

# Catawba, McGuire, & Oconee Nuclear Station 2019 Annual Assessment

Reactor Oversight Process  
Nuclear Regulatory Commission - Region II



ML20134J005

# Purpose of Today's Meeting

- A public forum for discussion of the licensees' performance in 2019.
- NRC will address performance identified in the 2019 annual assessment letters.
- This is a Category 3 meeting; the licensee will NOT be answering questions.



# Agenda

- Introduction
- Review of Reactor Oversight Process
- NRC Response to COVID-19
- Discussion of Catawba Plant Performance Results
- Discussion of McGuire Plant Performance Results
- Discussion of Oconee Plant Performance Results
- NRC Closing Remarks
- NRC available to address public questions



# NRC Reactor Oversight Process (ROP)

- Implemented in each of the four NRC regions
- Involves inspection and assessment activities controlled by each NRC region's senior management
- Implemented by regional inspectors and onsite resident NRC inspectors



# Significance Threshold

## Performance Indicators

**Green:** Only Baseline Inspection  
**White:** Increases NRC oversight  
**Yellow:** Increases NRC oversight  
**Red:** Increases NRC oversight

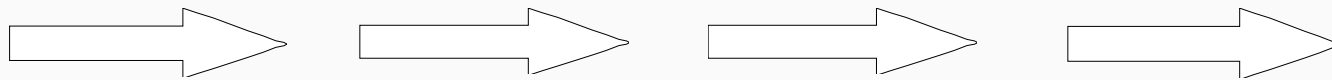
## Inspection Findings

**Green:** Very low safety or security significance finding  
**White:** Low to moderate safety or security significance finding  
**Yellow:** Substantial safety or security significance finding  
**Red:** High safety or security significance finding



# Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Performance	Multiple/Repetitive Degraded Cornerstone	Unacceptable Performance
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**Increasing Safety Significance**

**Increasing NRC Inspection Efforts**

**Increasing NRC/Licensee Management Involvement**

**Increasing Regulatory Actions**

# Resident Inspector Program

- NRC resident inspectors live in the local communities and perform inspection activities at Catawba, McGuire, & Oconee Nuclear Stations
- Provide daily oversight of plant activity



# NRC Response to COVID-19

- ## Mission Critical Functions

- Monitoring plant activities through inspections and oversight.
- Maintaining emergency response capabilities with Regional Incident Response Centers and Headquarters.
- Risk-informing "eyes on" inspections through residents and regional inspections.





# NRC Response to COVID-19

- Additional Actions

- Expanded use of telework where appropriate.
- Dedicated Continuity of Operations Plan.
- Coordinating actions with industry on best practices to minimize impacts.



# NRC 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 2019 were Green



# Catawba Nuclear Station Findings and Performance Indicators

- 12 total violations/findings in 2019:
  - 9 – Green non-cited violations
  - 2 – Severity Level IV Notice of Violations
  - 1 – Green Finding and associated Severity Level IV NCV
- All Performance Indicators were Green (no performance thresholds exceeded)



# NRC 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 2019
- NRC plans to conduct a traditional enforcement follow-up inspection since Catawba had 3 traditional enforcement violations in 2019
- NRC plans to conduct routine baseline inspections at the Catawba Nuclear Station for 2020



# QUESTIONS



# 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 2019 were Green



# McGuire Nuclear Station Findings and Performance Indicators

- 2 – Green non-cited violations identified in 2019
- All Performance Indicators were Green (no performance thresholds exceeded)

# 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 2019
- NRC plans to conduct routine baseline inspections at the McGuire Nuclear Station for 2020





# QUESTIONS



# 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 2019 were Green



# Oconee Nuclear Station Findings and Performance Indicators

- 7 – Green non-cited violations identified in 2019
- 2 – Traditional Enforcement non-cited violations in 2019
- All Performance Indicators were Green (no performance thresholds exceeded)

# 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 2019
- NRC plans to conduct routine baseline inspections at the Oconee Nuclear Station for 2020



# QUESTIONS



# NRC Social Media Channels

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



# Getting in Touch with the NRC

- Website – [www.nrc.gov](http://www.nrc.gov)
- Questions/Information – [OPA2.Resource@nrc.gov](mailto:OPA2.Resource@nrc.gov) or 404-997-4417
- Allegations – 1-800-695-7403
- Employment – 301-415-7400 or [www.usajobs.gov](http://www.usajobs.gov)



# Getting in Touch with the NRC

- Contact Catawba NRC resident inspectors
  - Phone (404) 997-5130
  - Phone (404) 997-5131
- Contact McGuire NRC resident inspectors
  - Phone (404) 997-5171
  - Phone (404) 997-5173
- Contact Oconee NRC resident inspectors
  - Phone (404) 997-5211
  - Phone (404) 997-5213
  - Phone (404) 997-5214





# Annual Assessment Meeting Feedback

1. Scan the QR  
Code with smart device



Meeting code: 20200480

- OR -

2. 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

