MEETING AGENDA

Advisory Committee for Reactor Safeguards (ACRS)

New Reactors Subcommittee (SC)

Long Mott Generating Station Xe-100 Power Reactor Construction Permit Application (CPA)

(Hybrid)

September 15, 2026 (8:30 AM – 4:30 PM)

Two White Flint North (T2-D10)

11155 Rockville Pike, Rockville, MD 20852

Microsoft Teams meeting

Join: https://teams.microsoft.com/meet/291670493976375?p=bpMMf47bkxmwwkC7sT

Meeting ID: 291 670 493 976 375, Passcode: m2p98Bw6

Dial in by phone: 1 301-576-2978, 419395325#

If you would like the MSTeams link forwarded to you, please contact the Designated Federal Officer as follows: Christopher.Brown@nrc.gov

Item	Topic	Presenter(s)	Time
	OPEN SESSION		
1	**Opening Remarks and Objectives**	**Robert Martin, ACRS SC Chair**	**8:30 - 8:35 A.M.**
2	**Staff Opening Remarks**	**Adrian Muñiz**	**8:35 - 8:40 A.M.**
3	• **Inherent reactivity control and transition from safe state to shutdown state** • **Heat removal systems and RCCS performance** • **Core structural integrity and geometry maintenance** • **Seismic and flooding design aspects**	**LME/X-energy**	**8:40 - 10:35 A.M.**
4	**Break**	**All**	**10:35 - 10:45 A.M.**
5	• **Inherent reactivity control and transition from safe state to shutdown state** • **Heat removal systems and RCCS performance** • **Core structural integrity and geometry maintenance** • **Seismic and flooding design aspects**	**NRC staff:** **Tracy Radel** **Santosh Bhatt** **Pravin Sawant** **Clair Song** **Meg Audrain** **Robert Roche-Rivera**	**10:45 - 11:45 A.M.**
6	**Lunch**	**All**	**11:45 - 12:45 P.M.**
7	**Continuation of Staff's presentation**	**NRC staff**	**12:45 - 2:00 P.M.**
8	**Public Comment**		**2:00 - 2:10 P.M.**

	Closed Session		
9	• **Closed session on topics above**	**LME/X-energy**	**2:10 - 2:45 P.M.**
10	**Break**	**All**	**2:45 - 3:00 P.M.**
11	• **Closed session on topics above**	**NRC staff**	**3:00 - 3:30 P.M.**
12	**Additional Discussion (if needed)**	**Robert Martin, ACRS SC Chair**	**3:30 - 4:30 P.M.**
13	**Adjourn**	**Robert Martin, ACRS SC Chair**	**4:30 P.M.**

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.

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

Additionally, in accordance with the Sections 29 and 182b of the Atomic Energy Act (42 U.S.C. 2039, 2232(b)), the Advisory Committee on Reactor Safeguards (ACRS) *shall* "advise the Commission with regard to the hazards of proposed or existing reactor facilities and the adequacy of proposed safety standards." 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 shall focus on issues that are unique, novel and noteworthy. The review and reporting on new reactor facilities and proposed safety standards are the minimum statutory functions of the ACRS under Sections 29 and 182b of the Atomic Energy Act. The Commission may refer additional duties to the ACRS in accordance with the Act."

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