

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

Thermal-Hydraulic Phenomenon and Reliability and Probabilistic Risk Assessment Joint
Subcommittee Meeting

MEETING AGENDA

for

Southern Nuclear Operating Company Exemption and License Amendment Request for a Risk-
Informed Resolution to GSI-191 for Vogtle Electric Generating Plant Units 1 And 2

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Wednesday, May 19, 2021 Location: Virtual Meeting

	Topic	Presenter	Time/Duration
1	ACRS Subcommittee Chairman Introductory Remarks	Chairman	1:30 PM – 1:35 PM
2	Southern Nuclear Operating Company, Inc. (SNC) Overview of Vogtle LAR and Exemption Request for a Risk-Informed Resolution to GSI-191 <ul style="list-style-type: none"> • Background Information • Timeline of South Texas Project (STP) and Vogtle Risk-Informed Resolution • Overview of Vogtle Risk-Informed Approach (1) Plant Modifications, (2) Testing and Analyses, (3) Risk Quantification, and (4) Sensitivity and Uncertainty Analyses • Summary of Vogtle Technical Report • Summary of Vogtle LAR Submittal Summary of Differences Between Vogtle and STP Risk-Informed Approach	Slides: Ryan Joyce Presenters: Cheryl Gayheart, Matt Horn, and Ryan Joyce	1:35 PM – 3:30 PM
3	Break		3:30 PM- 3:45 PM
4	U.S. Nuclear Regulatory Commission (NRC) Staff Review of Vogtle LAR and Exemption Request for a Risk-Informed Resolution to GSI-191 <ul style="list-style-type: none"> • Background • Comparison of the Approach of Vogtle and STP • NRC Staff Evaluation of Vogtle Generic Letter 2004-02 Analysis (1) Technical 	Slides: Steve Smith Presenters: Caroline Carusone, Steve Smith, and Odunayo Ayegbusi	3:45 AM – 5:30 PM

	Report, (2) Limitations and Conditions, and (3) LAR • Conclusion		
5	If it needs, closed discussion for any proprietary information		5:30 PM - 5:45 PM
6	ACRS Members Comments		5:45 PM - 6:00 PM
6	Meeting Adjourns		6:00 PM

ACRS Notes:

1. The Open bridge number is 866-822-3032, passcode 8272423#.
2. 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.
3. One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting.