

# Surry

# Annual Assessment Meeting

2019 Reactor Oversight Process  
Nuclear Regulatory Commission – Region 2

ML20098B729

# Agenda

- Introductions – Surry Resident Inspectors and Regional Staff Responsible for Oversight
- Strategic Plan Goals
- Annual Assessment Summary
  - Findings
  - Performance Indicators
- NRC Plans for 2020
- NRC COVID-19 Response
- Questions/Answers



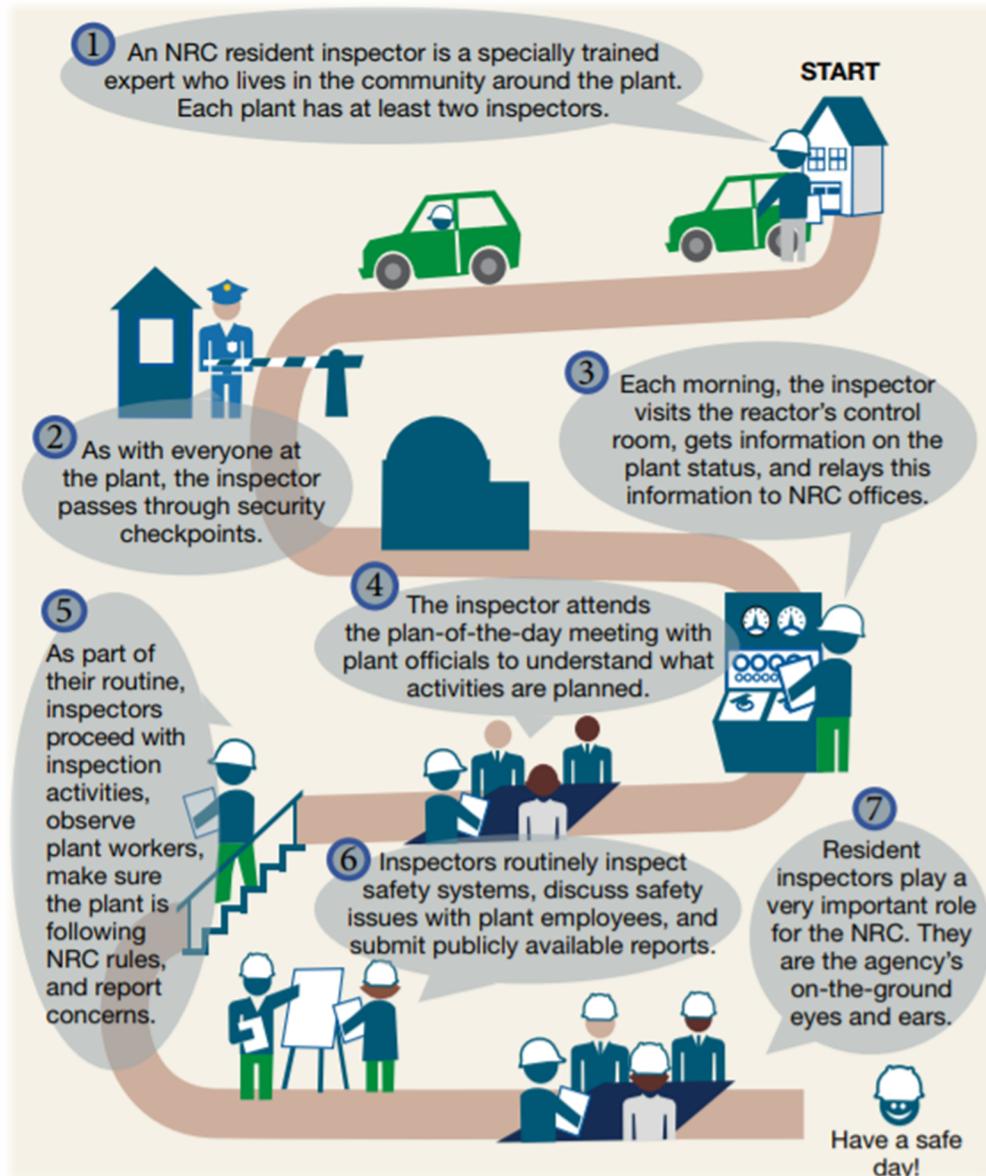
# Introductions

- Resident Inspectors

- Lou McKown – Senior Resident Inspector
- Carey Read – Resident Inspector

- Regional Personnel

- Stewart Bailey – Branch Chief
- Phil Niebaum – Senior Project Engineer
- Jeffrey Hamman – Senior Project Engineer
- Donna Jackson – Project Engineer



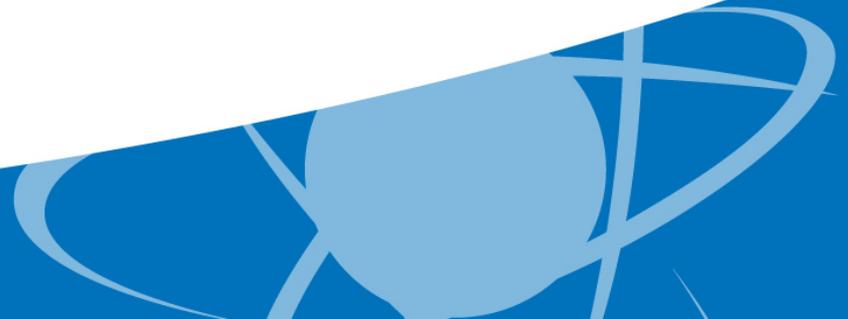
# The NRC's Resident Inspectors

# The NRC's Resident Inspectors



# NRC Strategic Plan Goals

- Safety – Ensure adequate protection of public health and safety and the environment
- Security – Ensure adequate protection of the secure use and management of radioactive materials



# NRC Annual Assessment Summary

## Surry Nuclear Plant

- Dominion/Surry operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- Surry was in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2019.



# NRC Inspection Activities

## Surry Nuclear Plant for 2019

- Approx. 6330 hours of inspection and related activities
- Two (2) resident inspectors on site – residents group inspections into four quarters per year and walk through the plant every day
- Three (3) major team inspections
  - Cyber Security Inspection
  - Emergency Preparedness Exercise
  - Post Approval License Renewal Inspections

# Surry PIs and Findings

January 1 through December 31, 2019

- All Green Performance Indicators
- Three (3) Green / Severity Level IV inspection findings



# NRC Inspection Findings

## Surry Nuclear Plant

- Failure to Identify Nonfunctional Backflow Preventers During Operator Rounds
- Failure to Enter Turbine Building Degradation in the Corrective Action Program
- Failure to Align 'B' Emergency Service Water Pump to Angle Drive to Diesel Engine Train in accordance with As Built Design Specification

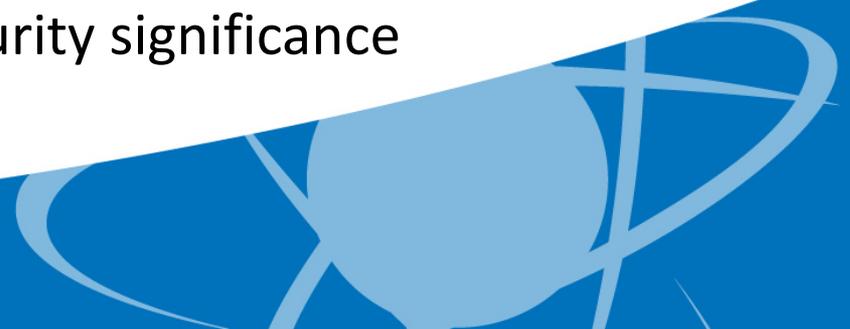
# Significance Threshold

## Performance Indicators

- **Green** Baseline Inspection
- White Requires additional NRC oversight
- **Yellow** Requires more NRC oversight
- **Red** Requires most NRC oversight

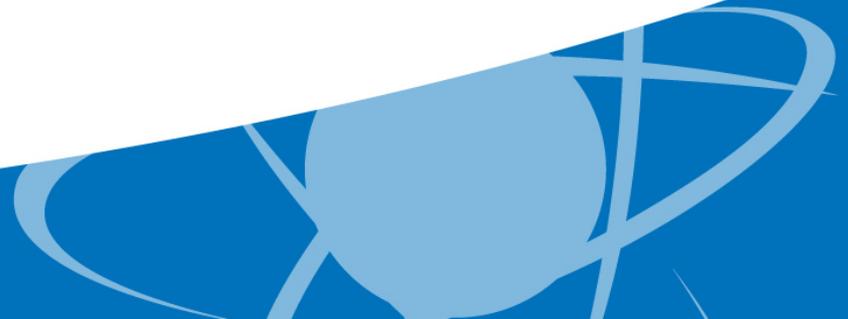
## Inspection Findings

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



# NRC Inspection Plans for 2020

- NRC plans baseline inspections at Surry for the remainder of 2020. This includes:
  - Design Basis Assurance Inspection
  - Emergency Preparedness Program Inspection
  - Radiological Protection Inspections
  - Inservice Inspections / Testing Inspection
  - Biennial Problem Identification and Resolution



# NRC Response to COVID-19

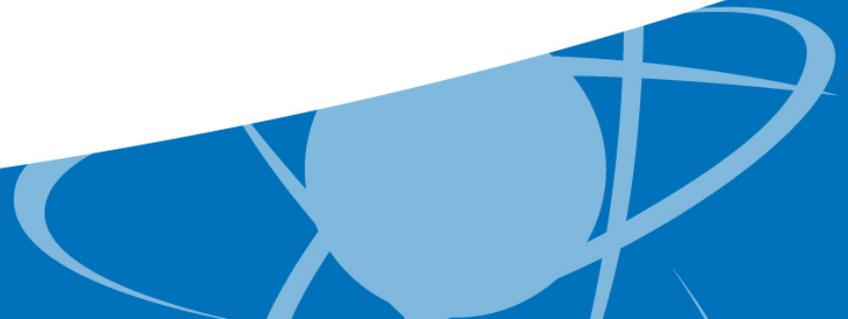
- **Mission Critical Functions**
  - Monitoring plant activities through inspections and oversight.
  - Maintaining emergency response capabilities with Regional IRCs and HQ.
  - Risk-informing "eyes on" inspections through residents and regional inspections.



# NRC Response to COVID-19

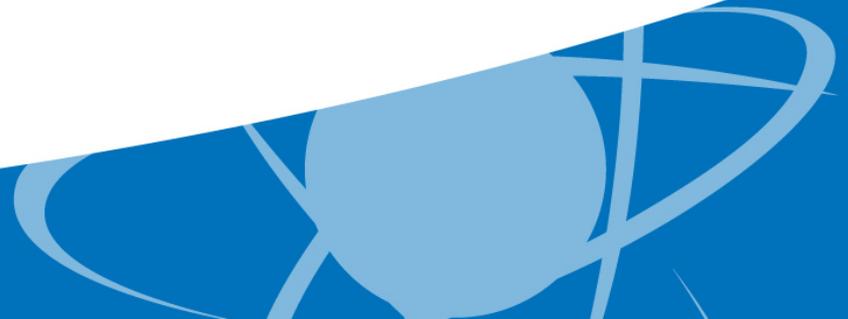
## ● Additional Actions

- Established a COVID-19 Task Force
- When on site, residents are social distancing as much as possible
- Dedicated Continuity of Operations Plan available
- Coordinating actions with industry on best practices to minimize impacts.



# 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)



# NRC Social Media

STAY CONNECTED



@NRCgov

WWW.NRC.GOV

- 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>

# Questions?

**Nuclear Regulatory Commission  
Region 2**

**April 22, 2020**