

2024 ANNUAL ASSESSMENT MEETING



North Anna & Surry Power Stations
April 23, 2025

Introductions

➤ North Anna & Surry Resident Office

👤 Kenya Carrington
Senior Resident Inspector



👤 Daniel Turpin
Resident Inspector



👤 Silas Kennedy
Senior Resident Inspector



👤 Derrick Jung
Resident Inspector



➤ Regional Personnel

Laura Pearson – Deputy Division Director
Pam Bush – Administrative Assistant

Wesley Deschaine – Senior Project Engineer

Purpose

- Public forum to address plant performance in 2024 for:

North Anna & Surry Power Stations

- Provide an overview on NRC inspection activities
- NRC Resident Inspectors and representatives are available for individual discussion; questions and answers

Agenda

- Mission Statement & Strategic Goals
- Review of Reactor Oversight Process
- Discussion of Plant Performance Results
- NRC Closing Remarks
- Open Discussion

NRC Mission Statement

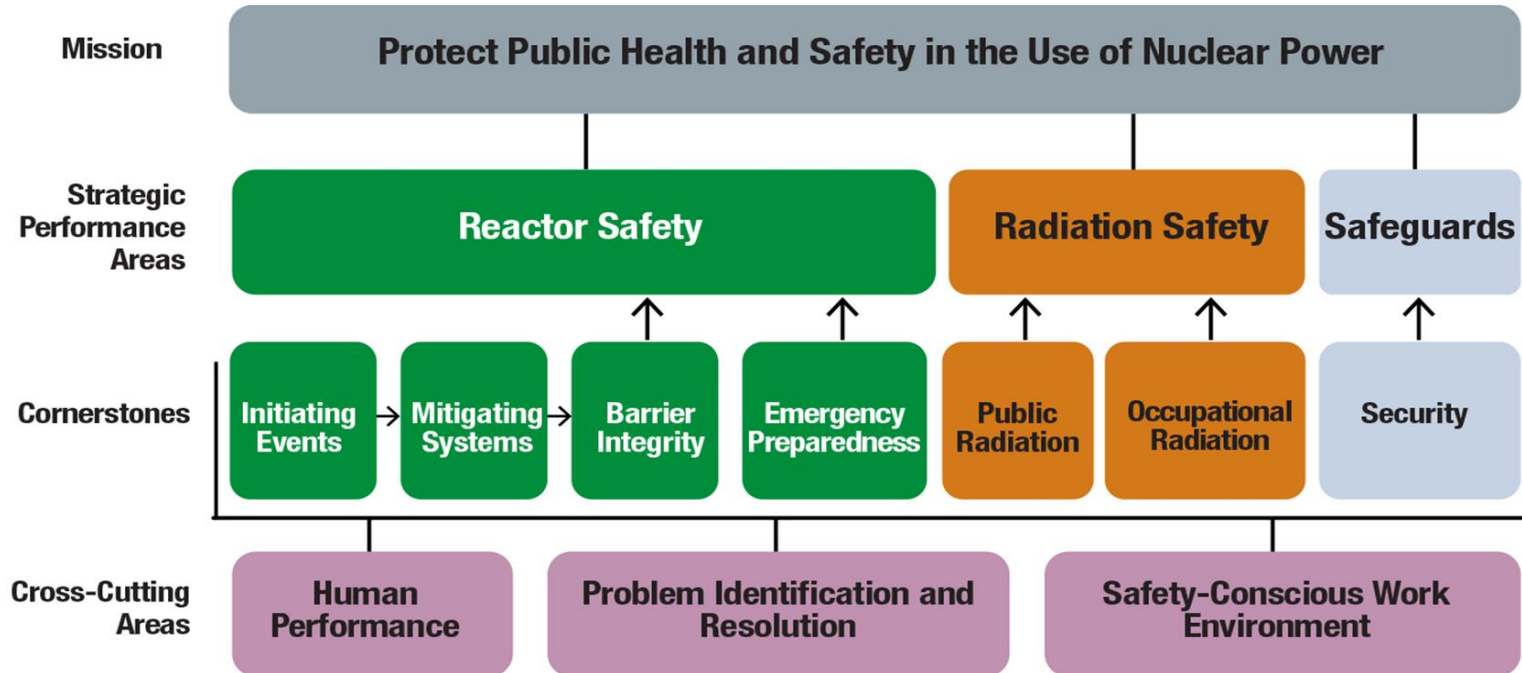
The NRC protects public health and safety and advances the nation's common defense and security by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials through efficient and reliable licensing, oversight, and regulation for the benefit of society and the environment.

STRATEGIC GOALS

SAFETY STRATEGIC GOAL: Ensure the Safe Use of Radioactive Materials

SECURITY STRATEGIC GOAL: Ensure the Secure Use of Radioactive Materials

Reactor Oversight Program



Reactor Oversight Program

INSPECTION

- Resident inspectors are on-site and issue quarterly inspection reports.
- Regional inspections include:
 - Radiation Protection
 - Security
 - Cyber Security
 - Design Basis Assurance
 - Emergency Planning
 - And more!

PERFORMANCE INDICATORS

- 17 Performance Indicators
- Data submitted to NRC quarterly
- Inspection program verifies accuracy
- Data available on the NRC website

Reactor Oversight Program

INCREASING SAFETY SIGNIFICANCE

	GREEN	WHITE	YELLOW	RED
Performance Indicators	Performance within an expected level; Cornerstone objectives are met	Performance outside expected range; Cornerstone objectives are still being met	Related cornerstone objectives are being met; Minimal reduction in the safety margin	Signals a significant reduction in safety margin in the area measured
Findings	Very low safety or security significance	Low to moderate safety or security significance	Substantial safety or security significance	High safety or security significance
Oversight	Baseline Inspection	Requires additional NRC oversight	Requires more NRC oversight	Requires most NRC oversight

INCREASING NRC OVERSIGHT

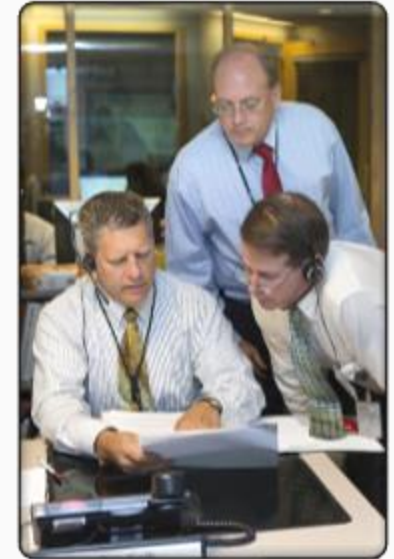
Resident Inspector Program

- Inspectors live in the community and work at the Nuclear Power Plants.
- Daily coverage and oversight of plant activities, including control room visits and routine meetings with plant managers.
- Prioritize inspections based on important plant activity.



Resident Inspector Program

- Observe emergency exercises and provide support for any real emergencies or urgent issues



Resident Inspector Program

- Support NRC allegation process for plant employees and the public
- Routinely discuss safety concerns with plant management and operators



North Anna Power Station

Findings and Performance Indicators

- Dominion Energy operated the North Anna Power Station safely and in a manner that preserved public health and safety and protected the environment.
- All findings and performance indicators (PIs) in 2024 were Green or White.
 - All PIs were Green (no performance thresholds exceeded)
 - 3 Green findings (with 2 associated non-cited violations)
 - 1 White finding (with an associated cited violation)

North Anna Power Station

Findings and Performance Indicators

- Unit 1 remained in the **Licensee Response Column** of the NRC's ROP Action Matrix throughout 2024.
- Unit 2 was in the Licensee Response Column for the entire assessment period except for a portion of the 4th Quarter, when the unit was in the **Regulatory Response Column** of the Action Matrix for a white finding in the Mitigating Systems Cornerstone.

North Anna Power Station

Findings and Performance Indicators

- A 95001 supplemental inspection and Regulatory Performance Meeting were completed, and the finding was closed on December 19, 2024.
- Following completion of the 95001 inspection Unit 2 returned to the Licensee Response Column in 4th Quarter 2024.
- NRC plans to conduct routine baseline inspections in 2025.

Surry Power Station

Findings and Performance Indicators

- Dominion Energy operated the Surry Power Station safely and in a manner that preserved public health and safety and protected the environment.
- All findings and performance indicators (PIs) in 2024 were Green.
 - All PIs were Green (no performance thresholds exceeded)
 - 8 Green findings (with 6 associated non-cited violations)
- Surry Power Station Units 1 & 2 remained in the **Licensee Response Column** of the NRC's ROP Action Matrix throughout 2024.
- NRC plans to conduct routine baseline inspections in 2025.

Additional Plant Information

- The annual assessment letters for both plants, including upcoming inspection plans, are available on the NRC website at:
<https://www.nrc.gov/reactors/operating/oversight/listofasmrpt.html>
- Current performance information for Surry and North Anna is also available and updated quarterly at:
<https://www.nrc.gov/reactors/operating/oversight/plant-by-plant-summaries.html>

Getting in Touch with the NRC

- On the web – www.nrc.gov
- By phone – 404-997-4417 (Region 2 Public Affairs Officer)
- Email - OPA2.Resource@nrc.gov
- Allegations – 1-800-695-7403

Questions for the NRC?

North Anna

Senior Resident Inspector – 404.997.5191

Main Office –404.997.5190

Surry

Senior Resident Inspector – 404.997.5261

Main Office –404.997.5260

NRC on Social Media

- Twitter: <https://twitter.com/nrcgov>
- Facebook: <https://www.facebook.com/nrcgov/>
- YouTube: <https://www.youtube.com/user/NRCgov>
- Flickr: <https://www.flickr.com/photos/nrcgov/sets>
- LinkedIn: <https://www.linkedin.com/company/u-s--nuclear-regulatory-commission/mycompany/>
- GovDelivery: <https://service.govdelivery.com/accounts/USNRC/>

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Questions and Feedback

- Questions From Teams: Please raise your hand, and we will call on you.
- For those on the phone: Press *6 to unmute
- Public Meeting Feedback Form:
Use the QR code or
Navigate to <https://feedback.nrc.gov/pmfs/>
Meeting Code: 20250485
You may also complete a hard copy after the meeting (see NRC staff)

