



Status of Cyber Security Plan Implementation Joint FERC/NRC Meeting

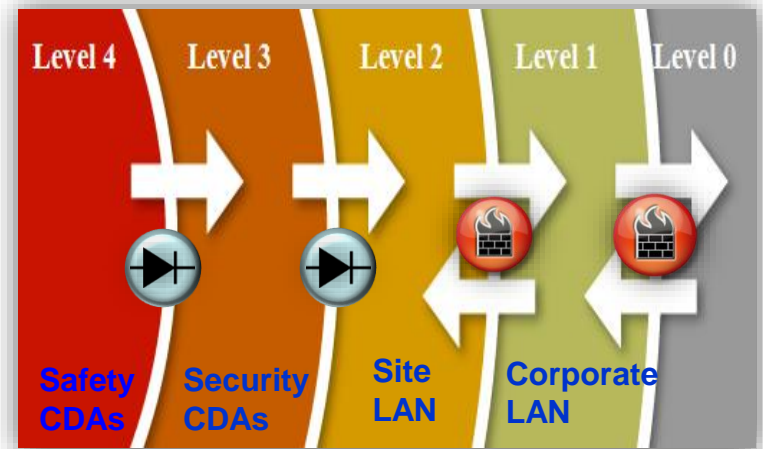
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Office of Nuclear Security and
Incident Response
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Topics

- **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**