



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

June 16, 2025

**AGENDA
727th ACRS MEETING
July 9 - 11, 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 671230363#. All times are Eastern.**

Microsoft Teams meeting

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Meeting ID: 261 912 691 632 1

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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 .

WEDESDAY, JULY 9, 2025

- 1) 8:30 AM – 8:35 AM Opening Remarks by the ACRS Chairman (Open) (WK/MB)
 - 1.1) Opening statement
 - 1.2) Agenda and items of current interest

- 2) 8:35 AM – 10:30 AM X-energy Topical Report on Mechanistic Source Term Approach (Open/Closed) (RM/DW)
 - 2.1) Remarks from Subcommittee Chairman
 - 2.2) Committee deliberation
 - 2.3) 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 – 5:00 PM Committee Deliberation on X-energy Topical Report on Mechanistic Source Term Approach (Open/Closed) (RM/DW)
 - 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 Chairman*****

THURSDAY, JULY 10, 2025

- 4) 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)
- 4.1) Discussion of the recommendations of the Planning and Procedures Subcommittee
 - 4.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
 - 4.3) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters
 - 4.4) Preparation of reports
 - 4.5) 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, JULY 11, 2025

- 5) 8:30 PM – 5:00 PM Preparation of Reports (Open/Closed) (WK/MB)
- 5.1) Discussion of the recommendations of the Planning and Procedures Subcommittee
 - 5.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments
 - 5.3) Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters

- 5.4) Preparation of reports
- 5.5) 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:

In accordance with the purposes of Sections 29 and 182b of the Atomic Energy Act (42 U.S.C. 2039, 2232(b)), the Advisory Committee on Reactor Safeguards (ACRS) will hold this Full Committee meeting. In addition, the ACRS is implementing [Executive Order \(EO\) 14300, "Ordering the Reform of the Nuclear Regulatory Commission," dated May 23, 2025](#). Section 4.(b) of the EO states, in part, that the functions of the Advisory Committee on Reactor Safeguards (ACRS) shall be reduced to the minimum necessary to fulfill ACRS's statutory obligations and that review by ACRS of permitting and licensing issues shall focus on issues that are truly novel and noteworthy. The ACRS will only undertake other work as directed by the Commission in accordance with Sections 29 and 182b of the Atomic Energy Act.

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.

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 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 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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OFFICE	ACRS	SUNSI Review	ACRS	ACRS
NAME	LBurkhart	LBurkhart	MBailey	WKirchner
DATE	06/9/2025	06/9/2025	06/10/2025	06/10/2025

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