# VOGTLE ELECTRIC GENERATING PLANT
# 2023 ANNUAL ASSESSMENT

## NUCLEAR REGULATORY COMMISSION • REGION II • APRIL 30, 2024

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# Introductions & Region II Vogtle Organization

U.S.NRC
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, 2023, through December 31, 2023
- 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)
- Resident Inspector Program
- Units 1 - 4 Annual Assessment Results
- 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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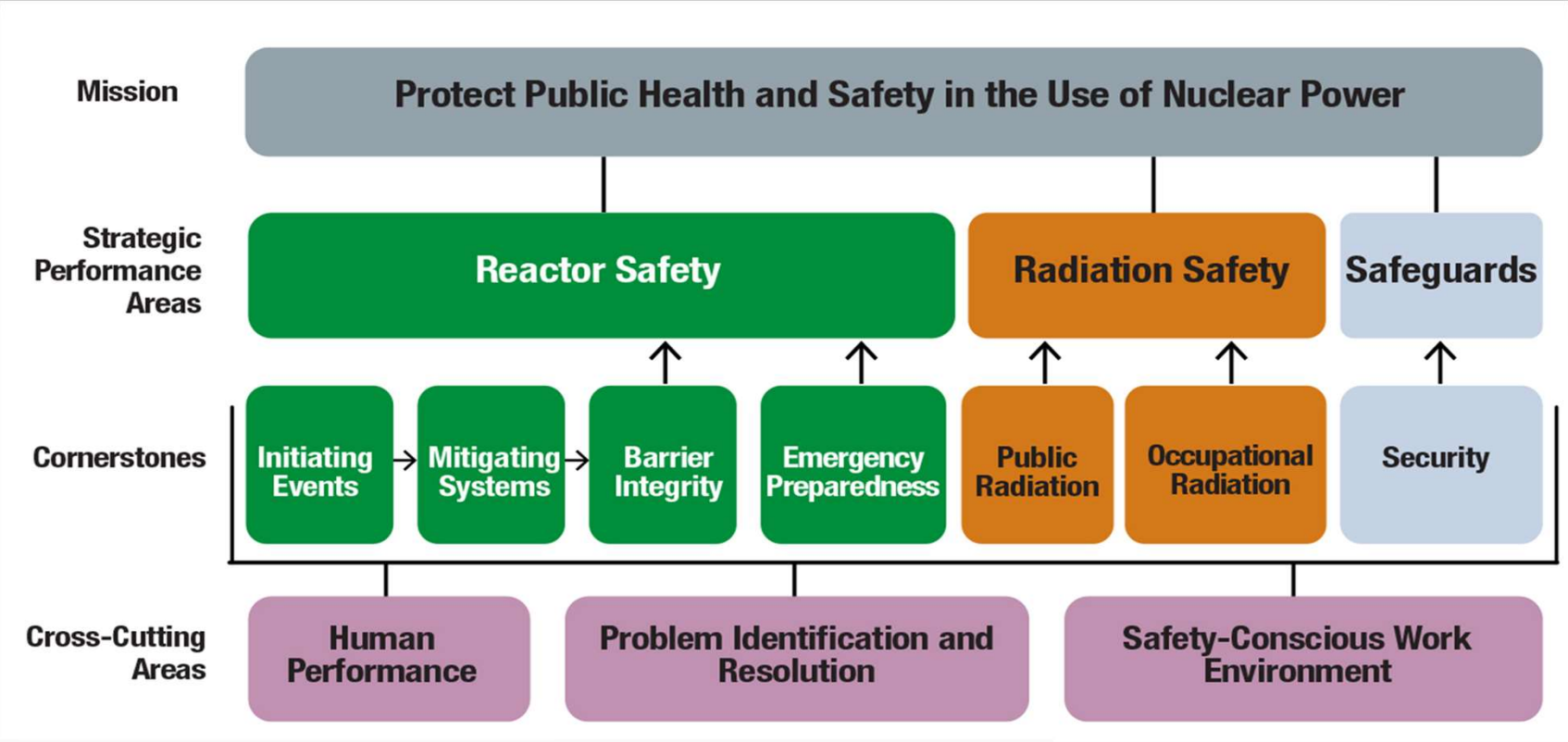
# Reactor Oversight Program (ROP)

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# Reactor Oversight Program (ROP)

## INSPECTION

- Resident inspectors are on-site and issue quarterly inspection reports.
- Regional inspections include:
  - Radiation Protection
  - Security
  - Cyber Security
  - Design Basis Assurance
  - Emergency Planning

## PERFORMANCE INDICATORS

- Data submitted to NRC quarterly
- Inspection program verifies accuracy
- Data available on the NRC website

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# 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**

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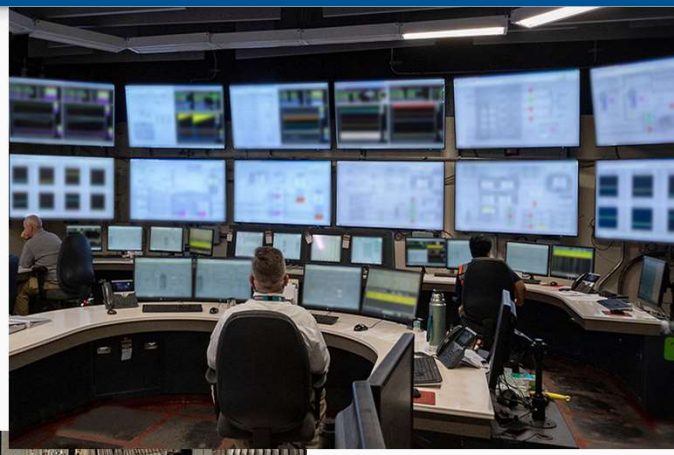
# Resident Inspector Program – Vogtle Units 1-4

- 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



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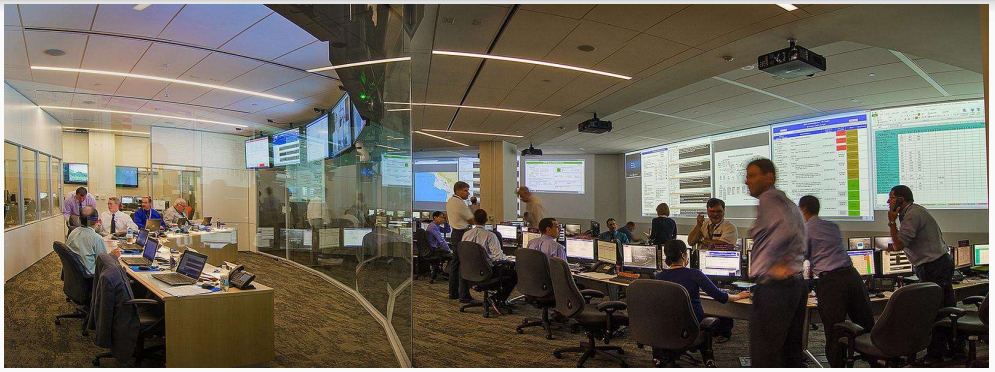
# Resident Inspector Program – Vogtle Units 1-4

- Routinely discuss safety concerns with plant management
- Observe emergency exercises and provide support for any real emergencies or urgent issues
- Support NRC allegation process for plant employees and the public



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# 2023 Annual Assessment
# Vogtle 1 – 4*

**Unit 4 entered the ROP on July 28, 2023*

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# Vogtle Units 1 - 4
## *Performance Indicators, Findings, and Violations*

- All findings and performance indicators (PIs) in 2023 were Green
  - All PIs were Green (no performance thresholds exceeded)
  - 19 Green findings (16 associated Non-Cited Violations)

- Traditional Enforcement (TE) Violations
  - 3 Severity Level IV (Unit 3)
    - 1 Non-Cited Violation and 2 Notice of Violations
  - 1 Severity Level III (Unit 1)
    - Notice of violation

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# Vogtle Units 1 - 4
## *Annual Assessment Summary*

- Southern Nuclear Company operated the Vogtle Nuclear Plant Units 1 thru 4 safely and in a manner that preserved the public health and safety and protected the environment.
- Vogtle Units 1 thru 4 remained in the **Licensee Response Column** of the NRC's ROP Action Matrix for the last quarter of 2023
- NRC plans to conduct routine baseline inspections for 2024

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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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# NRC 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

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# End of Presentation

Nuclear Regulatory Commission
Region II
April 30, 2024

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# Questions and Feedback

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

1. Navigate to the Public Meeting Schedule and click on Show Recently Held Meetings ; then click the Meeting Feedback Form EXIT link for this meeting, or press the "[…more]" link for this meeting and then click the Meeting Feedback Form EXIT link on the "Meeting Details" page.

OR

2. Use QR Code and enter Meeting Code **20240471**.

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