

2023 ANNUAL ASSESSMENT



PLANT FARLEY

Reactor Oversight Process
Nuclear Regulatory Commission - Region II

Purpose

- Public forum to address plant performance in 2023 for:

Joseph M. Farley Nuclear Plant

- Provide an overview on NRC inspection activities
- NRC representatives are available for individual discussion; questions and answers

Introductions

NRC Region II Representatives at Farley

➤ Farley Resident Inspectors

Peter Meier

Senior Resident Inspector



Sarah Temple

Resident Inspector



Introductions

NRC Region II Representatives



Mark Franke

Director

Division of Reactor Projects

Region II



Alan Blamey

Chief, Projects Branch 2

Region II



Jannette Worosilo

Chief, Plant Support Branch

Region II



Dave Gasperson

Public Affairs Officer

Region II



John Pelchat

Sr. Gov. Liasion Officer

Region II



Regulatory Process Overview

NRC Mission Statement

The NRC's mission is to license and regulate 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.

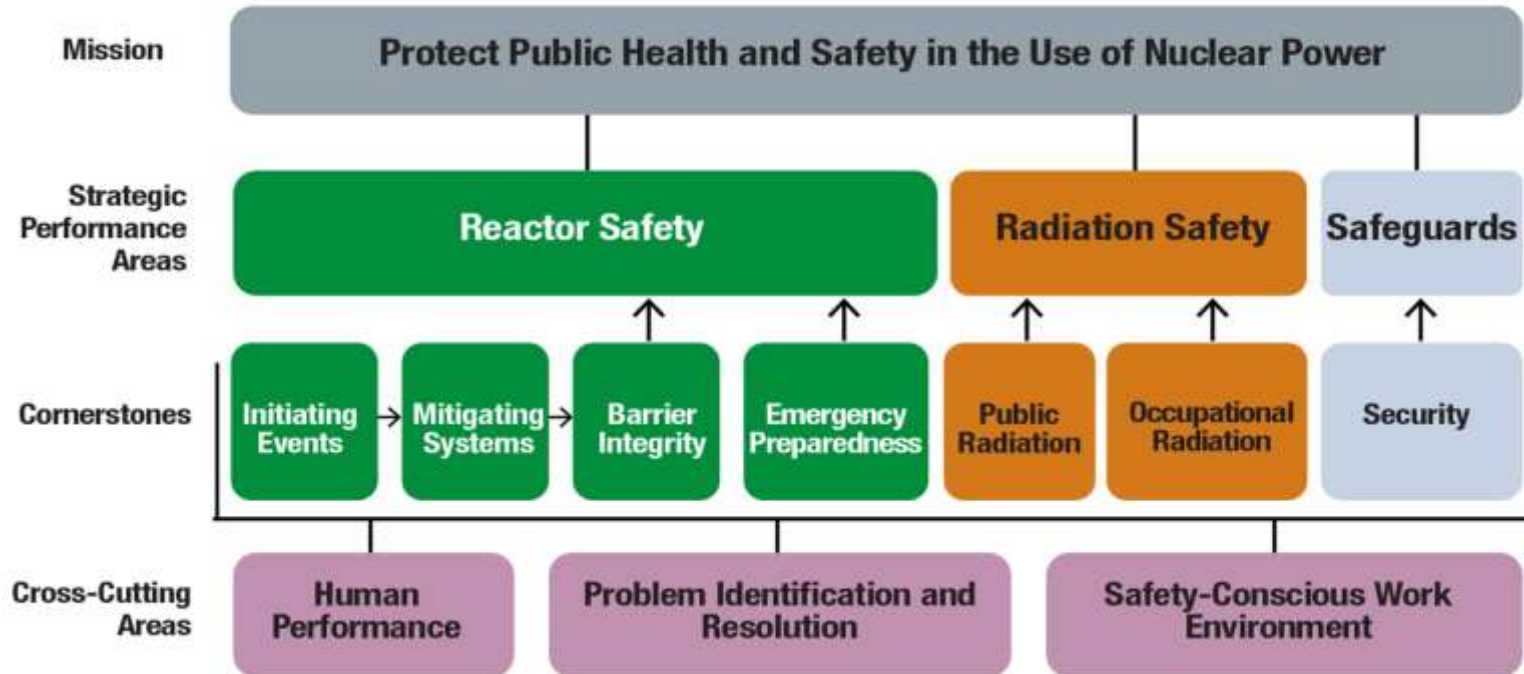
STRATEGIC GOALS

SAFETY STRATEGIC GOAL: Ensure the Safe Use of Radioactive Materials

SECURITY STRATEGIC GOAL: Ensure the Secure Use of Radioactive Materials

Regulatory Process Overview

Reactor Oversight Process



Regulatory Process Overview

Reactor Oversight Process

INSPECTION

- Resident inspectors are on-site and issue quarterly inspection reports.
- Regional inspections include:
 - Radiation Protection
 - Security
 - Emergency Planning
 - Engineering
- Special Inspections, if necessary

PERFORMANCE INDICATORS

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

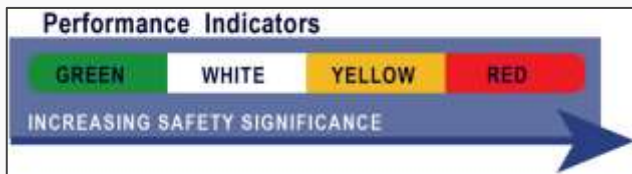
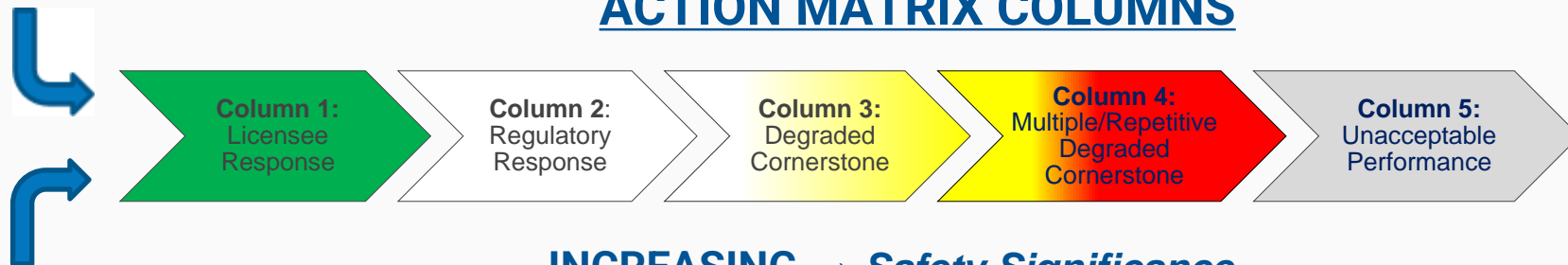
Inspection Findings + Performance Indicators = Plant Assessment

Regulatory Process Overview

Reactor Oversight Process – Action Matrix



ACTION MATRIX COLUMNS



INCREASING → *Safety Significance*
NRC Inspection Efforts
NRC/Licensee Management Involvement
Regulatory Actions

Regulatory Process Overview

Resident Inspector Program

- Inspectors live in the community and work at the Nuclear Power Plants.
- Daily coverage and oversight of plant activities, including control room visits and routine meetings with plant managers.
- Prioritize inspections based on important plant activity.



Regulatory Process Overview

Resident Inspector Program

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



Regulatory Process Overview

Resident Inspector Program

- Observe emergency exercises and provide support for any real emergencies, urgent issues or events.
- Support regional staff gather first-hand information to determine significance of events and need for follow-up inspection.



Farley Performance Assessment

Increased Oversight Summary for 2023

- Units 1 and 2 in **Degraded Cornerstone Column** during 1st, 2nd, and 3rd quarters of 2023
 - One (1) Greater-than-Green (G-t-G) Violation, effective 4th Quarter 2022
- Unit 1 in **Regulatory Response Column** during 3rd and 4th quarters in 2023
 - One (1) White violation, effective 3rd Quarter 2023
- Supplemental inspections conducted to ensure Farley identified and corrected the root and contributing causes that led to the performance issues.

Farley Performance Assessment

Greater-than-Green Violation in Security Cornerstone

- **September 6, 2022** – Security Event
 - The Plant is **Safe**: Not an Ongoing Issue
 - NRC conducted a Special Inspection
- **March 2023**
 - NRC issued a G-t-G Notice of Violation
 - Units 1 and 2 placed in the **Degraded Cornerstone Column**
- **September 2023**
 - NRC inspection verified corrective actions addressed the performance issue(s).
 - Units 1 and 2 returned to **License Response Column**

Farley Performance Assessment

White Violation in Mitigating Systems Cornerstone

- **February 26, 2023** - Unit 1 'B' emergency diesel generator failure due to a lube oil leak.
 - Oil leak resulted from Farley's failure to identify and correct the cause of a previous lube oil leak.
- **October 2023**
 - NRC issued a White Notice of Violation of Corrective Action Requirements
 - Unit 1 placed in the **Regulatory Response Column**
- **December 2023**
 - NRC inspection verified corrective actions addressed the performance issue(s).
 - Unit 1 returned to **Licensee Response Column**

Farley Performance Assessment

Annual Assessment Summary

- Southern Nuclear operated the Farley Nuclear Plant safely and in a manner that preserved public health and safety and protected the environment.
- Units 1 and 2 were in the **Licensee Response Column** of the NRC's ROP Action Matrix at the end of the last quarter of 2023
 - All PIs were Green (no performance thresholds exceeded)
 - All other 16 findings were of very low safety significance (i.e., Green)
 - One (1) Traditional Enforcement non-cited violation severity level IV
- NRC plans to conduct routine baseline inspections for 2024

CLOSING REMARKS



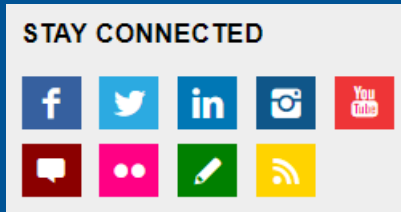
PLANT FARLEY

Nuclear Regulatory Commission - Region II
May 14, 2024

Getting in Touch with the NRC

- On the web – www.nrc.gov
- By phone – 404-997-4417 (Region 2 Public Affairs Officer)
- Email - OPA2.Resource@nrc.gov
- Allegations – 1-800-695-7403

NRC on Social Media



- Twitter: <https://twitter.com/nrcgov>
- Facebook: <https://www.facebook.com/nrcgov/>
- Instagram: <https://www.instagram.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/mycompany/>
- GovDelivery: <https://service.govdelivery.com/accounts/USNRC/>

Questions and Feedback

- Questions for Plant Farley 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 the Meeting Code for this meeting.

