



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

March 11, 2025

**AGENDA  
724<sup>th</sup> ACRS MEETING  
April 2-4, 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 227690711#. All times are Eastern.**

**[Join the meeting now](#)**

Meeting ID: 217 577 789 500  
Passcode: Yt2cr2PH

**Or call in (audio only) +301-576-2978, passcode 227690711#**

**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) .**

**WEDNESDAY, APRIL 2, 2025**

- 1) 8:30 AM – 8:35 AM Opening Remarks by the ACRS Chair (Open) (WK/MB)
  - 1.1) Opening statement
  - 1.2) Agenda and items of current interest
  
- 2) 8:35 AM – 10:30 AM NuScale Standard Design Approval Application Topics Including NuScale Topical Reports on Extended Passive Cooling and Reactivity Control Methodology and Non-LOCA Methodology (Open/Closed) (WK/RM/MS)
  - 2.1) Remarks from the Subcommittee Chair
  - 2.2) Presentations and discussions with applicant representatives and NRC staff
  - 2.3) Committee deliberation
  - 2.4) 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.]**

- 3) 10:30 AM – 1:00 PM Committee Deliberation on NuScale Standard Design Approval

Application Including the NuScale Topical Reports on Extended Passive Cooling and Reactivity Control Methodology and Non-LOCA Methodology (Open/Closed) (WK/RM/MS)

- 3.1) Committee deliberation
- 3.2) 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 Chair\*\*\***

- 4) 1:00 PM – 3:00 PM Terrestrial Energy Topical Report on Principal Design Criteria (Open/Closed) (SP/CB)
  - 4.1) Remarks for the Subcommittee Chair
  - 4.2) Presentations and discussions with the NRC staff and applicant representatives
  - 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 – 6:00 PM Committee Deliberation on Terrestrial Energy Topical Report on Principal Design Criteria (Open/Closed) (SP/CB)
  - 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 Chair\*\*\***

**THURSDAY, APRIL 3, 2025**

- 6) 8:35 AM – 1:00 PM Planning and Procedures Session/Future ACRS Activities/Reconciliation of ACRS Comments and Recommendations/Preparation of Reports (Open/Closed) (WK/MB)
  - 6.1) Discussion of the recommendations of the Planning and Procedures Subcommittee
  - 6.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
  - 6.3) Discussion of the responses from the NRC Executive Director for Operations to comments and

recommendations included in recent ACRS reports and letters

- 6.4) Preparation of reports
- 6.5) 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\*\*\***

- 7) 1:00 PM – 6:00 PM ADVANCE Act Information Briefing/Preparation of Reports (Open (WK/MB))
  - 7.1) Discussion with the NRC staff
  - 7.2) Committee deliberation
  - 7.3) Preparation of reports

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

**FRIDAY, APRIL 4, 2025**

- 8) 8:30 AM – 5:00 PM Preparation of Reports/Committee Deliberation (Open/Closed) (WK/MB)
  - 8.1) Preparation of reports
  - 8.2) Committee Deliberations

**[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. 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. Public Comments should be limited to 5 minutes each.

**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 a Committee position. 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 easily found by typing "About Us ACRS" in the search field on NRC's home page.

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. We have also set aside time at the end of this meeting for public comments.

The ACRS will gather information, analyze relevant issues and facts and formulate proposed conclusions and recommendations, as appropriate, for deliberation by the full committee.

A transcript of the meeting is being kept and will be posted on our website. When addressing the Committee, the participants should first identify themselves and speak with sufficient clarity and volume so that they may be readily heard.

March 11, 2025

**AGENDA**  
**724<sup>th</sup> ACRS MEETING**  
**April 2-4, 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 227690711#. All times are Eastern.**

**Accession No: ML25065A195**

**Publicly Available Y**

**Sensitive N**

**Viewing Rights:** ☒ NRC Users or ☐ ACRS Only or ☐ See Restricted distribution

<b>OFFICE</b>	<b>ACRS</b>	<b>SUNSI Review</b>	<b>ACRS</b>	<b>ACRS</b>
<b>NAME</b>	LBurkhart	LBurkhart	MBailey	WKirchner
<b>DATE</b>	03/06/2025	03/06/2025	03/06/2025	03/07/2025

**OFFICIAL RECORD COPY**