

ACRS Full Committee and Subcommittee Structure (January 2026)

Committee Officers

Chairman: Greg Halnon **Vice Chairman:** Dave Petti **Member-at-Large:** Craig Harrington

In order to perform effectively and efficiently to advise the Commission, the Committee requires a balance of member expertise on: accident analyses; thermal hydraulics; nuclear fuels (including light-water reactor fuels, advanced non-light water reactor fuels, liquid fuels, and use of high-assay low-enriched uranium); reactor physics; materials for light-water and non-light water reactor structures, systems and components, often in high-temperature and fluence environments; equipment reliability; seismic and civil/structural engineering; digital instrumentation and control and electrical systems; human factors in reactor operation; probabilistic risk assessment; and general knowledge on plant operations, including regulatory expertise.

Subcommittees

In June 2025, the ACRS began implementation of [Executive Order \(EO\) 14300, “Ordering the Reform of the Nuclear Regulatory Commission,”](#) Section 4.(b) in accordance with Commission direction. The ACRS Subcommittee Structure aligns with the ACRS's statutory obligations. As shown in this [flowchart](#), all ACRS reviews will now focus on issues that are unique, novel and noteworthy. Subcommittees convene when the ACRS needs to review a specific issue.

New Reactors Subcommittee, Chairman Walt Kirchner

This subcommittee reviews new reactor applications and associated documents with a focus on the unique, novel and noteworthy design aspects of the reactor. The new reactor applications and associated topical reports will have a lead member for the design centered review as detailed in the attached Design Center Review Table.

Reactor Safety Standards Subcommittee, Chairman Tom Roberts

This Subcommittee reviews proposed reactor safety standards, which includes proposed draft and final rulemakings, regulatory guides, and generic topical reports. The Subcommittee Chairman will work ACRS members and support staff to assign leads to specific reviews.

Plant Operations Subcommittee, Chairman Matt Sunseri

This Subcommittee reviews issues involving operating reactors referred to it by the Commission. The Subcommittee Chairman will work ACRS members and support staff to assign leads to specific reviews. Currently there are two plant operations Subcommittee issues referred to the ACRS by the Commission:

Issue Referred by Commission	Lead Member
Palisades Restart Activities	Halnon
First-of-a-Kind Power Uprates	Sunseri

Note: The ACRS Chairman may assign the review of other safety studies, facility license applications, or matters referred by the Commission to the Subcommittee that the Chairman deems most appropriate.

Design Center Review Table

Design Center	Lead Member
Blue Energy	Kirchner
General Atomics Fast Modular Reactor	Kammerer
GE Vernova BWRX-300 – Tennessee Valley Authority Clinch River	Harrington
Holtec SMR-300	Halnon
Kairos Hermes 1 and 2 Reactors	Petti
NuScale	Kirchner
Oklo – Aurora Powerhouse	Kirchner
Terra Innovatum SOLO microreactor	Palmtag
Terrapower Natrium – Kemmerer Power Station	Roberts
Terrestrial Energy Integral Molten Salt Reactor	Palmtag
X-energy Xe-100 – Dow Chemical Company Long Mott Generating Station	Martin
Westinghouse AP300	Sunseri
Westinghouse AP1000 – Fermi America	Sunseri
Westinghouse eVinci microreactor	Roberts

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