

Fuel Cycle Cyber Sense



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Overview

- Welcome
- Organizational changes
- Cyber Security for Fuel Facilities
 - Principles of Good Regulation
 - Threat
 - Vulnerabilities & Consequences
- Path Forward



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Cyber & Fuel Facilities



- Principles of Good Regulation
 - Independence
 - Openness
 - Efficiency
 - Clarity
 - Reliability
- Regulatory basis development
- NRC approach (2011-2014)



Cyber Threat

- Advanced Persistent Threat
- General Credible Threat for Nuclear Facilities
- Prognosis



Fuel Facilities



Vulnerabilities & Consequences



- Part 70 regulatory basis
- Focus on safety, security, safeguards, and emergency preparedness functions
- Extensive interactions to understand and assess
- Options for how best to proceed



“Just Right” Regulation

- Safe and secure
- Proactive, not reactive
- Open and transparent
- Reliable
- Independent
- Efficient
- Clear
- Harmonized
- Constructive
- Prioritized
- Holistic



Path Forward

- Not yet “there”
- Seek your cooperation as we move forward
- Protect critical systems
- Engage at FCIX



Discussion

