

2023 ANNUAL ASSESSMENT



CATAWBA



MCGUIRE



OCONEE



BRUNSWICK



HARRIS



ROBINSON

Reactor Oversight Process
Nuclear Regulatory Commission
Region II

If unable to hear audio, dial 301-576-2978, passcode: 250834548#

PURPOSE



**Discuss licensee
performance in 2023**



**Address findings and
Performance Indicators**



**Information Meeting with
a Q&A Session**

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AGENDA

- Review Reactor Oversight Process
- Annual Assessment Summary
 - Catawba Nuclear Station
 - McGuire Nuclear Station
 - Oconee Nuclear Station
 - Brunswick Steam Electric Plant
 - Shearon Harris Nuclear Power Plant
 - H.B. Robinson Steam Electric Plant
- Closing Remarks
- NRC available for public questions

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Introductions

Eric Stamm – Branch Chief for Catawba, McGuire, & Oconee

Matthew Fannon – Branch Chief for Brunswick & Harris

Ryan Taylor – Acting Branch Chief for Robinson

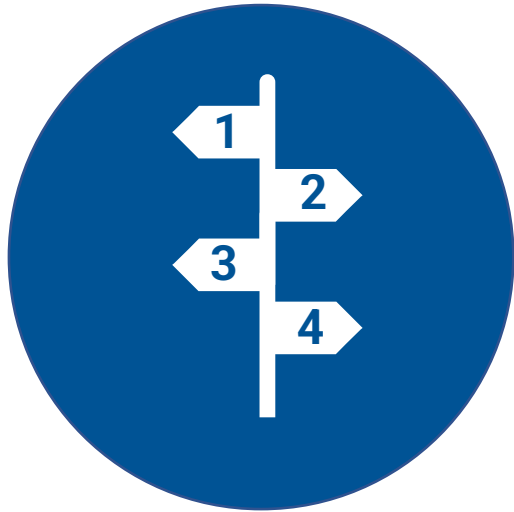
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NRC Mission Statement

The NRC licenses and regulates the nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety and to promote the common defense and security and to protect the environment

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NRC REACTOR OVERSIGHT PROCESS



**Implemented in each
of the NRC's four
regions**



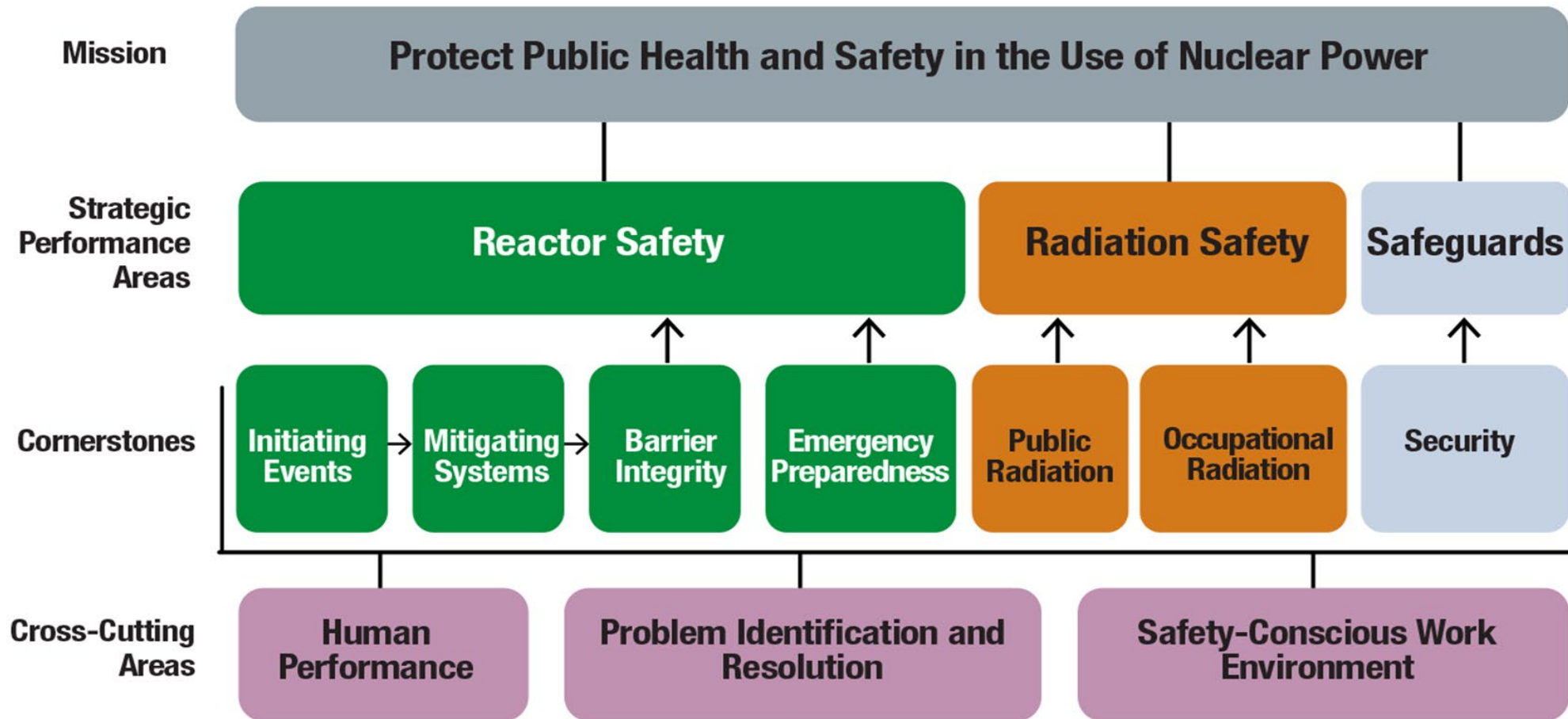
**Involves inspection and
assessment activities**



**Executed by regional and
resident inspectors**

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Reactor Oversight Framework



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Reactor Oversight Inputs and Oversight

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

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RESIDENT INSPECTOR PROGRAM

- Resident inspectors live in the communities they serve
- Perform inspections at nuclear power plants
- Provide daily oversight of plant activities



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NRC Annual Assessment Summary



CATAWBA NUCLEAR STATION

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Catawba Nuclear Station: Introductions

- **Regional Personnel**

- Eric Stamm – Branch Chief
- Donna Jackson – Senior Project Engineer
- Paul Carman – Senior Project Engineer

- **Catawba Nuclear Station Resident Inspectors**

- David Rivard – Senior Resident Inspector
- Anny Wang – Resident Inspector

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Catawba Nuclear Station: Annual Assessment Summary

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- All findings associated with Catawba Nuclear Station in 2023 were Green
 - 3 – Green non-cited violations
- All Performance Indicators were Green

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Catawba Nuclear Station: Annual Assessment Summary

- Catawba Units 1 and 2 remained in the Licensee Response Column of the NRC's ROP Action Matrix in all quarters of 2023
- NRC plans to conduct routine baseline inspections at the Catawba Nuclear Station for 2023

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NRC Annual Assessment Summary



MCGUIRE NUCLEAR STATION

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McGuire Nuclear Station: Introductions

- **Regional Personnel**

- Eric Stamm – Branch Chief
- Donna Jackson – Senior Project Engineer
- Paul Carman – Senior Project Engineer

- **McGuire Nuclear Station Resident Inspectors**

- Chris Safouri – Senior Resident Inspector
- Frank Young – Resident Inspector

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McGuire Nuclear Station: Annual Assessment Summary

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- All findings associated with McGuire Nuclear Station in 2023 were Green
 - 4 – Green non-cited violations
- All Performance Indicators were Green

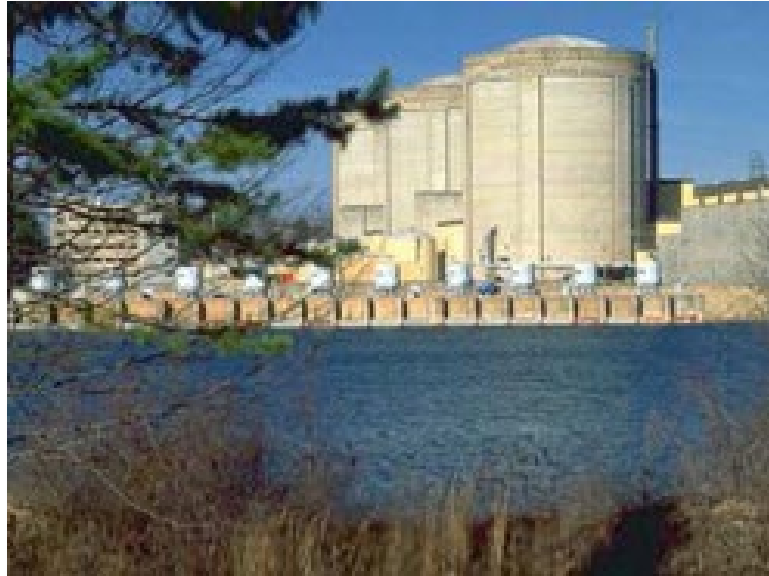
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McGuire Nuclear Station: Annual Assessment Summary

- McGuire Units 1 and 2 remained in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2023
- NRC plans to conduct routine baseline inspections at the McGuire Nuclear Station for 2024

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NRC Annual Assessment Summary



OCONEE NUCLEAR STATION

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Oconee Nuclear Station: Introductions

- **Regional Personnel**

- Eric Stamm – Branch Chief
- Donna Jackson – Senior Project Engineer
- Paul Carman – Senior Project Engineer

- **Oconee Nuclear Station Resident Inspectors**

- Nick Smalley – Senior Resident Inspector
- Evan Robinson – Resident Inspector

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Oconee Nuclear Station: Annual Assessment Summary

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- All findings associated with Oconee Nuclear Station in 2023 were Green
 - 10 – Green non-cited violations
 - 1 – Green notice of violation
 - 1 – Green finding
 - 3 – traditional enforcement violations
- All Performance Indicators were Green

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NRC Annual Assessment Summary

OCONEE NUCLEAR STATION

- Oconee Units 1, 2, and 3 remained in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2023
- NRC plans to conduct routine baseline inspections at the Oconee Nuclear Station for 2024

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NRC Annual Assessment Summary



BRUNSWICK STEAM ELECTRIC PLANT

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Brunswick Steam Electric Plant: Introductions

- **Regional Personnel**

- Matthew Fannon – Branch Chief
- Adam Wilson – Senior Project Engineer
- Jamin Seat – Senior Project Engineer

- **Brunswick Steam Electric Plant Resident Inspectors**

- Galen Smith – Senior Resident Inspector
- Coleman Curran – Resident Inspector

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Brunswick Steam Electric Plant: Annual Assessment Summary

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- All findings associated with Brunswick Steam Electric Plant in 2023 were Green
 - 3 – Green non-cited violations
- All Performance Indicators were Green

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Brunswick Steam Electric Plant: Annual Assessment Summary

- Brunswick Steam Electric Plant Units 1 and 2 remained in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2023
- NRC plans to conduct routine baseline inspections at the Brunswick Steam Electric Plant for 2024

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NRC Annual Assessment Summary



SHEARON HARRIS NUCLEAR POWER PLANT

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Shearon Harris Nuclear Power Plant: Introductions

- **Regional Personnel**

- Matthew Fannon – Branch Chief
- Adam Wilson – Senior Project Engineer
- Jamin Seat – Senior Project Engineer

- **Shearon Harris Nuclear Power Plant Resident Inspectors**

- Peter Boguszewski – Senior Resident Inspector

Shearon Harris Nuclear Power Plant: Annual Assessment Summary

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- One Greater than Green violation was identified in 2023
- The remaining findings associated with Shearon Harris Nuclear Power Plant in 2023 were Green
 - 6 – Green non-cited violations
 - 2 – Green findings
- All Performance Indicators were Green

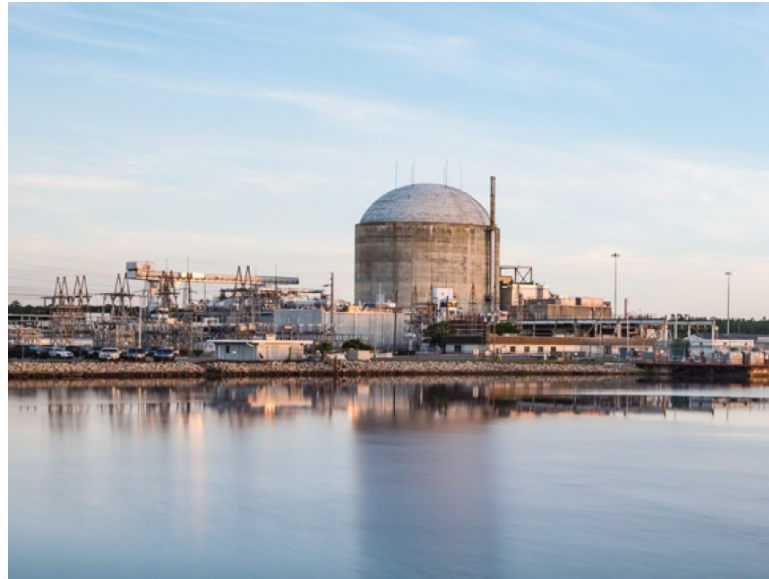
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Shearon Harris Nuclear Power Plant: Annual Assessment Summary

- Shearon Harris Nuclear Power Plant Unit 1 transitioned into the Regulatory Response Column of the NRC's ROP Action Matrix due to a Greater-than-green finding identified in the security cornerstone in the 2nd quarter of 2023
- On December 7, 2023, the NRC completed a supplemental inspection in accordance with Inspection Procedure 95001 and determined that completed or planned corrective actions were sufficient to address the performance issue that led to the Greater than Green finding
- NRC plans to conduct routine baseline inspections at the Shearon Harris Nuclear Power Plant for 2024

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NRC Annual Assessment Summary



H.B. ROBINSON STEAM ELECTRIC PLANT

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H.B. Robinson Steam Electric Plant: Introductions

- **Regional Personnel**

- Ryan Taylor – Acting Branch Chief
- Natasha Childs – Senior Project Engineer
- Jeffrey Hamman – Senior Project Engineer

- **H.B. Robinson Steam Electric Plant Resident Inspectors**

- John Zeiler – Senior Resident Inspector
- Vanna Gaffney – Resident Inspector

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H.B. Robinson Steam Electric Plant: Annual Assessment Summary

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- All findings associated with H.B. Robinson Steam Electric Plant in 2023 were Green
 - 5 – Green non-cited violations
 - 1 – Green finding
- All Performance Indicators were Green

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H.B. Robinson Steam Electric Plant: Annual Assessment Summary

- H.B. Robinson Steam Electric Plant Unit 2 was in the Licensee Response Column of the NRC's ROP Action Matrix for the entire 2023 assessment period
- NRC plans to conduct routine baseline inspections at the H.B. Robinson Steam Electric Plant for 2024

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CONTACT THE NRC

Web: <https://www.nrc.gov>

Report an Emergency – 301-816-5100

Safety Concern or Allegations – 1-800-695-7403 | allegation@nrc.gov

Questions/Information – OPA2.Resource@nrc.gov or 404-997-4417

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CONTACT THE RESIDENT INSPECTORS

Catawba NRC resident inspectors

- (404) 997-5134
- (404) 997-5131

Brunswick NRC resident inspectors

- (404) 997-5121
- (404) 997-5123

McGuire NRC resident inspectors

- (404) 997-5171
- (404) 997-5173

Harris NRC resident inspectors

- (404) 997-5151
- (404) 997-5153

Oconee NRC resident inspectors

- (404) 997-5211
- (404) 997-5213
- (404) 997-5214

Robinson NRC resident inspectors

- (404) 997-5221
- (404) 997-5223

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NRC ON SOCIAL MEDIA

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Flickr: <https://www.flickr.com/photos/nrcgov/sets>

LinkedIn: <https://www.linkedin.com/company/u-s--nuclear-regulatory-commission/>

GovDelivery: <https://service.govdelivery.com/accounts/USNRC/subscriber/new>

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GENERAL QUESTIONS

Questions From Teams: Please raise your hand, and we will call on you

For those on the Phone: Press *6 to unmute

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