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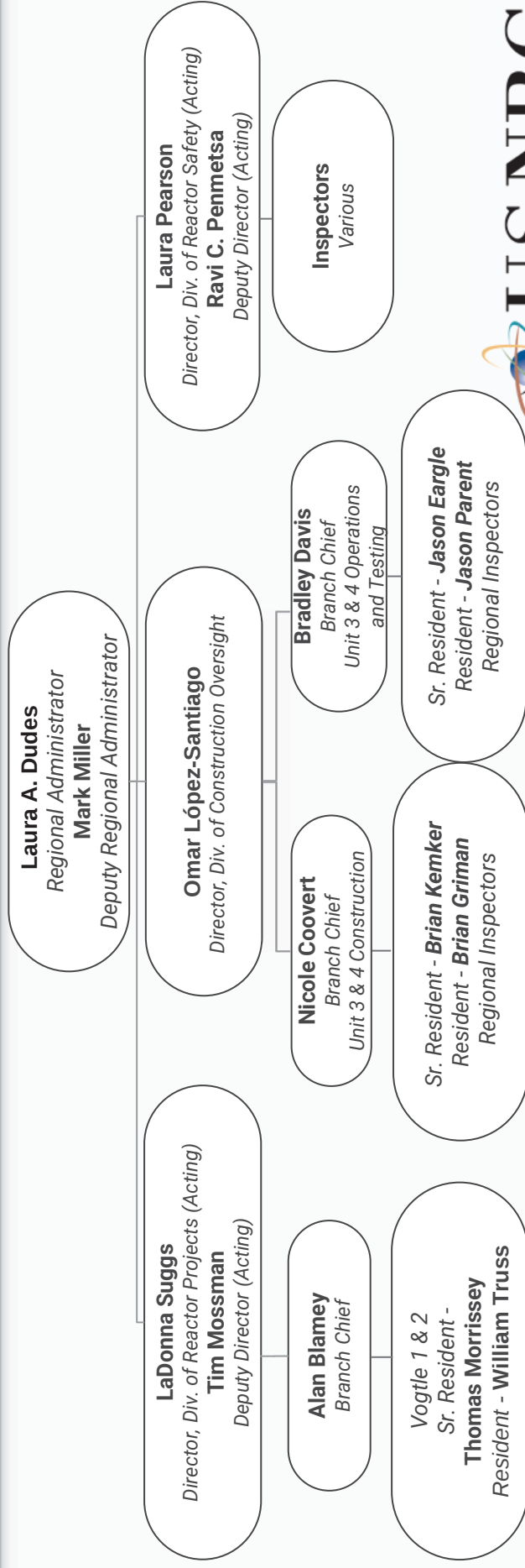
VOGTLE ELECTRIC GENERATING PLANT 2022 ANNUAL ASSESSMENT



NUCLEAR REGULATORY COMMISSION • REGION II • APRIL 20, 2023

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Introductions & Region II Vogtle Organization



United States Nuclear Regulatory Commission

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Meeting's Purpose

- Vogtle Electric Generating Plant Units 1, 2, 3 and 4 performance from January 1, 2022, through December 31, 2022
- Provide an overview on NRC inspection activities
- NRC Resident Inspectors and Representatives are available for discussion, questions and answers



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Agenda

- NRC Mission Statement
- Review of Reactor Oversight Process (ROP) and Construction Reactor Oversight Process (cROP)
- Resident Inspector Program (ROP & cROP)
- Units 1 - 4 Plant Performance Results (ROP & cROP)
- Project Milestones and 2022 Inspections (cROP)
- NRC Closing Remarks
- NRC available to address public questions



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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

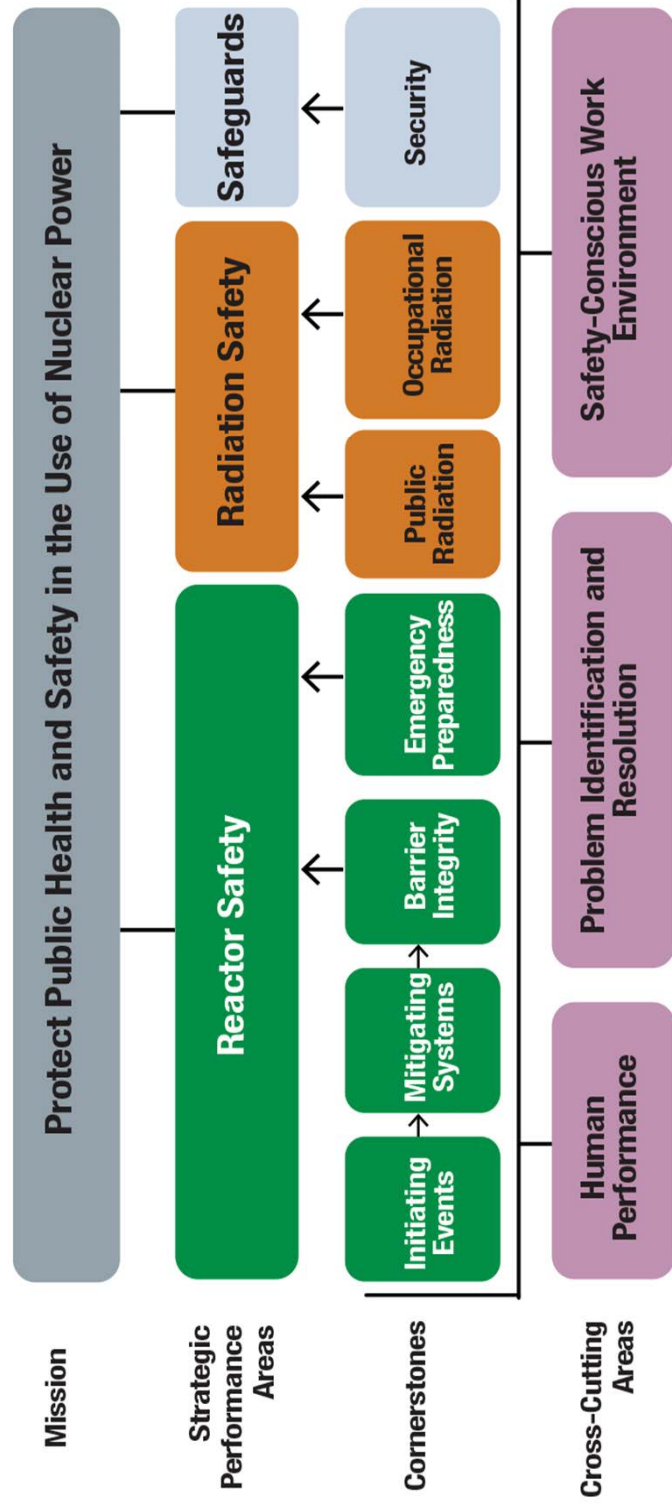
SECURITY STRATEGIC GOAL: Ensure the Secure Use of Radioactive Materials



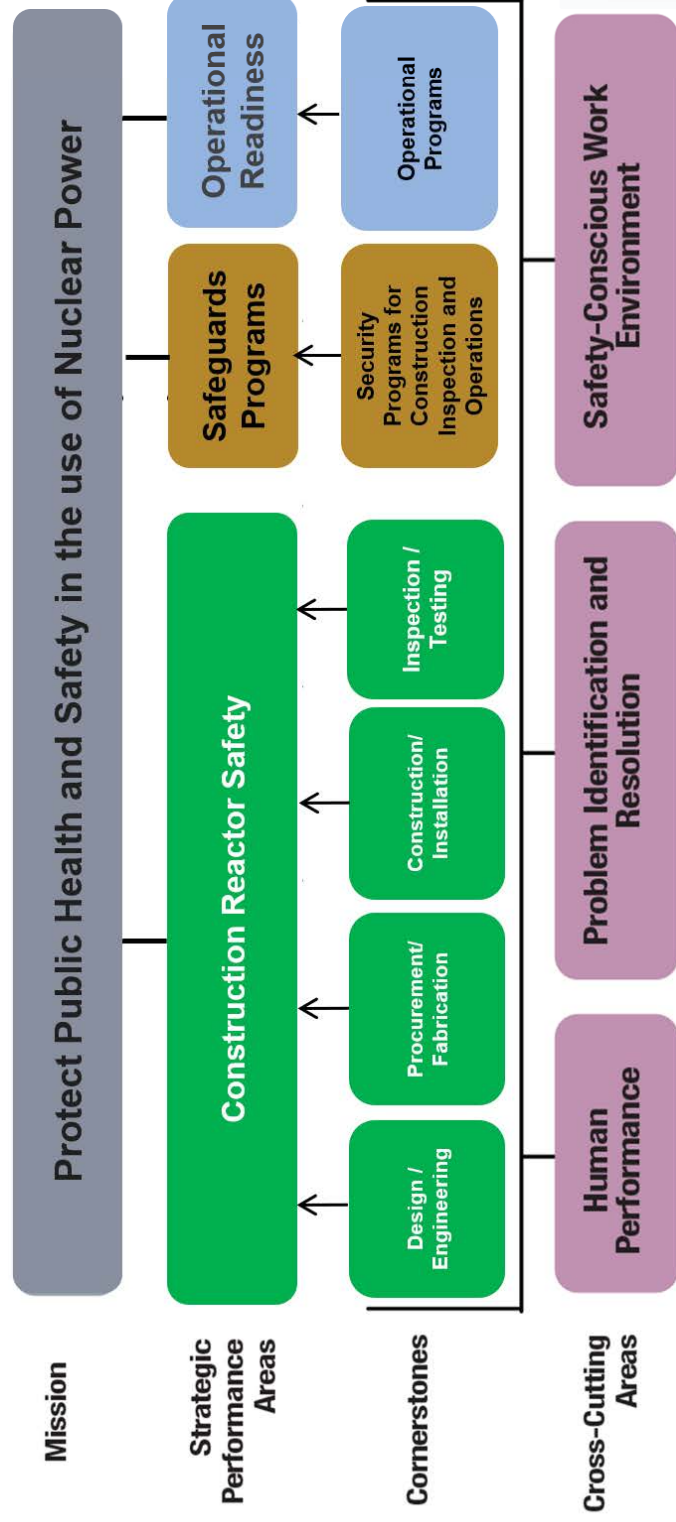
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Reactor Oversight Program (ROP)



Construction Reactor Oversight Program (cROP)



Reactor Oversight Inputs and Oversight

INCREASING SAFETY SIGNIFICANCE

	GREEN	WHITE	YELLOW	RED
Performance Indicators <i>*ROP only</i>	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

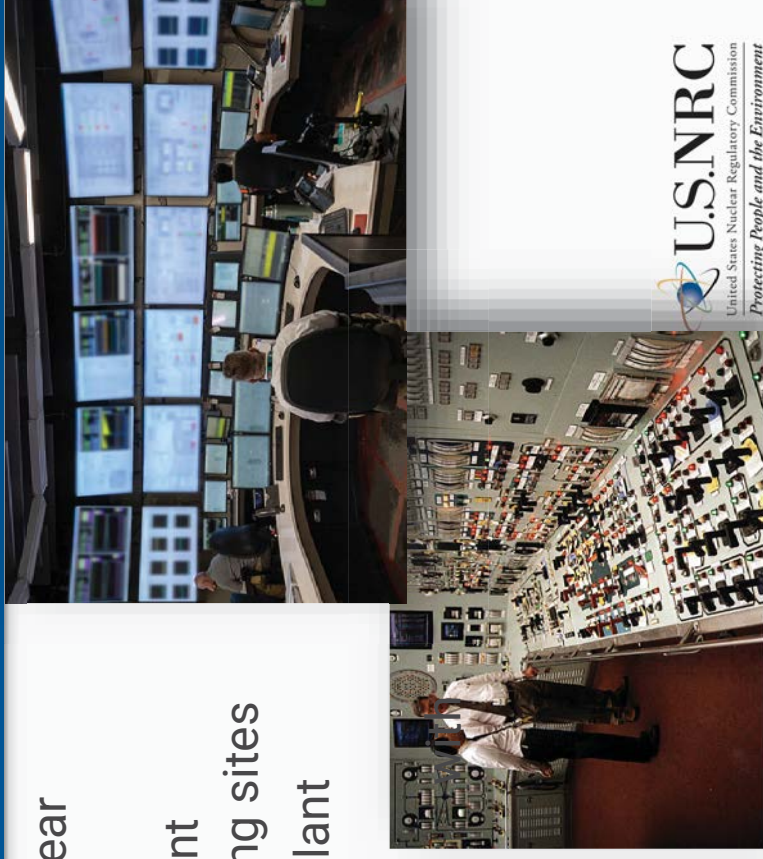


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Resident Inspector Program – Vogtle Units 1-4

- Live in the community and work at the nuclear sites and respond to plant events
- Provide daily coverage and oversight of plant activities for both construction and operating sites
- Prioritize inspections based on important plant activities
- Routinely discuss safety concerns plant management
- Support NRC allegation process for plant employees and the public

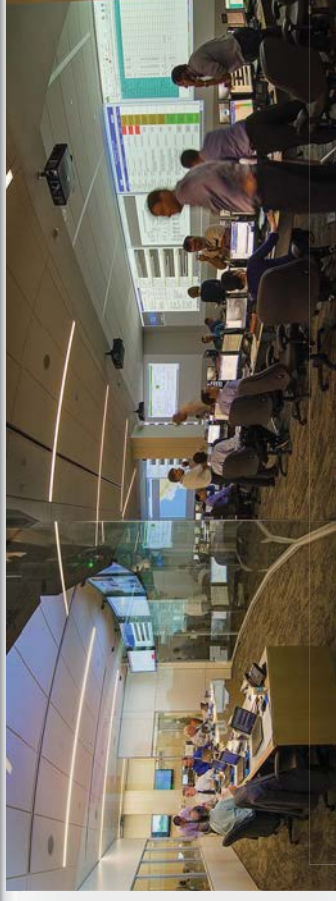
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Resident Inspector Program – Vogtle Units 1-4

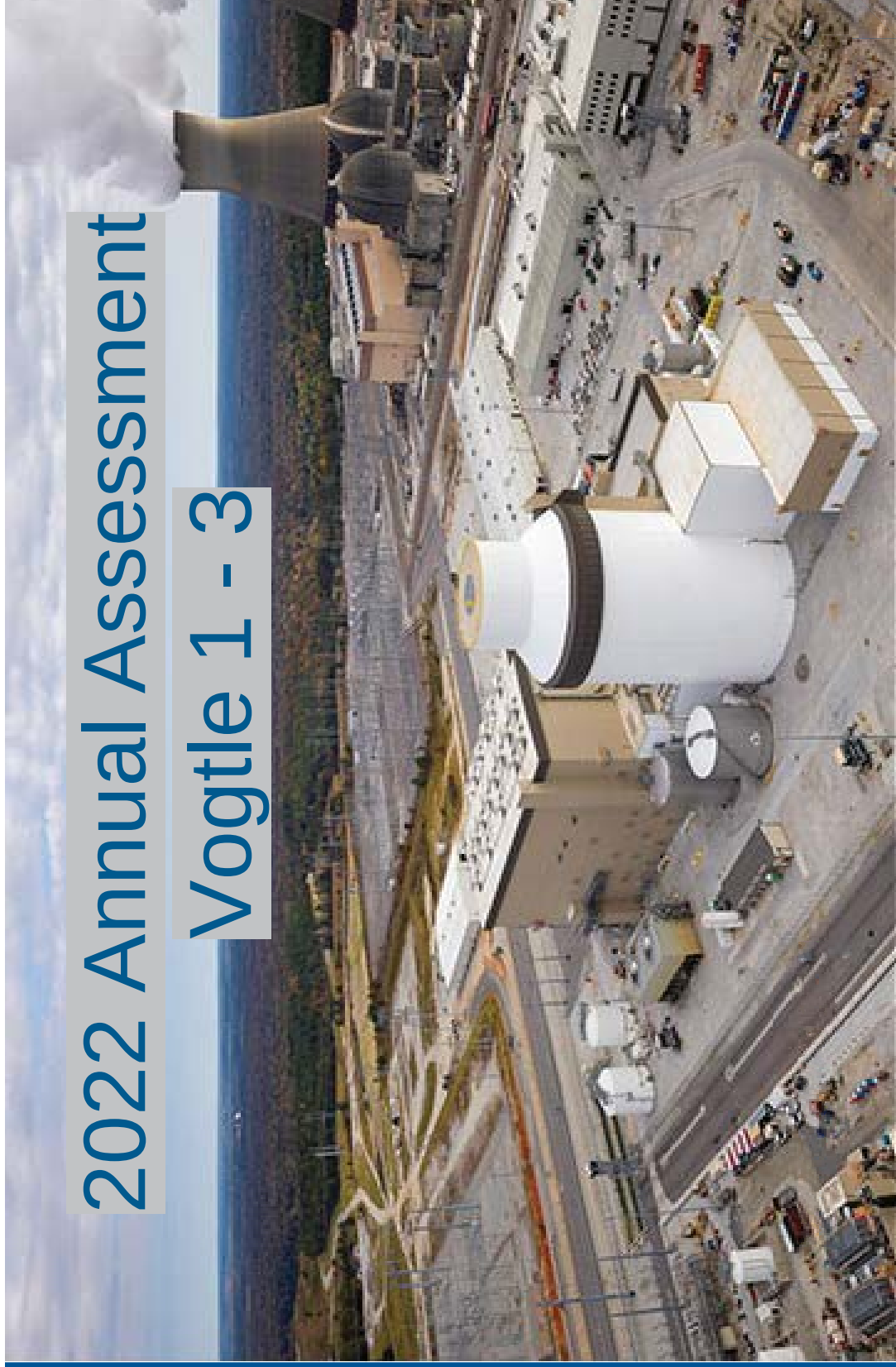
- ROP
 - Conduct the baseline inspections
 - Observe emergency exercises and provide support for any real emergencies or urgent issues
- cROP
 - ITAAC inspections
 - Initial Test Program inspections
 - Operational Programs inspections

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2022 Annual Assessment

Vogtle 1 - 3



Vogtle Units 1 - 3

Annual Assessment Summary

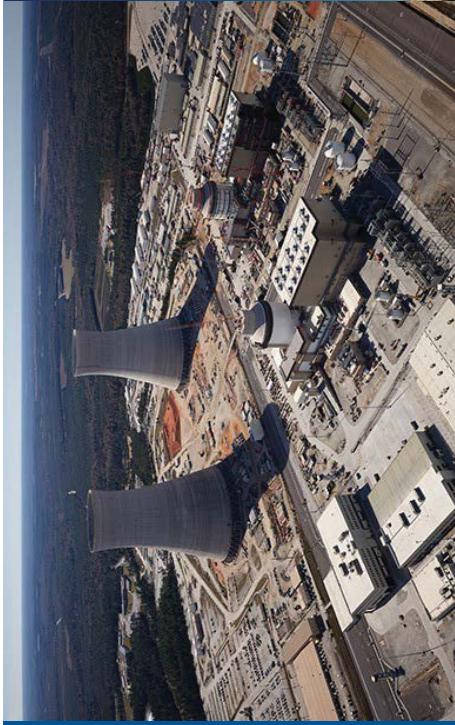
- Southern Nuclear Company operated the Vogtle Nuclear Plant Units 1-3 safely and in a manner that preserved the public health and safety and protected the environment.
- Vogtle Units 1, 2, and 3 were in the **Licensee Response Column** of the NRC's ROP Action Matrix for the last quarter of 2022.
 - Performance Indicators were Green (no performance thresholds exceeded)
 - Units 1 & 2: Six Green non-cited violations
 - Unit 3: Two Green non-cited violations
- NRC plans to conduct routine baseline inspections for 2023



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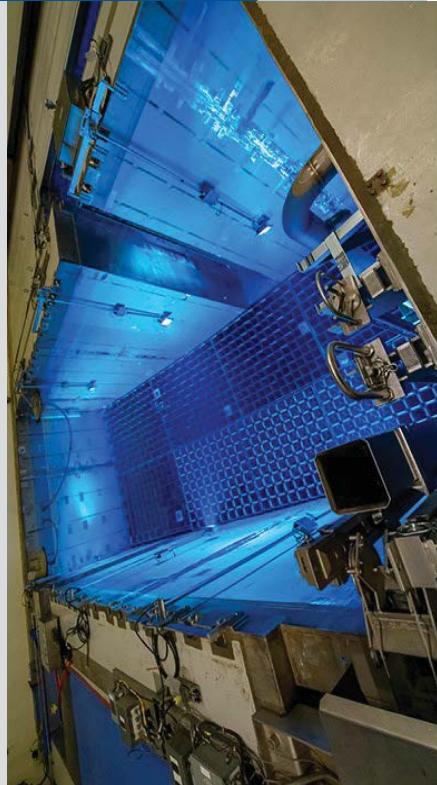
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2022 Annual Assessment

Vogtle Unit 4



Vogtle Units 4

Annual Assessment Summary

- Southern Nuclear Company constructed Vogtle Nuclear Plant Unit 4 safely and in a manner that preserved the public health and safety and protected the environment.
- Vogtle Unit 4 was in the **Licensee Response Column** of the NRC's cROP Action Matrix for the last quarter of 2022.
 - Unit 4: Four Findings of very low safety significance (Green)
- NRC plans to conduct routine baseline inspections for 2023

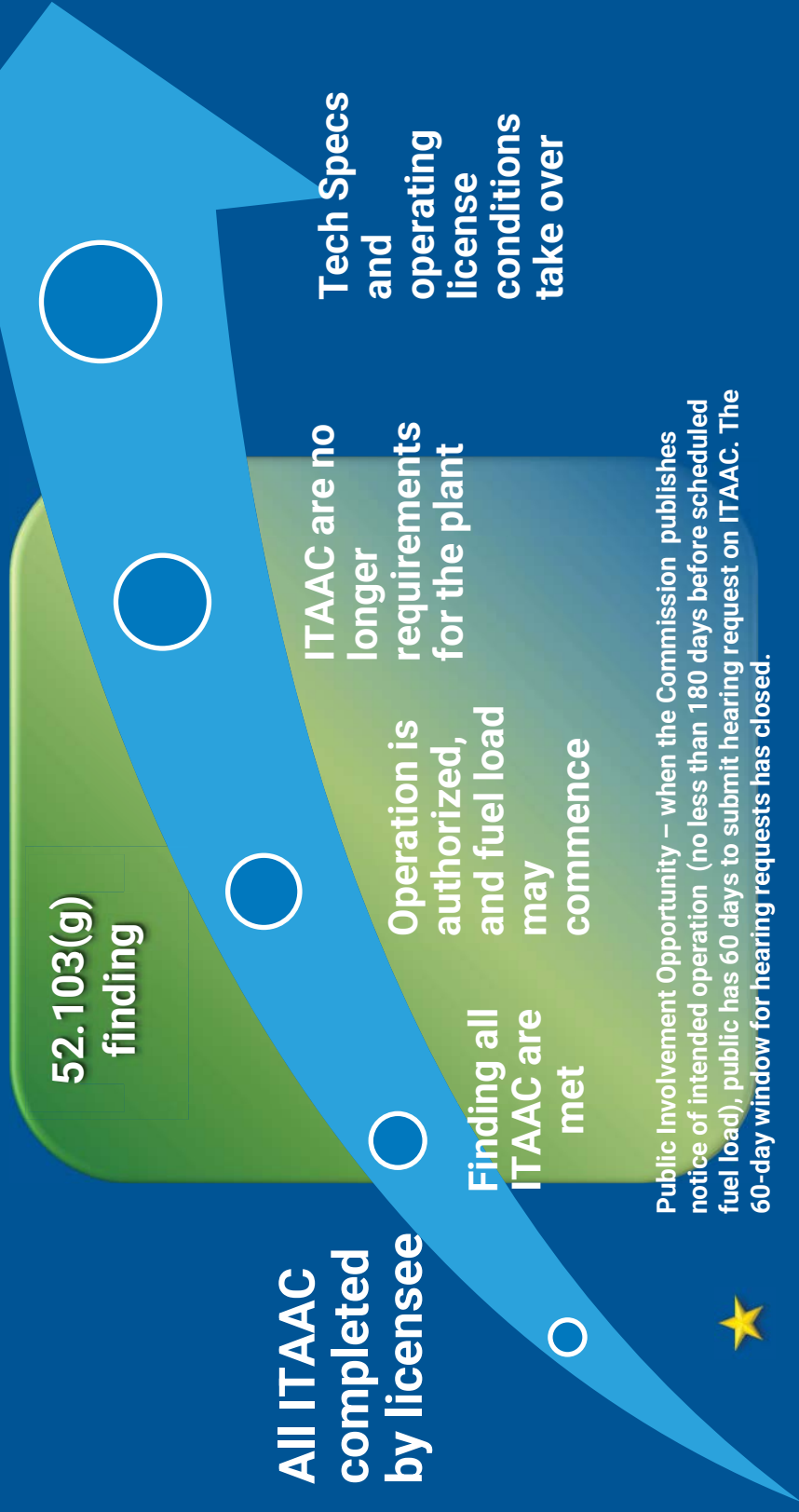


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10 CFR 52.103 Determination



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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

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Vogtle Units 1, 2, 3, & 4



End of Presentation

Nuclear Regulatory Commission
Region II
April 20, 2023

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Questions and Feedback

- Questions for Vogtle Units 1-4 NRC Representatives?
- Public Meeting Feedback Form:
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