

Cyber Security Updates Shana Helton, Director, DPCP, NSIR

NRC/FERC Joint Commission Meeting September 25, 2019



Agenda

- Full Implementation Inspections Proceeding Well
- Focus Areas to Improve Guidance
- Assessment to Identify Risk-Informed Enhancements to Cyber Program
- Cyber Rule Applies to New and Advanced Reactor Designs

Full Implementation Inspections Proceeding Well

- Full implementation includes:
 - Technical controls for all CDAs
 - Provisions for incident response, supply chain, configuration management & audits
- NRC inspections are ~63% complete
 - 100% completed by Q1 FY21
- Inspections have resulted in findings of very low safety significance

Focus Areas to Improve Guidance

- Portable media & mobile device
- Quality of critical digital asset & system assessments
- Implementation of the vulnerability assessment program
- Ongoing monitoring & assessment program

Assessment to Identify Risk-Informed Enhancements to Cyber Program

- Cyber Security Program Assessment
 - Licensees and other External Stakeholders (including FERC)
 - Many actionable comments received
- Path forward
 - CDA scoping criteria
 - Future inspection program

Cyber Rule Applies to New and Advanced Reactor Designs





Acronyms

- CDA Critical Digital Asset
- CSP Cyber Security Plan
- DPCP Division of Physical & Cyber Security Policy
- FERC Federal Energy Regulatory Commission
- NEI Nuclear Energy Institute
- NERC North American Electric Reliability Corporation
- NSIR Office of Nuclear Security & Incident Response