

# AGENDA

## ADVISORY COMMITTEE ON REACTOR SAFEGUARDS X-Energy Design Center Subcommittee

### X-Energy Xe-100 Principal Design Criteria Topical Report

ROCKVILLE, MARYLAND

August 21, 2024

The Subcommittee is meeting in a hybrid format with both in-person and remote capability. Members of the public may observe the meeting by using the MS Teams link below or using the following bridgeline number to listen into the meeting:

Teleconference Line: 301-576-2978, Passcode: 146870609# All times are Eastern.

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August 21, 2024			
	Topic	Presenter(s)	Time
1.	Opening Remarks	Dr. Robert Martin, ACRS	8:30 – 8:35 AM
2.	Staff Introduction	Stephen Philpott, NRR	8:35 – 8:40 AM
3.	Xe-100 Principal Design Criteria Topical Report	Stephen Vaughn, X-Energy Kyle Metzroth, X-Energy	8:40 – 10:20 AM
	Break		10:20 – 10:30 AM
4.	Xe-100 Principal Design Criteria Topical Report NRC Staff Review	Adrian Muñiz, NRR Ian Jung, NRR Dan Beacon, NRR	10:30 – 11:30 AM
5.	Xe-100 PDC TR CLOSED Q's and A's (if needed) *		11:30 – 11:50 AM
6.	Subcommittee Discussion		11:50 AM – 12:00 PM
	Adjourn		Noon

\* The meeting will be closed if needed for X-Energy to address any questions regarding proprietary information

**Notes:**

During the meeting, 301-415-7360 should be used to contact anyone in the ACRS Office.

“Federal Register Notice 84 FR 27662 (<https://www.govinfo.gov/content/pkg/FR-2019-0613/pdf/2019-12425.pdf> ) dated June 13, 2019, describes procedures to be followed with respect to meetings conducted by the U.S. Nuclear Regulatory Commission’s (NRC’s) Advisory Committee on Reactor Safeguards (ACRS) pursuant to the Federal Advisory Committee Act (FACA) and NRC implementing regulations found at Title 10 of the Code of Federal Regulations Part 7, “Advisory Committees.” Members of the public who desire to provide written or oral input for ACRS Full Committee and Subcommittee meetings may do so and should contact the Designated Federal Official (DFO – listed above) five days prior to the meeting, as practicable. In addition, there will be time allotted at each meeting for the public to provide oral comment.

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 each presentation should be emailed to the Designated Federal Official 1 day before the meeting.