

VOGTLE ELECTRIC GENERATING PLANT UNITS 1, 2, 3 and 4 2019 Annual Assessment

Reactor Oversight Process (ROP)
and
Construction Reactor Oversight Process (cROP)
Nuclear Regulatory Commission - Region II

ML20136A283

Nuclear Regulatory Commission
Region II
May 20, 2020



Meeting's Purpose

- Vogtle Generating Electric Nuclear Plant Units 1, 2, 3 and 4 performance from January 1, 2019 through December 31, 2019
- Provide an overview on NRC inspection activities
- NRC Resident Inspectors and Representatives are available for discussion, questions and answers



Agenda

- Introduction
- Resident Inspector Program (Operating and Construction)
- Review of Reactor Oversight Process (ROP & cROP)
- Discussion of Plant Performance Results (ROP & cROP)
- Project Milestones and 2020 Inspections (cROP)
- NRC Response to COVID-19
- NRC Closing Remarks
- NRC available to address public questions



NRC Mission Statement

The NRC licenses and regulates the Nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety and to promote the common defense and security and to protect the environment.

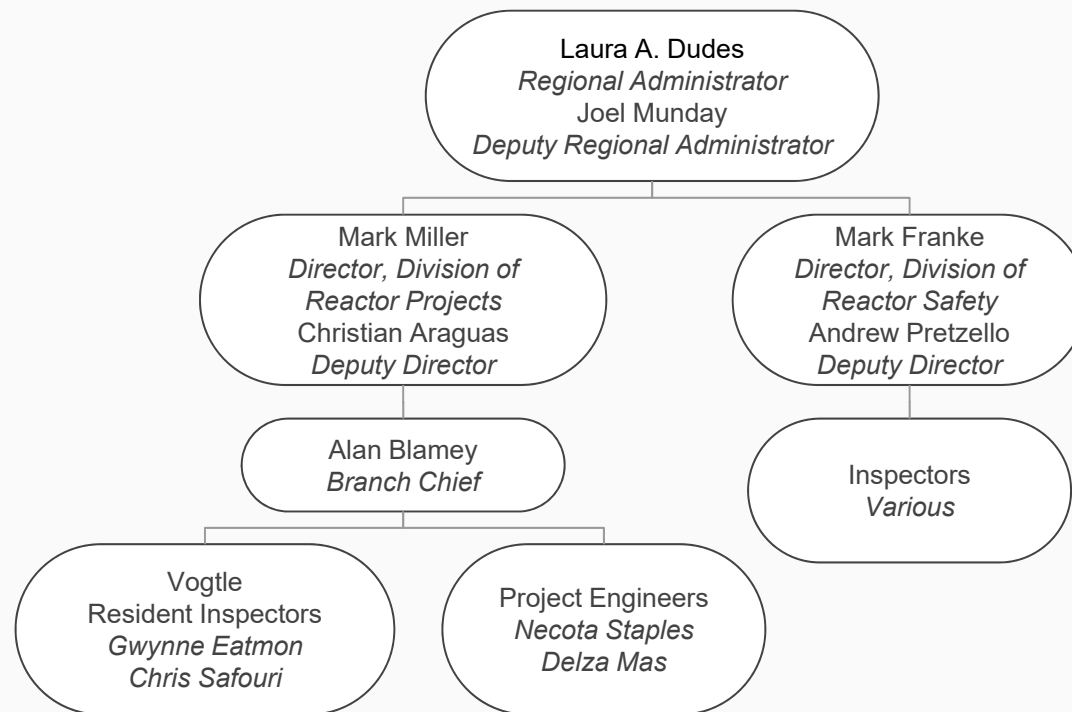
STRATEGIC GOALS

SAFETY STRATEGIC GOAL: Ensure the Safe Use of Radioactive Materials

SECURITY STRATEGIC GOAL: Ensure the Secure Use of Radioactive Materials



Region II ROP Organization (Units 1 & 2)



Resident Inspector Program

- Inspectors live in the community and work at the Nuclear Plants
- Provide daily coverage and oversight of plant activity



Resident Inspector Program

- Daily visits to control room and meetings with plant managers
- Prioritize inspections based on important plant activity



Resident Inspector Program

- Observe emergency exercises and provide support for any real emergencies or urgent issues

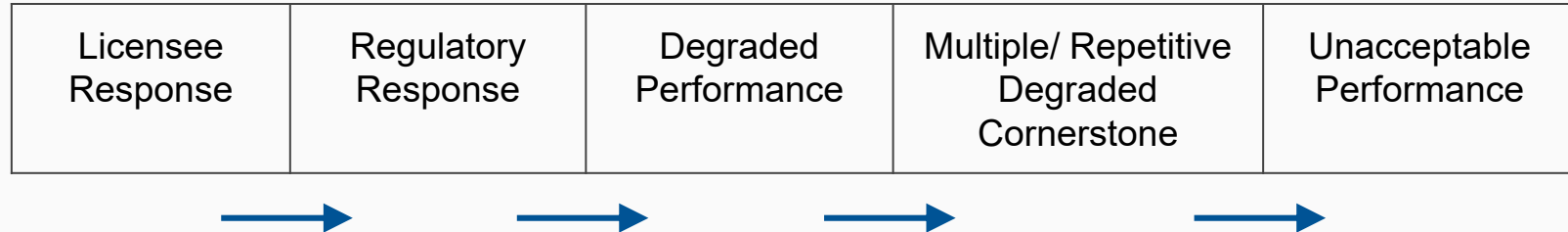


Resident Inspector Program

- Support NRC allegation process for plant employees and the public
- Routinely discuss safety concerns with plant management and operators



ROP Action Matrix Columns (Units 1 & 2)



Vogtle Units 1 and 2 - Regulatory Response Column (Column 2 of IMC 305) of the NRCs ROP Action Matrix for 2019

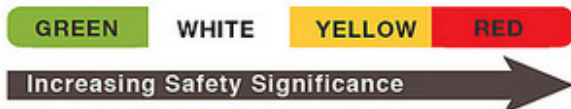
Vogtle Units 1 & 2

Findings and Performance Indicators

- Units 1 & 2: Column 2, Regulatory Response column; White NOV: Incorrect calibration of Containment High Radiation Monitors
- 1 Green non-cited violation
- All PIs were Green (no performance thresholds exceeded)

Reactor Oversight Action Matrix Performance Indicators

Performance Indicators



Inspection Findings



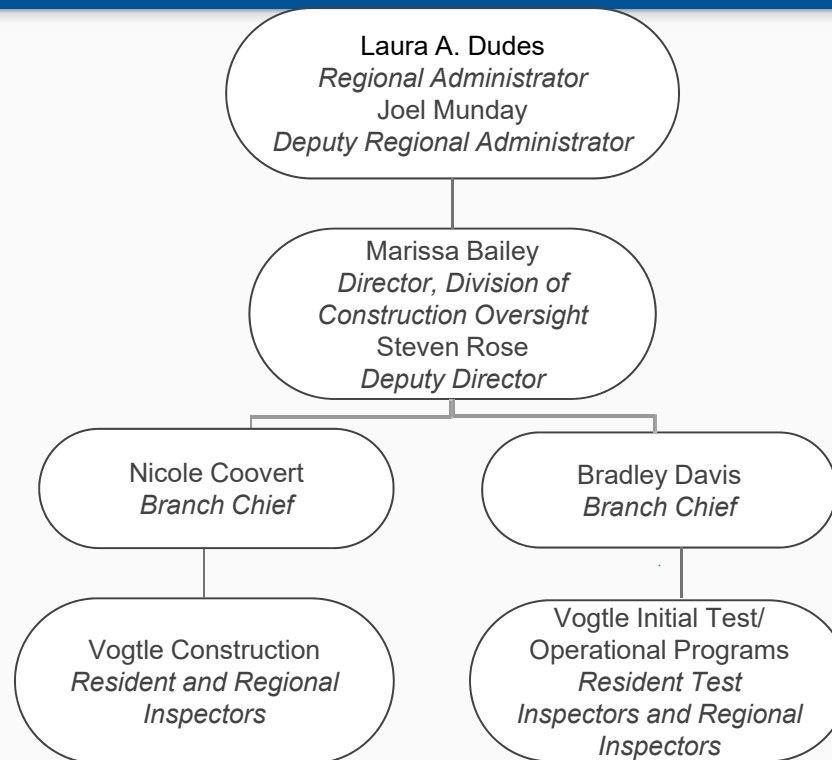


2019 Annual Assessment

Vogtle Units 3 & 4



Region II cROP Organization (Units 3 & 4)



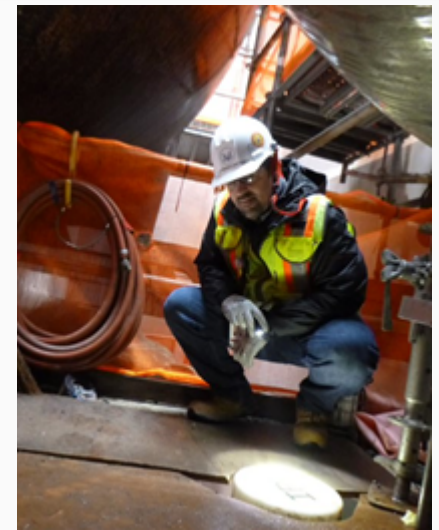
Construction Resident Inspector Program

- Inspectors live in the community and work at the nuclear plant construction site
- Provide daily coverage and oversight of plant construction and testing activities



Construction Resident Inspector Program

- Construction Inspections
- Initial Test Program Inspections
- Operational Programs Inspections



10 CFR 52.103 Determination

All ITAAC
completed
by
licensee

Finding all
ITAAC are
met

52.103(g)
finding

Operation is
authorized,
and fuel load
may
commence

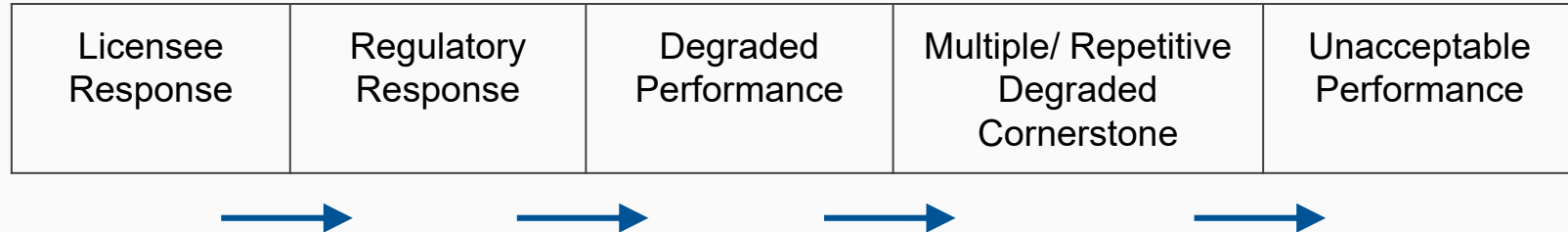
ITAAC are no
longer
requirements
for the plant

Tech Specs
and
operating
license
conditions
take over



Public Involvement Opportunity – when the Commission publishes notice of intended operation (no less than 180 days before scheduled fuel load), public has 60 days to submit hearing request on ITAAC. The 60-day window for hearing requests has closed.

cROP Action Matrix Columns (Units 3 & 4)



Vogtle Units 3 and 4 - Licensee Response Column (Exhibit 2, Column 1 of IMC 2505)
of the NRC's cROP Action Matrix for 2019

Vogtle Units 3 & 4

Findings and Assessment

- Continue Baseline Inspections with Routine Inspector and Licensee Interactions
- All Cornerstone Objectives were Green (no performance thresholds exceeded)
- 3 Green non-cited violations (All ITAAC Findings)
- One SL-IV Traditional Enforcement (Security-Related)
- Status of Confirmatory Orders discussed in End of Cycle letter dated 3/3/2020 (See ML20063L605)



NRC Response to COVID-19

- **Mission Critical Functions**

- Monitoring plant activities through inspections and oversight
- Maintaining emergency response capabilities with Regional Incident Response Center 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

Getting in Touch with the NRC

- Website – www.nrc.gov
- Questions/Information – OPA2.Resource@nrc.gov or 404-997-4417
- Allegations – 1-800-695-7403
- Employment – 301-415-7400 or www.usajobs.gov

NRC Social Media

STAY CONNECTED



- **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>

Vogtle Units 1, 2, 3, & 4



End of Presentation

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