



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

March 7, 2023

**AGENDA
704th ACRS MEETING
April 5 - 7, 2023
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 247527668#. All times are Eastern.**

Microsoft Teams meeting

[Click here to join the meeting](#)

If you would like the MTeams link forwarded to you, please contact the Designated Federal Officer as follows: Quynh.Nguyen@nrc.gov or Lawrence.Burkhart@nrc.gov .

WEDNESDAY, April 5, 2023

- 1) 8:30 AM – 8:35 AM Opening Remarks by the ACRS Chairman (Open) (JLR/SM)
 - 1.1) Opening Statement
 - 1.2) Agenda and Items of Current Interest

- 2) 8:35 AM – 1:00 PM International Outreach Activities/ACRS Retreat Follow-up Items: Design Reviews, Topical Report Reviews, Committee Work Methods (Open) (JLR/SM)
 - 2.1) Committee Discussion and Deliberation
 - 2.2) Preparation of Reports

- ***Lunch and Breaks at the Discretion of the Chairman*****

- 3) 1:00 PM – 5:00 PM Roadmap of Digital Instrumentation and Controls Regulatory Requirements, Industry and Staff Guidance/Commission Meeting Preparation (Open) (CB/CA)
 - 3.1) Remarks from Subcommittee Chairman
 - 3.2) Presentation and discussion with representatives from the NRC staff
 - 3.3) Committee Deliberation
 - 3.4) Preparation of Reports
 - 3.5) Commission Meeting Preparation

*****Breaks at the Discretion of the Chairman*****

THURSDAY, APRIL 6, 2023

- 4) 8:30 AM – 1:00 PM Kairos Topics Discussion/Planning and Procedures Session/International Outreach Activities/Future ACRS Activities/Reconciliation of ACRS Comments and Recommendations/Preparation of Reports/Commission Meeting Preparation (Open/Closed) (JLR/SM)
- 4.1) Discussion of Kairos Topics
 - 4.2) Discussion of the recommendations of the Planning and Procedures Subcommittee
 - 4.3) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
 - 4.4) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
 - 4.5) Reconciliation of ACRS reports and NRC staff responses
 - 4.6) Preparation of Reports
 - 4.7) Commission Meeting Preparation
 - 4.8) International Outreach Activities
 - 4.9) 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.]

*****Lunch and breaks at discretion of the Chairman*****

- 5) 1:00 PM – 6:00 PM Terrapower Sodium Reactor Design Overview and 3-D Model Walkthrough (Open/Closed) (WK/KH)
- 5.1) Remarks from the Subcommittee Chairman
 - 5.2) Presentations and discussion with representatives from Terrapower
 - 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 the Discretion of the Chairman*****

FRIDAY, APRIL 7, 2023

- 6) 8:30 AM – 1:00 PM Kairos Topics Discussion/Planning and Procedures Session Continued/International Outreach Activities/Future ACRS Activities/Reconciliation of ACRS Comments and Recommendations/Preparation of Reports/Commission Meeting Preparation (Open/Closed) (JLR/SM)
- 6.1) Discussion of Kairos Topics
 - 6.2) Discussion of the recommendations of the Planning and Procedures Subcommittee
 - 6.3) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
 - 6.4) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
 - 6.5) Reconciliation of ACRS reports and NRC staff responses
 - 6.6) Preparation of Reports
 - 6.7) Commission Meeting Preparation
 - 6.8) International Outreach Activities
 - 6.9) 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.]

*****Lunch and breaks at discretion of the Chairman*****

- 7) 1:00 PM - 6:00 PM Preparation of Reports/Commission Meeting Preparation (Open/Closed) (JLR/SM)
- 7.1) Committee Deliberation
 - 7.2) Preparation of Reports
 - 7.3) Commission Meeting 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 *****

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.

March 7, 2023

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DATE	3/3/2023	3/3/2023	3/5/2023	3/5/2023

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