T7 Security of Digital Systems

This NRC and Industry panel discussion will address the applicability and the use of guidance on safety system security for licensing digital systems and protection against cyber attacks and the industry will discuss their experiences with cyber security rule making and compliance. Presentations will include the application of Regulatory Guide (RG) 1.152 (Revision 2) for licensing new and modified safety systems, and RG 5.71 for implementing the new cyber security rule, 10 CFR 73.54. As well as a presentation from Oconee regarding system and software security aspects of the RPS/ESPS license amendment.

Session Co-Chairs: William Kemper, Branch Chief, Division of Engineering, NRC/NRR

Scott Morris, Deputy Director, Reactor Security, NRC/NSIR

Speakers/Panelists:

Application of Regulatory Guide 1.152 for Review of Safety Systems
Presentation View *Handout View*

Timothy Mossman, Electronics Engineer, NRC/NRR

Part 73 Cyber Security
Presentation View *Handout View*

Craig Erlanger, Branch Chief, NRC/NSIR

Cyber Security Aspects of the Oconee Digital RPS/ES
Presentation View *Handout View*

Michael Bailey, Digital Process System Supervisor, Duke Energy

Cyber Security - Industry Experiences
Presentation View *Handout View*

Jack Roe, Director, Security Integration and Coordination, Nuclear Energy Institute

Session Coordinators:

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