

# **NRC Inspection Manual Chapter 0612**

## **Appendix E – Minor Examples**

Kim Lawson-Jenkins  
Cyber Security Branch  
Division of Physical and Cyber Security Policy  
Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission

- **Cybersecurity Inspections**
- **IMC 0612 Appendix B – Issue Screening**
- **New Cybersecurity Minor Examples**
- **Next Steps**

- **Milestones 1 through 7**
  - **CDA identification**
- **Full implementation (Milestone 8)**
  - **CDA assessments, PMMD, alternate controls**
- **Reactor Oversight Program**
  - **Areas related to maintaining an effective cybersecurity program**

**CDA – critical digital asset**

**PMMD – portable media and mobile devices**

## IMC 0612 Appendix B – Issue Screening

### Is the performance deficiency More-than-Minor?

If the answer to **any** of the following questions is “yes,” then the performance deficiency is More-than-Minor and is a finding. If the answer to all of the following questions is “no,” then the performance deficiency is minor and is not a finding.

1. Could the performance deficiency reasonably be viewed as a precursor to a significant event?
2. If left uncorrected, would the performance deficiency have the potential to lead to a more significant safety concern?
3. Is the performance deficiency associated with one of the cornerstone attributes and did the performance deficiency adversely affect the associated cornerstone objective?

## Defense in Depth considerations

- **Capability to detect, respond to, and recover from cyber attacks**
- **Multiple layers of defensive security controls are placed throughout the system with the intent of providing overlapping defenses in the event that a control fails, or a vulnerability is exploited**



# New Cybersecurity Minor Examples

- **Baseline Configuration**
- **Ongoing Monitoring and Assessment**
- **Removal of Unnecessary Services and Programs**
- **Physical Access Control**
- **Evaluate and Manage Cyber Risk (Vulnerability Management)**

- **June 15 – Draft to be shared regional inspectors; comment period closes by June 30**
- **July 15 – Comments resolved; updated section of the IMC is submitted to Office of Nuclear Reactor Regulations (NRR)**