



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

October 8, 2024

**AGENDA  
720<sup>th</sup> ACRS MEETING  
November 6-8, 2024  
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 887 935 620 #. All times are Eastern.**

**Microsoft Teams meeting**

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

Meeting ID: 273 639 156 841

Passcode: WhLPpt

**Or call in (audio only) +301-576-2978, passcode 887 935 620 #**

**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, NOVEMBER 6, 2024**

- 1) 8:30 AM – 8:35 AM Opening Remarks by the ACRS Chairman (Open) (WK/SM)
  - 1.1) Opening statement
  - 1.2) Agenda and items of current interest
  
- 2) 8:35 AM – 10:30 AM Draft White Paper, “Nth-of-a-Kind Micro-Reactor Licensing and Deployment Considerations” (Open) (VB/DW)
  - 2.1) Remarks from the Subcommittee Chair
  - 2.2) Presentations and discussions with NRC staff
  - 2.3) Committee deliberation
  - 2.4) Preparation of reports
  
- 3) 10:30 AM – 1:00 PM Committee Deliberation on Draft White Paper, “Nth-of-a-Kind Micro-Reactor Licensing and Deployment Considerations” (Open) (RB/CB)
  - 3.1) Committee deliberation
  - 3.2) Preparation of reports

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

- 4) 1:00 PM – 6:00 PM Triennial Review and Evaluation of NRC Safety Research Program/Preparation of Reports (Open) (DP/HN)
- 4.1) Remarks from the Subcommittee Chair
  - 4.2) Discussions with NRC staff
  - 4.3) Committee deliberation
  - 4.4) Preparation of reports

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

**THURSDAY, NOVEMBER 7, 2024**

- 5) 8:30 AM – 10:15 AM TerraPower Natrium Topical Report on Plume Exposure Pathway Emergency Planning Zone (Open/Closed) (TR/KH)
- 5.1) Remarks from the Subcommittee Chair
  - 5.2) Presentations and discussions with NRC staff
  - 5.3) Committee deliberation
  - 5.4) 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.]**

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

- 6) 10:15 AM – 11:15 AM Committee Deliberation on the TerraPower Natrium Topical Report on Plume Exposure Pathway Emergency Planning Zone (Open/Closed) (TR/KH)
- 6.1) Remarks from the Subcommittee Chair
  - 6.2) Presentations and discussions with NRC staff
  - 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.]**

**11:15 AM – 1:15 PM      \*\*\* Lunch \*\*\***

- 7) 1:15 PM – 6:00 PM Planning and Procedures Session/Future ACRS Activities/Reconciliation of ACRS Comments and Recommendations/Preparation of Reports (Open/Closed) (WK/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) 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 at discretion of the Chairman\*\*\***

**FRIDAY, NOVEMBER 8, 2024**

- 8) 8:30 AM – 6:00 PM Committee Deliberation and Preparation of Reports (Open)  
(WK/SM)
  - 8.1) Committee deliberation
  - 8.2) Preparation of reports

**\*\*\*Lunch and Breaks 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 received no written statements or requests to make an oral statement from the public. 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.

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<b>NAME</b>	LBurkhart	LBurkhart	SMoore	WKirchner
<b>DATE</b>	10/3/2024	10/3/2024	10/3/2024	10/3/2024

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