

# 2021 ANNUAL ASSESSMENT



CATAWBA



MCGUIRE



OCONEE

Reactor Oversight Process ML22067A199  
Nuclear Regulatory Commission - Region II

# PURPOSE



**Discuss licensee  
performance in 2021**



**Address findings and  
Performance Indicators**



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

# 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

# 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

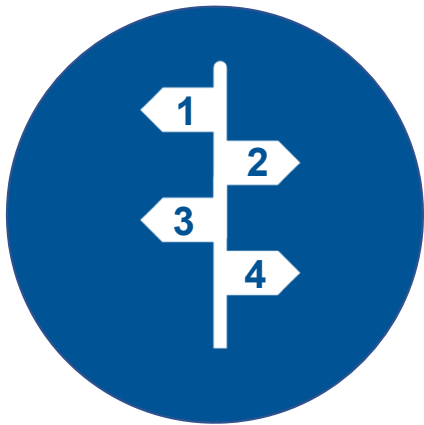
- **McGuire Nuclear Station Resident Inspectors**

- 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**

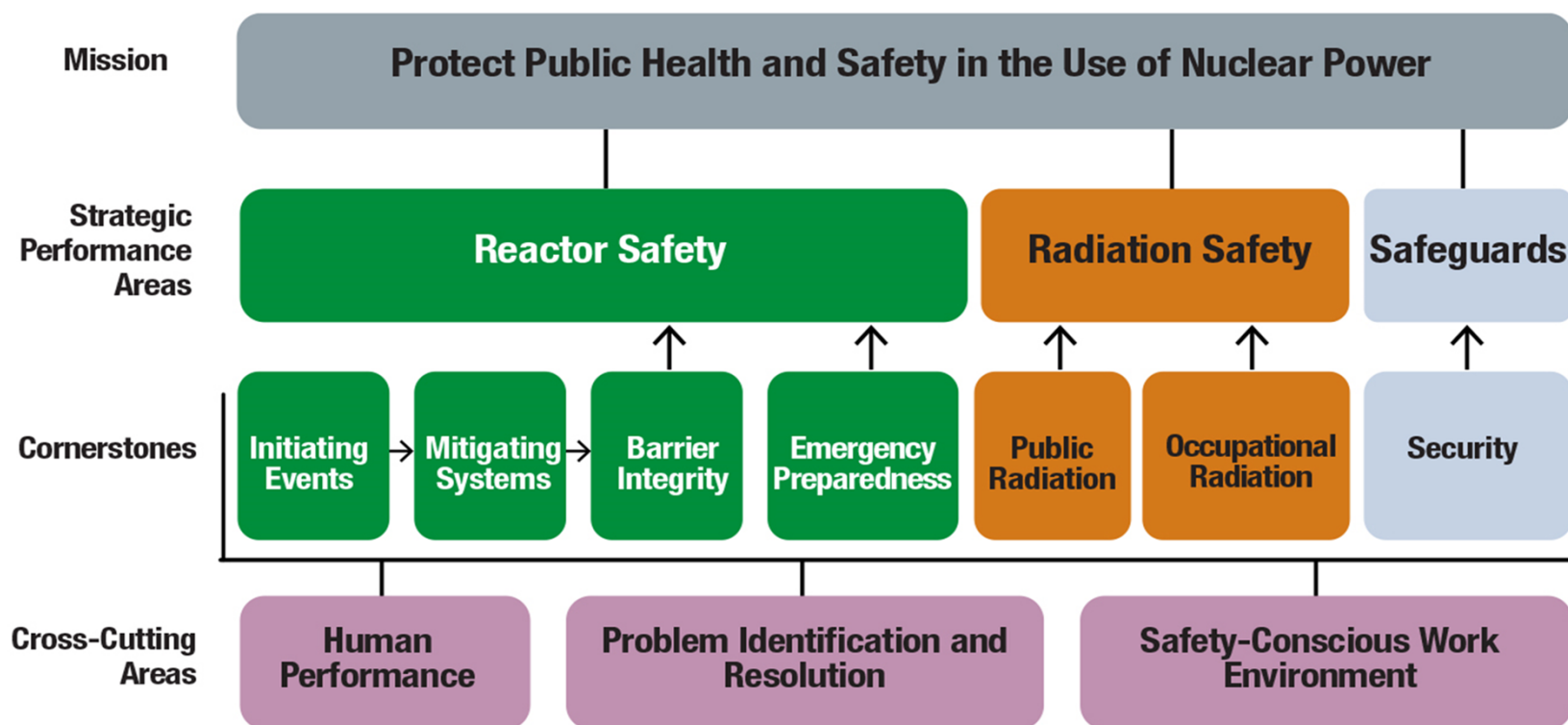


**Involves inspection and  
assessment activities**



**Executed by regional  
and resident inspectors**

# Reactor Oversight Framework



# Reactor Oversight Inputs and Oversight

INCREASING SAFETY SIGNIFICANCE

	GREEN	WHITE	YELLOW	RED
<b>Performance Indicators</b>	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
<b>Findings</b>	Very low safety or security significance	Low to moderate safety or security significance	Substantial safety or security significance	High safety or security significance
<b>Oversight</b>	Baseline Inspection	Requires additional NRC oversight	Requires more NRC oversight	Requires most NRC oversight

INCREASING NRC OVERSIGHT

# RESIDENT INSPECTOR PROGRAM

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- 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**

# RESPONSE TO COVID-19



**Monitor plant activities  
through inspections &  
oversight**



**Maintain emergency  
response capabilities**



# NRC Annual Assessment Summary



# 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

# Findings and Performance Indicators

## **CATAWBA NUCLEAR STATION**

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

# 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



# 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



# 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

# 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

# QUESTIONS?

# NRC Annual Assessment Summary



OCONEE

# 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

# 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

# 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



# 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?

# 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](mailto:allegation@nrc.gov)

**Questions/Information** – [OPA2.Resource@nrc.gov](mailto:OPA2.Resource@nrc.gov) or 404-997-4417

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

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

# 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

# FEEDBACK/COMMENTS/QUESTIONS

## Public Meeting Feedback Form:

Navigate to the Public Meeting Schedule (recently held) and click the “Meeting Feedback” link for this meeting or press the “[...more]” link for this meeting and then click the “Meeting Feedback” link on the “Meeting Details” page.

Nuclear Regulatory Commission | Region II

March 23, 2022

