

2020 ANNUAL ASSESSMENT

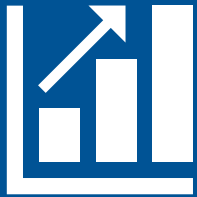


VOGTLE ELECTRIC GENERATING PLANT



REACTOR OVERSIGHT PROCESS • CONSTRUCTION REACTOR OVERSIGHT PROCESS
NUCLEAR REGULATORY COMMISSION • REGION II • APRIL 28, 2021

PURPOSE



**Discuss licensee
performance in 2020**



**Address findings and
Performance Indicators**



Observation Meeting

AGENDA

Introduction

Resident Inspector Program (Operating and Construction)

Review of Reactor Oversight Process (ROP & cROP)

Discussion of Plant Performance Results (ROP & cROP)

NRC Response to COVID-19

NRC Closing Remarks

NRC available to address public questions

NRC MISSION STATEMENT

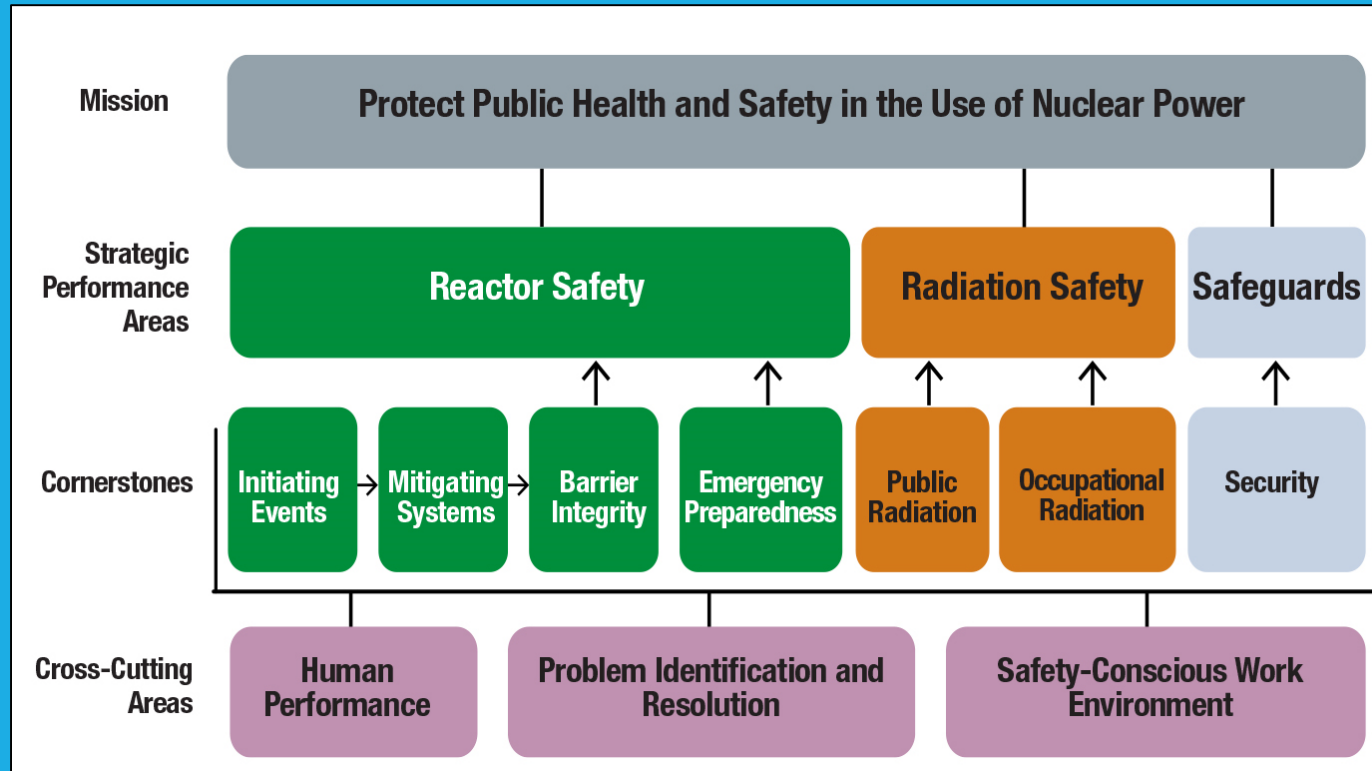
The NRC licenses and regulates the Nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety and to promote the common defense and security and to protect the environment.

STRATEGIC GOALS

SAFETY: Ensure the Safe Use of Radioactive Materials

SECURITY: Ensure the Secure Use of Radioactive Materials

REACTOR OVERSIGHT PROCESS



REACTOR OVERSIGHT PROCESS

INSPECTION

- 11 Regional Inspections in Radiation Protection, Security, Cyber Security, Design Basis Assurance, and Emergency Planning
- 2 resident inspectors on site – issue four quarterly inspection reports per year and walk through the plant routinely

PERFORMANCE INDICATORS

- 17 Performance Indicators
- Licensee submits data to NRC quarterly
- Inspection program verifies accuracy
- Data available on NRC website

RESIDENT INSPECTOR PROGRAM

- Inspectors live in the community and work at the Nuclear Plants
- Provide routine oversight at the plants



RESIDENT INSPECTOR PROGRAM

- Routine 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



Reactor Oversight Inputs and Oversight



INCREASING SAFETY SIGNIFICANCE

	GREEN	WHITE	YELLOW	RED
Performance Indicators	Performance within an expected level; Cornerstone objectives are met	Performance outside expected range; Cornerstone objectives are still being met	Related cornerstone objectives are being met; Minimal reduction in the safety margin	Signals a significant reduction in safety margin in the area measured
Findings	Very low safety or security significance	Low to moderate safety or security significance	Substantial safety or security significance	High safety or security significance
Oversight	Baseline Inspection	Requires additional NRC oversight	Requires more NRC oversight	Requires most NRC oversight

INCREASING NRC OVERSIGHT

VOGTLE UNITS 1 & 2 FINDINGS & PERFORMANCE INDICATORS

January 1 - December 31, 2020

- All Performance Indicators were Green
- 3 Green non-cited violations
- 1 Green Finding
- 1 White Violation – Emergency Preparedness Cornerstone
 - ✓ Southern Nuclear Operating Company did not properly calibrate containment radiation monitors which could have resulted in offsite response organizations implementing unnecessary public protective actions
 - ✓ Vogtle Units 1 & 2 were in the NRC Regulatory Response Column (Column 2) during the first and second quarter 2020
 - ✓ On June 24, 2020, the NRC completed a review of corrective actions and determined the actions restored compliance for these monitors and returned Vogtle to the licensee response column in the third quarter of 2020

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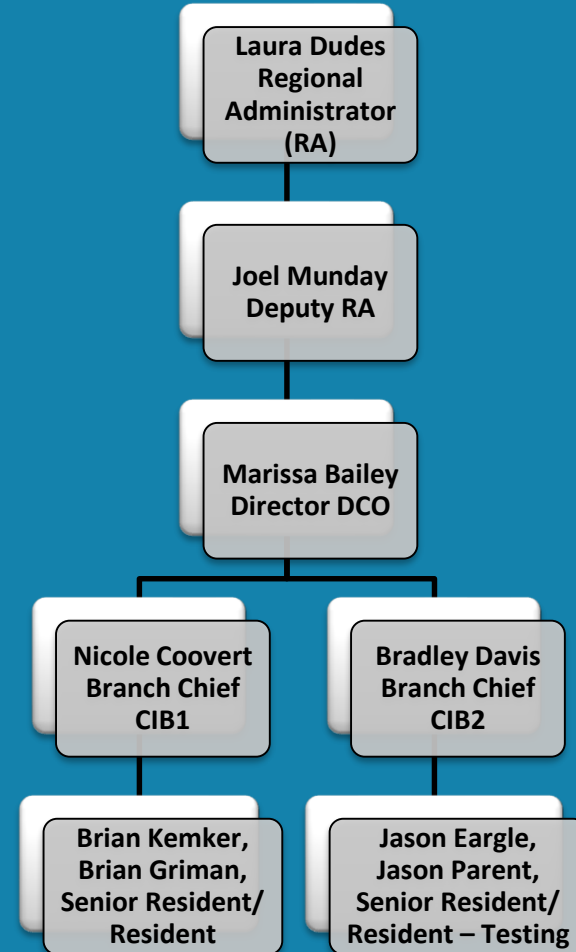
VOGTLE UNITS 3 & 4



VOGTLE UNITS 3 & 4

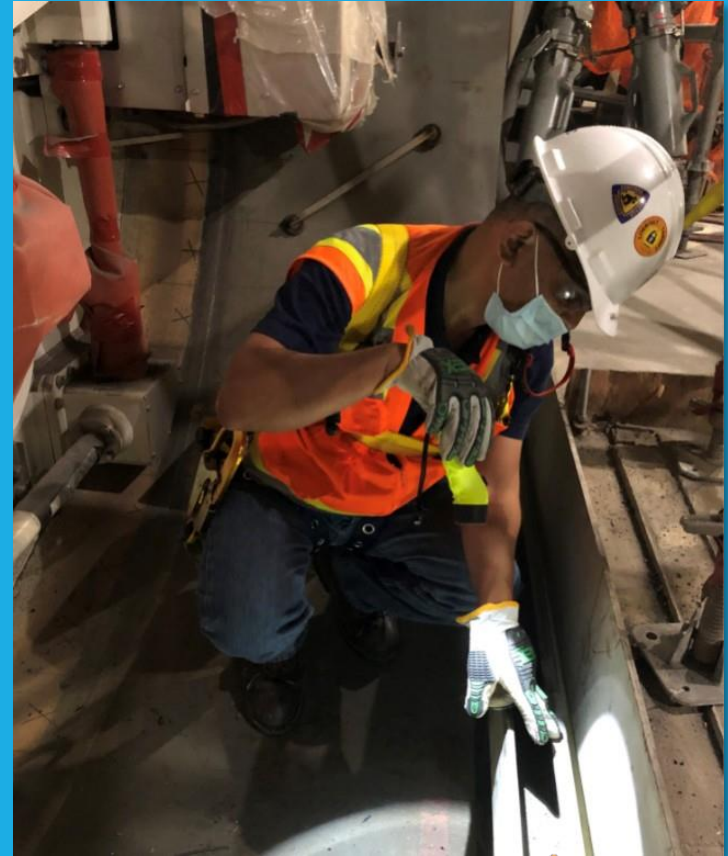
REGION II cROP

ORGANIZATION



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

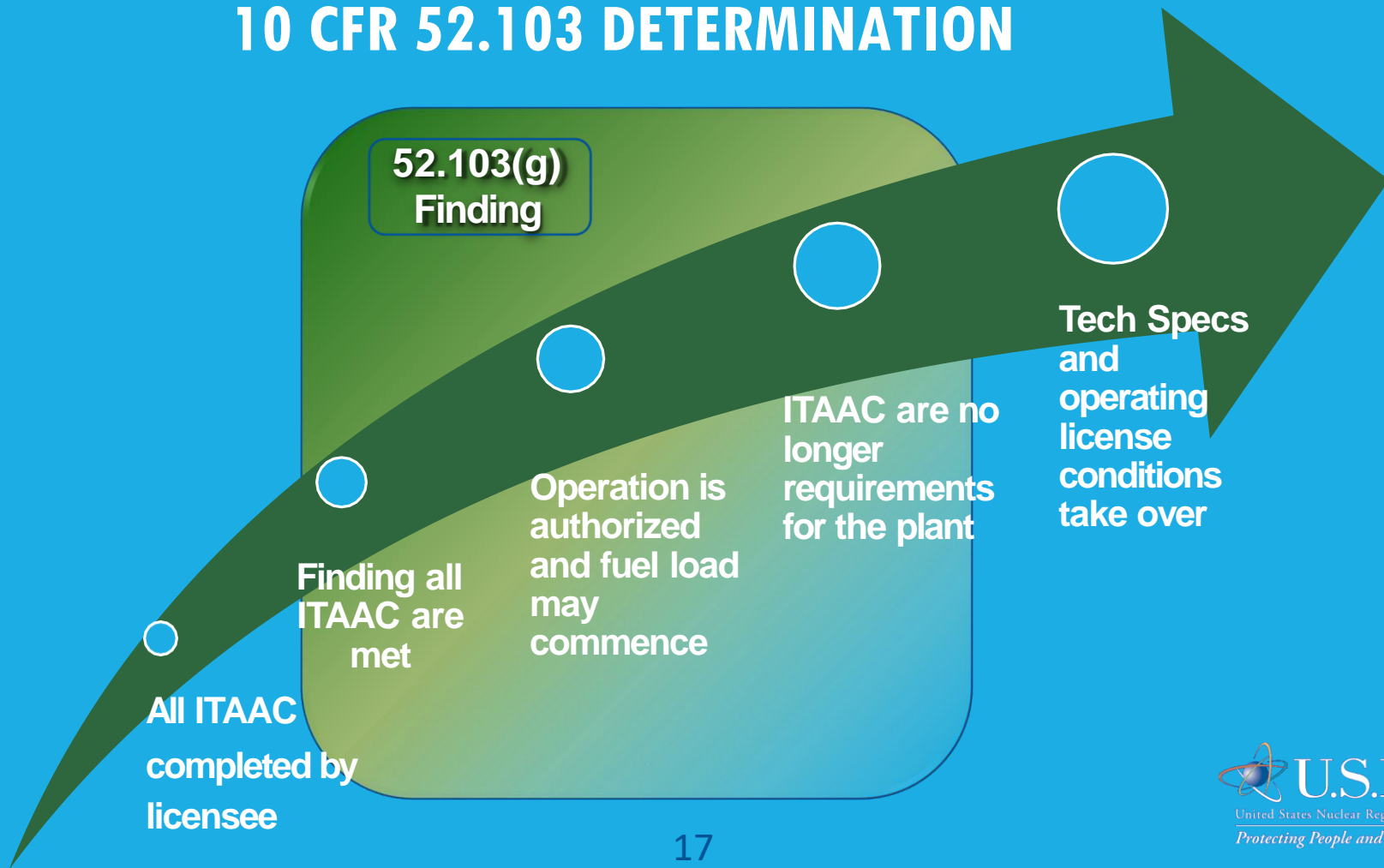


CONSTRUCTION RESIDENT INSPECTOR PROGRAM

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

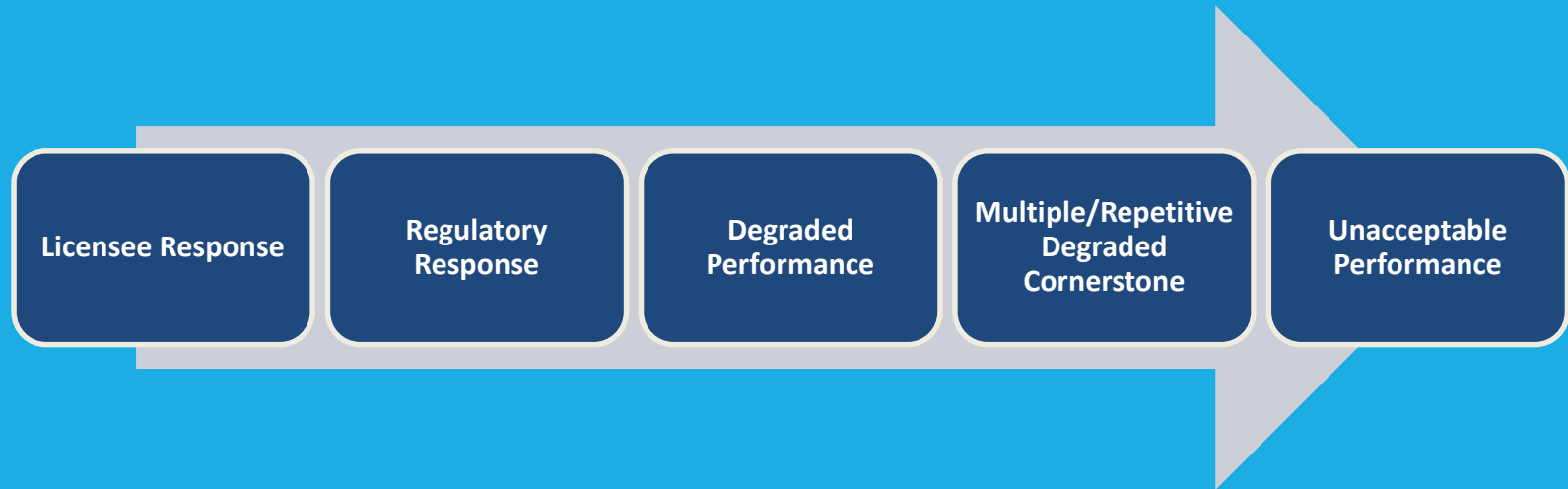


10 CFR 52.103 DETERMINATION



CONSTRUCTION REACTOR OVERSIGHT PROCESS

Action Matrix Columns (Units 3 & 4)



Vogtle Units 3 and 4 – Licensee Response Column
of the NRCs Construction Reactor Oversight Process (cROP) Action Matrix for 2020

VOGTLE UNITS 3 & 4 PERFORMANCE

- Continue Baseline Inspections
- All Inspection Findings Green
- Seven Green Non-Cited Violations
- One Severity Level IV Traditional Enforcement Violation
- Status of Confirmatory Orders Discussed in End of Cycle Letter Dated March 3, 2021: ML21061A216

NRC RESPONSE TO COVID-19



**Monitor plant activities
through inspections &
oversight**



**Maintain emergency
response capabilities**



**Risk-informing
"eyes on" inspections**

www.nrc.gov/about-nrc/covid-19/index.html

NRC RESPONSE TO COVID-19



Expanded use of telework where appropriate



Dedicated Continuity of Operations Plan



Align with Federal, State, and Local guidance

www.nrc.gov/about-nrc/covid-19/index.html

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

NRC ON SOCIAL MEDIA

- 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>

STAY CONNECTED



WWW.NRC.GOV



VOGTLE UNITS

1, 2, 3 & 4



END OF PRESENTATION



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