

North Anna Annual Assessment Meeting

2019 Reactor Oversight Process
Nuclear Regulatory Commission – Region 2

ML20098B602

Agenda

- Introductions – North Anna 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



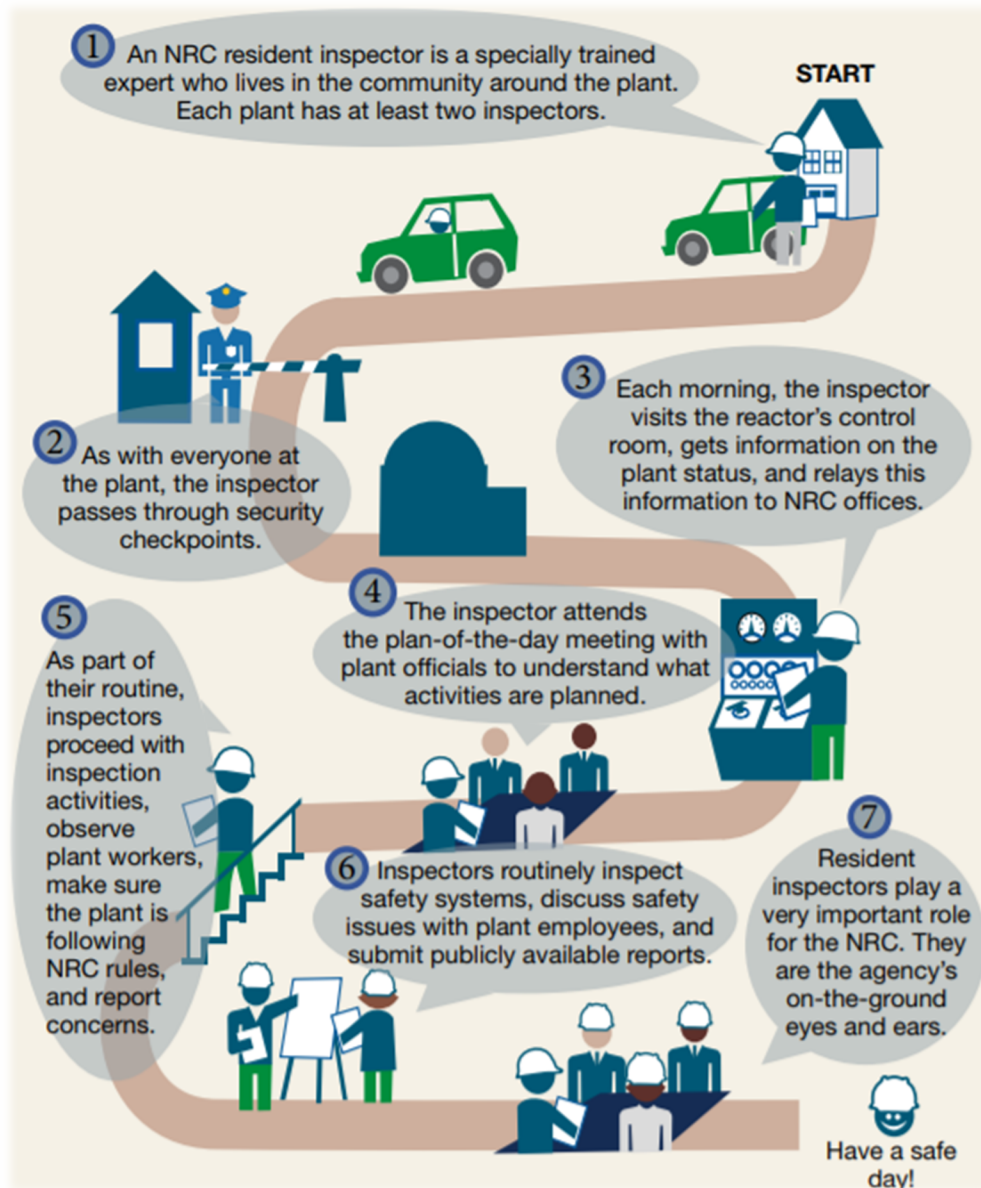
Introductions

- Resident Inspectors

- Maggie Tobin – Senior Resident Inspector
- Vance Petrella – Resident Inspector (Acting)

- 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

North Anna



- Dominion/ North Anna operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- North Anna was in the Licensee Response Column of the NRCs ROP Action Matrix for 2019.

NRC Inspection Activities

North Anna for 2019

- Approx. 5468 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
- 3 major team inspections
 - Design Basis Assurance Inspection
 - Emergency Preparedness Program Inspection
 - Problem Identification & Resolution Inspection

North Anna Pls and Findings

January 1 through December 31, 2019

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



NRC Inspection Findings

North Anna

- Failure to Qualify Containment Components for Initial Acidic Chemical Environment
- Failure to Verify the Adequacy of Design for Aging and Accident Profile Testing
- Failure to Adequately Implement the Equipment Clearance Procedure

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 North Anna for the remainder of 2020. This includes:
 - Cyber Security Inspection
 - Emergency Preparedness Exercise
 - Evaluation of Changes, Tests, and Experiments



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
- Questions/Information – OPA2.Resource@nrc.gov or 404-997-4417
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Questions?

**Nuclear Regulatory Commission
Region 2**

April 22, 2020