

Advisory Committee on Reactor Safeguards

**Joint Plant Operations, Radiation Protection & Fire Protection and Digital I&C
Subcommittee Meeting on the Status of Grid Reliability in Relation to Cyber and Nuclear
Power Plants**

May 17, 2023, 8:30 am - 3:30 pm

Open to the Public

Agenda

Plant Operations Subcommittee Chair: Gregory Halnon
Cognizant Senior Staff Engineer: Christina Antonescu (301) 415-6792,
Christina.Antonescu@nrc.gov

***This meeting will be Hybrid**

Members of the public may join open portions of the meeting by using the MSTeams link below or using the brideline number. All times are Eastern.

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Phone Conference ID: 599 530 027#

If you would like the MSTeams link for the open session forwarded to you, please contact the Designated Federal Officer: Christina.Antonescu@nrc.gov

Topic		Presenter	Time
Wednesday, May 17			
I	Opening Remarks by Chairman	Greg Halnon, ACRS	8:30 am - 8:35 am
II	Introductory Remarks	Brian Yip, NSIR/DPCP/CSB	8:35 am - 8:45 am
III	NPP Cybersecurity Current Status and Contemporary Threats <ul style="list-style-type: none">- Overview of cybersecurity protections for operating NPPs- Monitoring of digital systems for threats and vulnerabilities- Inspection and oversight program	Brian Yip, NSIR/DPCP/CSB Daniel Warner, NSIR/DPCP/CSB	8:45 am - 10:15 am
	Break	At Chairman's discretion	10:15 am - 10:30 am

IV	Government Interaction: Coordination Between NRC/NERC/FERC and Role of DOE and CISA <ul style="list-style-type: none"> - Overview of cybersecurity requirements for balance of plant digital assets, including engagement between NRC and FERC on applicability of NERC CIP standards - NRC/FERC MOU - Protections for grid and power conversion - NRC and licensee engagement with DHS/CISA on cyber issues 	Daniel Warner, NSIR/DPCP/CSB Jorge Cintron-Rivera, NRR/DEX/ELTB Ryan Bechtel, DHS/CISA	10:30am - 12:00Noon
	Lunch Break		12:00 Noon - 1:00 pm
V	Cybersecurity for Advanced Reactors and Staff Preparation for Emerging Technologies <ul style="list-style-type: none"> - Overview of staff research in support of advanced reactor cybersecurity engagement - Future-focused research on artificial intelligence/machine learning - Overview of the advanced reactor cybersecurity approach proposed in the 10 CFR Part 53 rulemaking 	Doug Eskins, RES/DE/ICEEB Anya Kim, RES/DE/ICEEB Ismael Garcia, NSIR/DPCP	1:00 pm- 3:00 pm
VI	Public Comments	Members of the Public	3:00 pm - 3:15 pm
VII	Closing Remarks by Chairman	Greg Halnon, ACRS	3:15 pm - 3:30 pm

Notes:

- **“Federal Register Notice 84 FR 27662 (<https://www.govinfo.gov/content/pkg/FR-2019-06-13/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) five days prior to the meeting, as**

practicable. In addition, there will be time allotted at each meeting for the public provide oral comment. The DFO will be listed in the FRN for Full Committee meetings and the agendas for Subcommittee meetings.

- **Participants on the public line will be muted except when the subcommittee 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 at the designated or announced times, depending on the progress of the meeting.**
- **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 to the ACRS staff in advance of the meeting.**