



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303-1200

May 20, 2020

MEMORANDUM TO: Frank Ehrhardt, Chief **/RA/**  
Reactor Projects Branch 1  
Division of Reactor Projects

FROM: Jannette Worosilo, Senior Project Engineer **/RA/**  
Reactor Projects Branch 1  
Division of Reactor Projects

SUBJECT: PUBLIC MEETING SUMMARY – CATAWBA NUCLEAR  
STATION DOCKET NOS. 50-413 AND 50-414; MCGUIRE  
NUCLEAR STATION NOS. 50-369 AND 50-370; OCONEE  
NUCLEAR STATION NOS. 50-269, 50-270, AND 50-287

On May 18, 2020, Nuclear Regulatory Commission (NRC) staff held a virtual public meeting concerning the annual assessment of Catawba Nuclear Station Units 1 and 2; McGuire Nuclear Station Units 1 and 2; and Oconee Nuclear Station Units 1, 2, and 3. The purpose of the virtual meeting session was to provide opportunities to discuss the annual assessment of Catawba Nuclear Station Units 1 and 2; McGuire Nuclear Station Units 1 and 2; and Oconee Nuclear Station Units 1, 2, and 3 for the period of January 1, 2019 – December 31, 2019, with the public. Enclosed are the presentation slides displayed at the meeting.

Docket Nos.: 50-413 and 50-414;  
50-369 and 50-370;  
50-269, 50-270, and 50-287  
License No.: NPF-35 and NPF-52;  
NPF-9 and NPF-17;  
DPR-38, DPR-47, and DPR-55

Enclosures:  
1. Presentation Slides

CONTACT: Jannette Worosilo, RII/DRP/RPB1  
404-997-4485

SUBJECT: PUBLIC MEETING SUMMARY – CATAWBA NUCLEAR STATION DOCKET  
NOS. 50-413 AND 50-414; MCGUIRE NUCLEAR STATION NOS. 50-369 AND  
50-370; OCONEE NUCLEAR STATION NOS. 50-269, 50-270, AND 50-287  
May 20, 2020

**ADAMS Accession No. ML20141L417**

OFFICE	RII:DRP	RII: DRP		
NAME	J. Worosilo	F. Ehrhardt		
DATE	5/19/2020	5/20/2020		

**OFFICIAL RECORD COPY**

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

Reactor Oversight Process  
Nuclear Regulatory Commission - Region II



## 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)

- Process is implemented in each of the four NRC regions
- Process involves inspection and assessment activities controlled by each NRC region's senior management
- Process is implemented by regional inspectors and onsite resident NRC inspectors



## Significance Threshold

### Performance Indicators

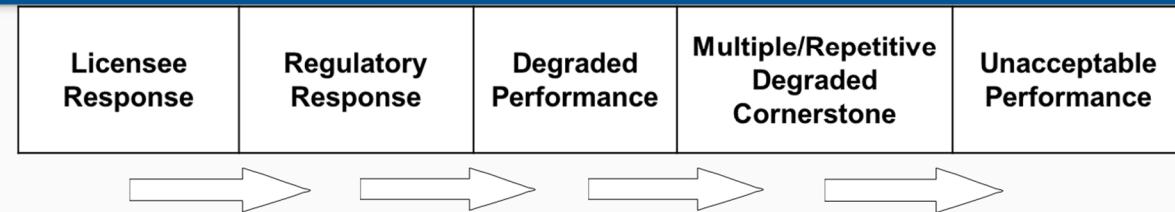
- Green:** Only Baseline Inspection
- White:** Increases NRC oversight
- Yellow:** Increases NRC oversight
- Red:** Increases NRC oversight

### 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



**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 MC GUIRE 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

