

Advisory Committee on Reactor Safeguards

Accident Analysis Subcommittee

TOPICAL REPORT WCAP-18850-P/NP, REVISION 0,
“ADAPTATION OF THE FULL SPECTRUM LOCA™ (FSLOCA™)
EVALUATION METHODOLOGY
TO PERFORM ANALYSIS OF CLADDING RUPTURE
FOR HIGH BURNUP FUEL”

OPEN/CLOSE to the public

September 16, 2025

11555 Rockville Pike, Rockville, MD

TWF 2D10

*This will be a hybrid meeting with both in-person and remote capability. Members of the public may observe open portions of the meeting by using the MTeams link below or using the bridgeline number. All times are Eastern.

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Dial in by phone

+1 301-576-2978, Passcode ,932680921#

Subcommittee Meeting Chair: Robert Martin

Cognizant ACRS Staff: Weidong Wang (weidong.wang@nrc.gov)

September 16, 2025

	Topic	Presenter(s)	Time
I	ACRS Subcommittee Chairman Opening Remarks	Robert Martin, ACRS	8:30-8:35 am
II	NRR Staff Leadership Opening Remarks	Scott Krepel, NRC	8:35-8:40 am
III	WEC opening Remarks	Jerrold Ewing, WEC	8:40-8:45 am
IV	Open session: Discussion WCAP-18850	Jeffrey Kobelak, WEC	8:45-9:10 am
V	Open session: Staff safety evaluation	Jeremy Dean, John Lehning, Brandon Wise, Jack Vande Polder, NRC staff	09:10-9:40 am
	Opportunity for Public Comment		09:40-9:50 am
	Break		9:50-10:00 am
	CLOSED Session		
VI	Discussion WCAP-18850	Kevin Barber, Aaron Everhard, Brian Ising, WEC	10:00-10:50 am
VII	Staff safety evaluation	Jeremy Dean, John Lehning, Brandon Wise, Jack Vande Polder, NRC staff	10:50-11:40 am
VIII	Member Discussion		11:40-12:00 pm

	End		12:00pm
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***** Breaks at discretion of the Chairman *****

NOTES:

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

“Federal Register Notice 90 FR 17837 published on April 29, 2025, 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 comments.

Participants on this 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 three full working days in advance to the ACRS DFO prior to the briefing.