recommendations/Preparation of Reports (Open/Closed) (WK/MB)
- 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) Preparation of reports
- 7.5) 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 and Lunch at discretion of the Chairman\*\*\***

**FRIDAY, MAY 9, 2025**

8) 8:30 AM – 5:00 PM

Preparation of Reports (Open/Closed) (WK/MB)

- 8.1) Discussion of the recommendations of the Planning and Procedures Subcommittee
- 8.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
- 8.3) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
- 8.4) Preparation of reports
- 8.5) 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 and Lunch at discretion of the Chairman\*\*\***

## **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 in the allotted public comment time. Presentation time should not exceed 50 percent of the total time allocated for a given topic. 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 staff at least three (3) full working days before the briefing. Public Comments should be limited to 5 minutes each.

If you need a reasonable accommodation due to a disability to participate in this meeting or need meeting materials in another format (e.g. braille, large print), please email [Reasonable\\_Accommodations.Resource@nrc.gov](mailto:Reasonable_Accommodations.Resource@nrc.gov) and the Designated Federal Officer. Determinations on requests for reasonable accommodation will be made on a case-by-case basis, and the agency may choose between which effective accommodations to provide. At least ten (10) days advance notice is recommended in order for a request to be processed and implemented if approved. However, every effort will be made to address any reasonable accommodations requests received with less notice.

If you have difficulty understanding and/or communicating in English, free language assistance or other aids and services may be available, upon request. Please email [lepresources@nrc.gov](mailto:lepresources@nrc.gov) and the Designated Federal Officer. Determinations on requests will be made on a case-by-case basis. At least ten (10) days advance notice is recommended in order for a request to be processed and implemented if approved. However, every effort will be made to address any reasonable accommodations requests received with less notice.

## **NRC's ACRS Federal Advisory Committee Act (FACA) Information:**

The ACRS was established by statute and is governed by the Federal Advisory Committee Act, or FACA. The NRC implements FACA in accordance with its regulations found in [Title 10 Part 7 of the Code of Federal Regulations](#). Per these regulations and the [Committee's Bylaws](#), the ACRS speaks only through its published [letter reports](#). All Member comments should be regarded as only the individual opinion of that Member, not an ACRS position.

The ACRS, consistent with the Agency's value of public transparency in regulation of nuclear facilities, provides opportunity for public input and comment during our proceedings. Members of the public can provide written comments to the Designated Federal Officer that will be included in the meeting transcript. Members of the public may also make comments at designated times in the agenda.

All relevant information related to ACRS activities, such as letters, rules for meeting participation and transcripts are located on the [NRC public website](#) and can be found at "[About Us ACRS](#)". A transcript of this meeting is being kept and will be posted on our website. For additional information about ACRS scan or click on the QR code below.



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<b>DATE</b>	04/02/2025	04/02/2025	04/02/2025	04/04/2025

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