



Status of Cyber Security Plan Implementation Joint FERC/NRC Meeting

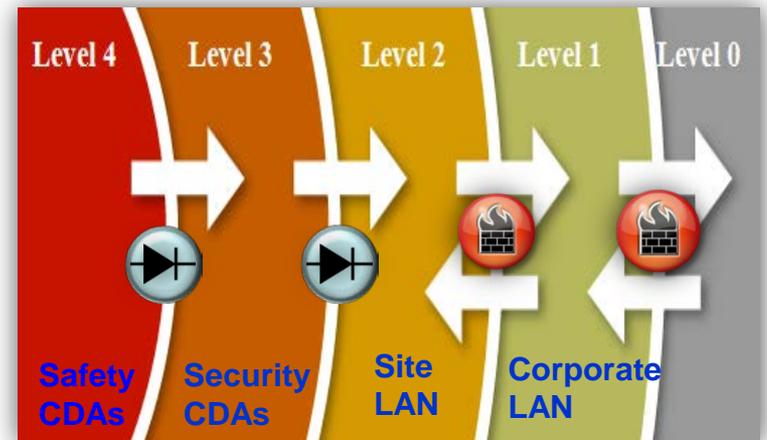
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Topics

- Cyber Security Requirements
- Phased Approach to Implementation
- Current Status
- Additional Cyber Activities

NRC Cyber Security Requirements Issued In 2009

- Cyber Security Plans approved
- Two-phase implementation approach
 - Most significant vulnerabilities addressed quickly
- Critical Digital Asset (CDA)
- NRC and FERC staff coordination



First Phase Of Implementation By Licensees Completed In 2012

- NRC Inspections finish in 2015
- Most common findings relate to portable media controls
- Large number of CDA assessments remain for Full Implementation
- Additional guidance necessary to “right-size” CDA assessments

CDA Assessments Consider Consequences Of Compromise

- Consequence Based Screening
 - “Direct CDAs” receive full assessment and implementation of cyber controls
 - “Indirect CDAs” protected by a basic set of cyber controls
- Implementation guidance
 - Screening method
 - Templates for simple CDAs

Second Phase Of Implementation To Be Completed In 2017

- NRC preparing for oversight activities
 - Inspection procedures and guidance
 - Training for inspectors
- Pilot Activities
 - Two in 2015, two in 2016
 - Refine the inspection process
 - Identify any gaps in industry understanding of requirements

Cyber Plans Include System And Services Acquisition Protections

- Acquisition Policy and Procedures
- Supply Chain Protection
- Trustworthiness
- Integration of Security Capabilities
- Developer Security Testing
- Licensee Testing



Additional Cyber Security Activities Are In Progress

- Cyber Security Event Notification Rule approved by the Commission
- Cyber Roadmap Evaluations
 - Fuel Cycle Facilities
 - Research and Test Reactors
 - Radioactive Materials Licensees