2021 ANNUAL ASSESSMENT

CATAWBA

MCGUIRE

OCONEE

Reactor Oversight Process ML22067A199
Nuclear Regulatory Commission - Region II

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PURPOSE

Discuss licensee performance in 2021

Address findings and Performance Indicators

Information Meeting with a Q&A Session

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AGENDA

- Introductions
- Review Reactor Oversight Process
- NRC Response to COVID-19
- Annual Assessment Summary
  - Catawba Nuclear Station
  - McGuire Nuclear Station
  - Oconee Nuclear Station
- Closing Remarks
- NRC available for public questions

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Introductions

- **Regional Personnel**
  - Eric Stamm – Branch Chief
  - Donna Jackson – Senior Project Engineer

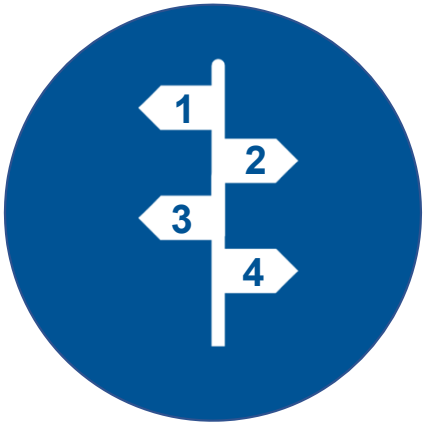
- **Catawba Nuclear Station Resident Inspectors**
  - Joseph Austin – Senior Resident Inspector
  - David Rivard – Resident Inspector

Introductions

- **McGuire Nuclear Station Resident Inspectors**
  - Andy Hutto – Senior Resident Inspector
  - Christian Scott – Resident Inspector

- **Oconee Nuclear Station Resident Inspectors**
  - Jared Nadel – Senior Resident Inspector
  - Adam Ruh – Resident Inspector
  - Nick Smalley – Resident Inspector

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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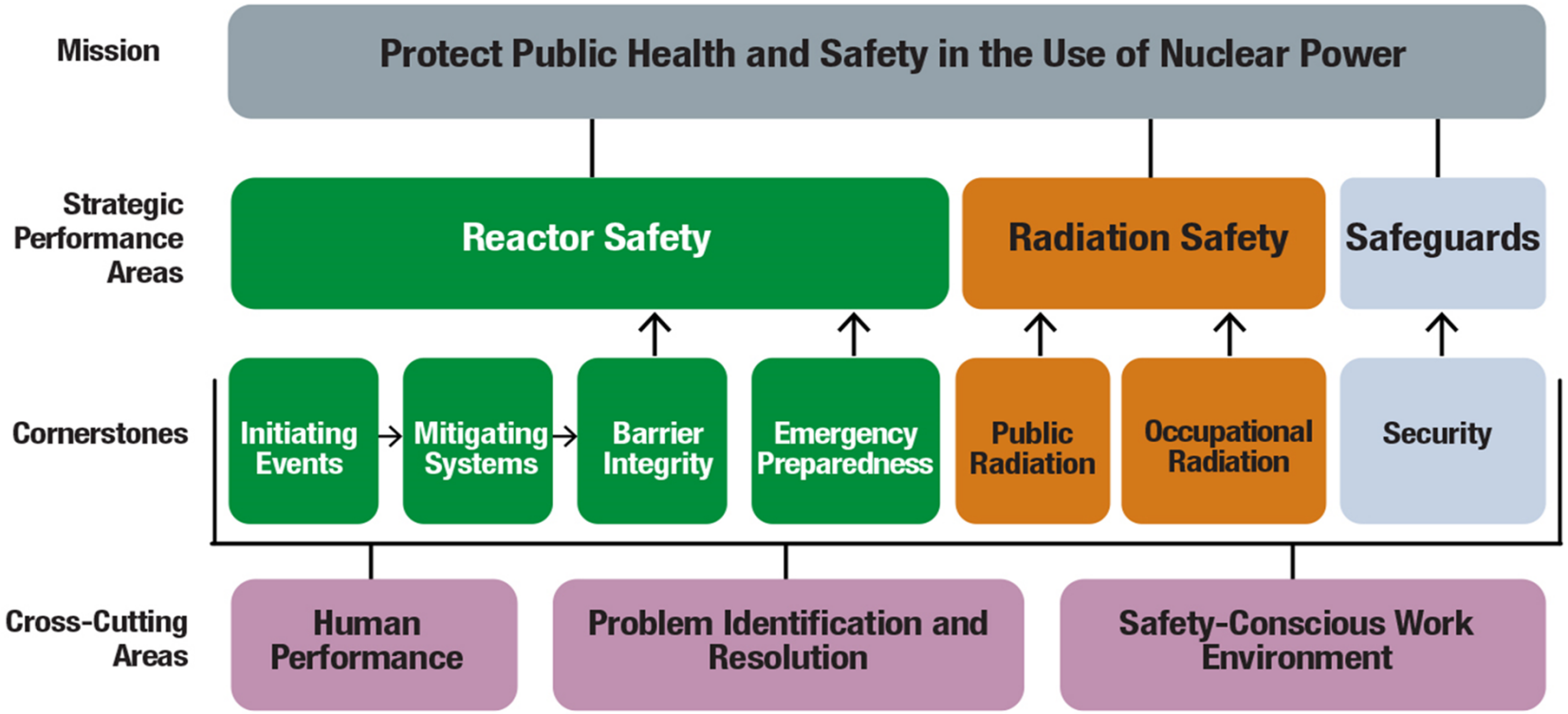
Reactor Oversight Framework



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 Catawba, McGuire, & Oconee Nuclear Stations
- Provide daily oversight of plant activities

RESPONSE TO COVID-19

Risk-informing "eyes on" inspections

Use of telework where appropriate

Coordinated with industry

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RESPONSE TO COVID-19

Monitor plant activities through inspections & oversight

Maintain emergency response capabilities

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NRC Annual Assessment Summary

CATAWBA

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Annual Assessment Summary
CATAWBA NUCLEAR STATION

- 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 2021 were Green

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Findings and Performance Indicators
CATAWBA NUCLEAR STATION

- 2 – Green non-cited violations identified in 2021
- All Performance Indicators were Green

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Annual Assessment Summary
CATAWBA NUCLEAR STATION

- Catawba Units 1 and 2 remained in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2021

- NRC plans to conduct routine baseline inspections at the Catawba Nuclear Station for 2022

QUESTIONS?

NRC Annual Assessment Summary

MCGUIRE

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NRC Annual Assessment Summary
MCGUIRE NUCLEAR STATION

- 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 2021 were Green

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Findings and Performance Indicators
MCGUIRE NUCLEAR STATION

- 1 – Green non-cited violation identified in 2021
- 1 – Green finding identified in 2021
- All Performance Indicators were Green

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NRC Annual Assessment Summary
MCGUIRE NUCLEAR STATION

- McGuire Units 1 and 2 remained in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2021

- NRC plans to conduct routine baseline inspections at the McGuire Nuclear Station for 2022

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QUESTIONS?

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NRC Annual Assessment Summary
OCONEE NUCLEAR STATION

- 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 2021 were Green, with one exception

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Findings and Performance Indicators
OCONEE NUCLEAR STATION

- 8 – Green non-cited violations identified in 2021
- 1 – Apparent violation (color - to be determined) identified in 2021
- 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 2021

- NRC plans to conduct routine baseline inspections at the Oconee Nuclear Station for 2022

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Safety Conscious Work Environment Assessment
OCONEE NUCLEAR STATION

- January 2022 - IP 93100, “Safety-Conscious Work Environment Issue of Concern Followup, ” specifically for the Operations department

- Corrective actions implemented were generally adequate (Inspection Report 2022012)

- No current indications of a chilled work environment within the Operations department noted

QUESTIONS?

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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 404-997-441

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

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CONTACT THE RESIDENT INSPECTORS

Catawba NRC resident inspectors

- Phone (404) 997-5130
- Phone (404) 997-5131

McGuire NRC resident inspectors

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

Oconee NRC resident inspectors

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

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