

2020 ANNUAL ASSESSMENT



MCGUIRE



CATAWBA



OCONEE

Reactor Oversight Process **ML21089A173**
Nuclear Regulatory Commission - Region II

PURPOSE



**Discuss licensee
performance in 2020**



**Address findings and
Performance Indicators**



Information Meeting

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**

- Jared Nadel – Acting Branch Chief
- Jannette Worosilo – Senior Project Engineer

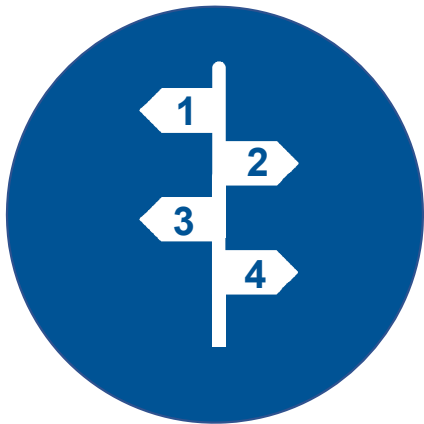
- **Catawba Nuclear Station Resident Inspectors**

- Joseph Austin – Senior Resident Inspector
- Christian Scott – Resident Inspector

Introductions

- **McGuire Nuclear Station Resident Inspectors**
 - Andy Hutto – Senior Resident Inspector
 - Ronald Cureton – Resident Inspector
- **Oconee Nuclear Station Resident Inspectors**
 - Adam Ruh – Acting Senior Resident Inspector

NRC REACTOR OVERSIGHT PROCESS



Implemented in each of
the NRC's four regions

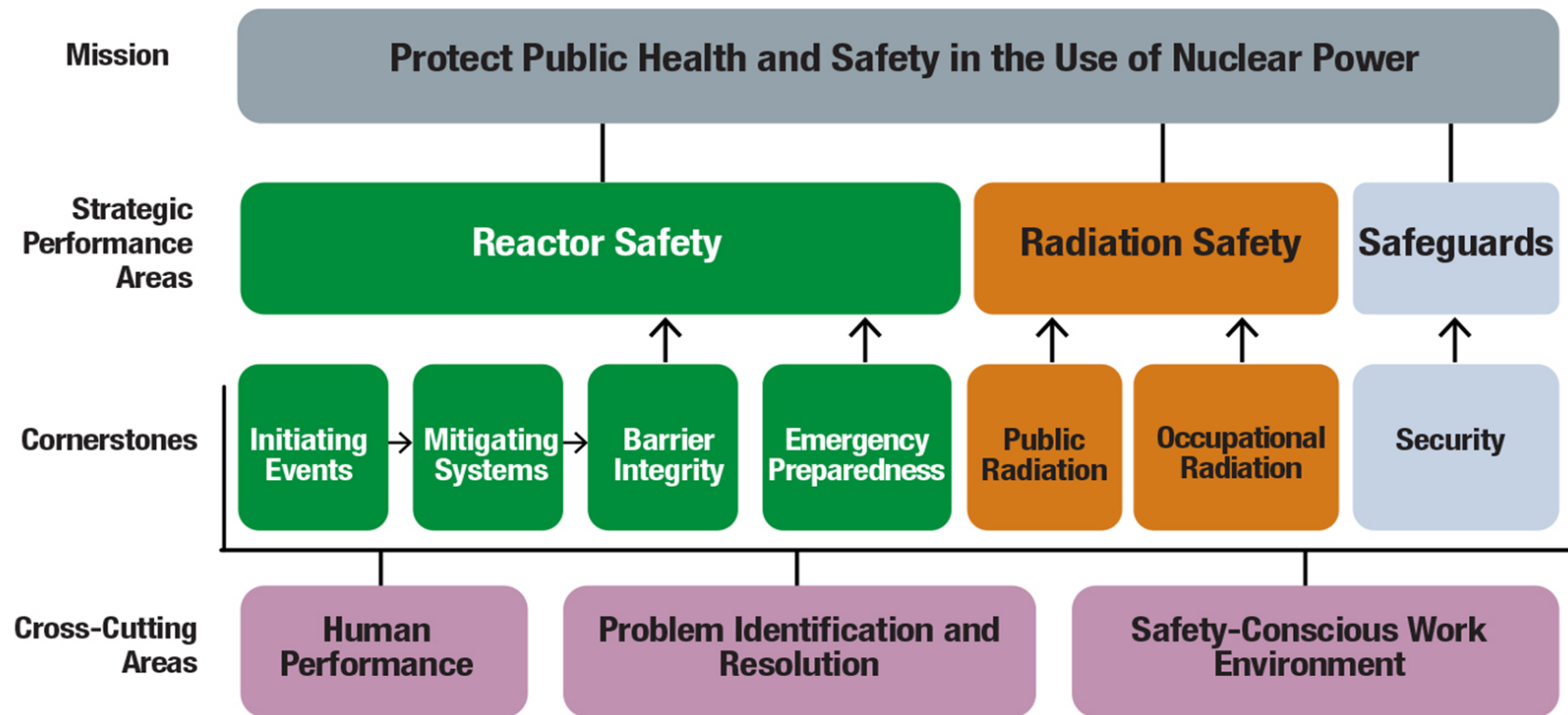


Involves inspection and
assessment activities



Executed by regional
and resident inspectors

Reactor Oversight Framework



Reactor Oversight Inputs and Oversight

INCREASING SAFETY SIGNIFICANCE

	GREEN	WHITE	YELLOW	RED
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

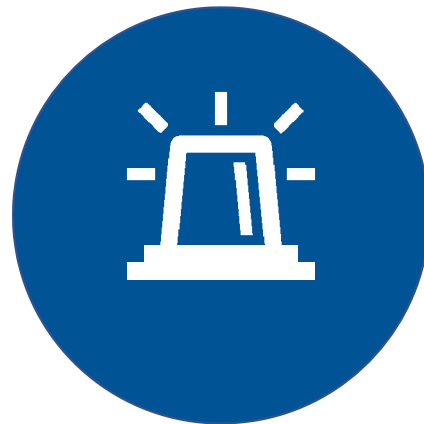
- Resident inspectors live in the communities they serve
- Perform inspections at McGuire, Catawba, & Oconee Nuclear Stations
- Provide daily oversight of plant activities



RESPONSE TO COVID-19



Monitor plant activities through inspections & oversight



Maintain emergency response capabilities



Risk-informing "eyes on" inspections

RESPONSE TO COVID-19



**Expanded use of telework
where appropriate**



**Dedicated Continuity of
Operations Plan**



**Coordinated with
industry best practices**

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 2020 were Green

Findings and Performance Indicators CATAWBA NUCLEAR STATION

- 1 – Green non-cited violation identified in 2020
- 1 – Green finding identified in 2020
- 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 2020
- NRC plans to conduct routine baseline inspections at the Catawba Nuclear Station for 2021

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 2020 were Green

Findings and Performance Indicators

MCGUIRE NUCLEAR STATION

- 1 – Green non-cited violation identified in 2020
- 1 – Severity Level IV non-cited violation identified in 2020
- 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 2020
- NRC plans to conduct routine baseline inspections at the McGuire Nuclear Station for 2021

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 2020 were Green

Findings and Performance Indicators

OCONEE NUCLEAR STATION

- 5 – Green non-cited violations identified in 2020
- 1 – Severity Level IV non-cited violation in 2020
- 1 – Green finding in 2020
- 1 – Green cited violation in 2020
- 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 2020
- NRC plans to conduct routine baseline inspections at the Oconee Nuclear Station for 2021
- In addition to ROP baseline inspections, the NRC plans to conduct IP 93100, "Safety-Conscious Work Environment Issue of Concern Follow up".

Safety Conscious Work Environment Assessment

OCONEE NUCLEAR STATION

- In August 2020 NRC inspectors assessed the Safety Conscious Work Environment within the Operations Department
- NRC inspectors concluded that warning signs existed in the Operations Department that were indicative of a degraded Safety Conscious Work Environment.
- Once the licensee completes their corrective actions, NRC will conduct a follow-up assessment to determine whether the actions taken are adequate.

QUESTIONS?

CONTACT THE NRC

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

QUESTIONS AND FEEDBACK

Through any computer by going to the Public Meeting Schedule and pressing the “Meeting Feedback” link for this meeting, or pressing the “[...more]” link for this meeting and then pressing the “Meeting Feedback” link on the “Meeting Details” page.

QUESTIONS?