

# **2022 Cybersecurity Inspections Lessons Learned**

## **Public Meeting (Open Session)**

October 13, 2022

1:00 – 3:00 P.M.

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**Cyber Security Branch**

Division of Physical and Cyber Security Policy  
Office of Nuclear Security and Incident Response

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# Topics

- Cyber inspections alternative options from cyber in FOF SECY
- Background
- Discuss lessons learned and other observations
- Comments and feedback

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# Alternate Options - Being Considered

For cyber in FOF paper, staff considered alternatives that focused on the baseline cyber inspection:

1. Revise inspection procedure for more in-depth evaluation of specific mitigation strategy areas
2. Use of performance-based models such as a Test Bed that models a licensee's network
3. Potential for a graded cyber attack incident response exercise (similar to EP evaluated exercise)
4. Vendor inspections

Staff would seek additional stakeholder input before recommending/ implementing any options related to the cyber baseline inspection.

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# Key Messages

- Staff identified lessons learned and trends from the 2022 cybersecurity inspections.
- Focused on the inspection activities from January through September 2022.
- This effort will support identification of any actions needed to ensure efficiency and effectiveness of future inspections.

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# Background

- Objectives of IP 71130.10
  1. *To provide assurance that digital equipment associated with safety, security, or emergency preparedness (SSEP) functions are adequately protected against cyber-attacks in accordance with (10 CFR) 73.54 and the licensee's approved cyber security plan (CSP).*
  2. *To verify that CSP changes and reports are in accordance with 10 CFR 50.54(p).*

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# Background Continued

- ROP baseline cyber inspections 2022
  - IP 71130.10 revised to reflect baseline inspection objectives
  - Biennial baseline inspections started Feb 2022
  - Evaluate changes to the program, critical systems, and CDAs

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# Lessons Learned – Inspection Process

- Forwarding questions to the licensee prior to arrival of the inspection team
- One week inspection results in a tight onsite inspection schedule
  - Issues often dispositioned after inspection week
  - Entrance and exit meetings conducted virtually

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# Other Observations

- CDA assessments:
  - Complete, accurate, and well-documented CDA assessments are essential
  - Provide the inspectors a good picture of the health of the program and minimizes raising questions
- Knowledgeable and competent cyber team is critical to a successful, effective, and efficient inspection



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# Meeting Feedback & POCs

To submit feedback and comments please:

- Navigate to this meeting on the NRC Public Meeting Schedule
- Click the Meeting Feedback Form link

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