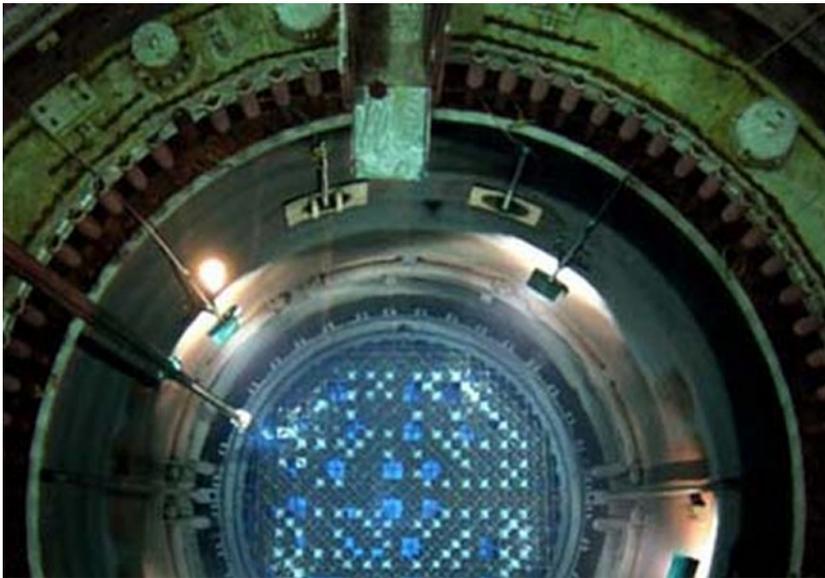


Diablo Canyon Annual Assessment Meeting

2024 Reactor Oversight Process
Nuclear Regulatory Commission – Region 4

Our Mission



- The NRC protects public health and safety and advances the nation's common defense and security by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials through efficient and reliable licensing, oversight, and regulation for the benefit of society and the environment.

NRC Strategic Plan Goals

- Safety and Security – Ensure the safe and secure use of radioactive materials
- Organizational Health – Continue to foster a healthy organization
- Stakeholder confidence – Inspire stakeholder confidence in the NRC



NRC Annual Assessment Summary

Diablo Canyon

- PG&E operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- Diablo Canyon Units 1 & 2 were in the Licensee Response Column of the NRCs ROP Action Matrix at the end of 2024.



NRC Inspection Activities

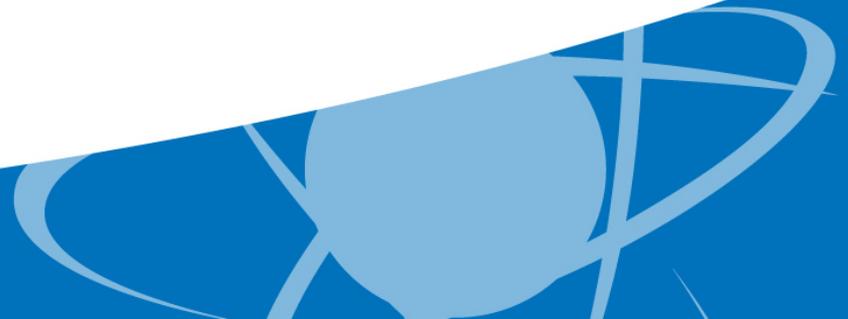
Diablo Canyon 2024

- ~7500 hours of inspection and related activities
- 2 resident inspectors on site – residents make four quarterly inspection reports per year and walk through the plant every day
- 10 regional inspections
- 3 major team inspections
 - License Renewal
 - Aging Management
 - Problem Identification and Resolution

Diablo Canyon PIs and Findings

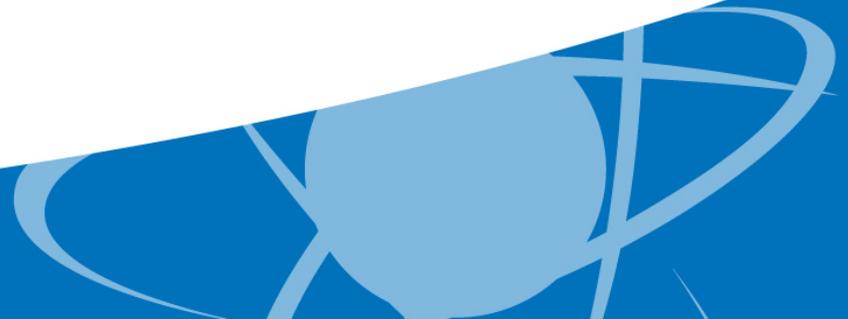
January 1 through December 31, 2024

- All 17 Performance Indicators for each unit (including Security) were Green
- 11 Green / Severity Level IV inspection findings



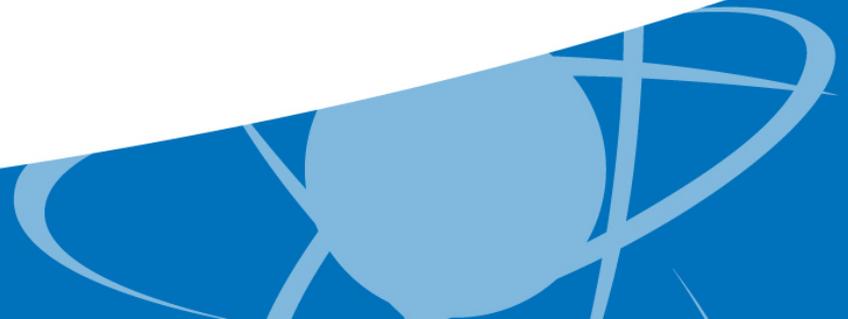
NRC Resident Inspection Findings

- Failure to maintain annunciator response procedure (IR 2024-001)
- Inadequate maintenance rule evaluations on condenser steam dump system (IR 2024-001)
- Failure to remove valve parts results in reactor trip at low power (IR 2024-001)



NRC Resident Inspection Findings

- Failure to consider appropriate performance criteria for maintenance rule components (IR 2024-001)
- Failure to maintain original design specifications after maintenance (IR 2024-001)
- Failure to make an interim Part 21 report (IR 2024-001)



NRC Resident Inspection Findings

- Failure to correctly determine operability of auxiliary building ventilation fan (IR 2024-002)
- Failure to preclude repetition of the bearing failure of the auxiliary saltwater pump 2-2 (IR 2024-010)



Significance Threshold

Performance Indicators

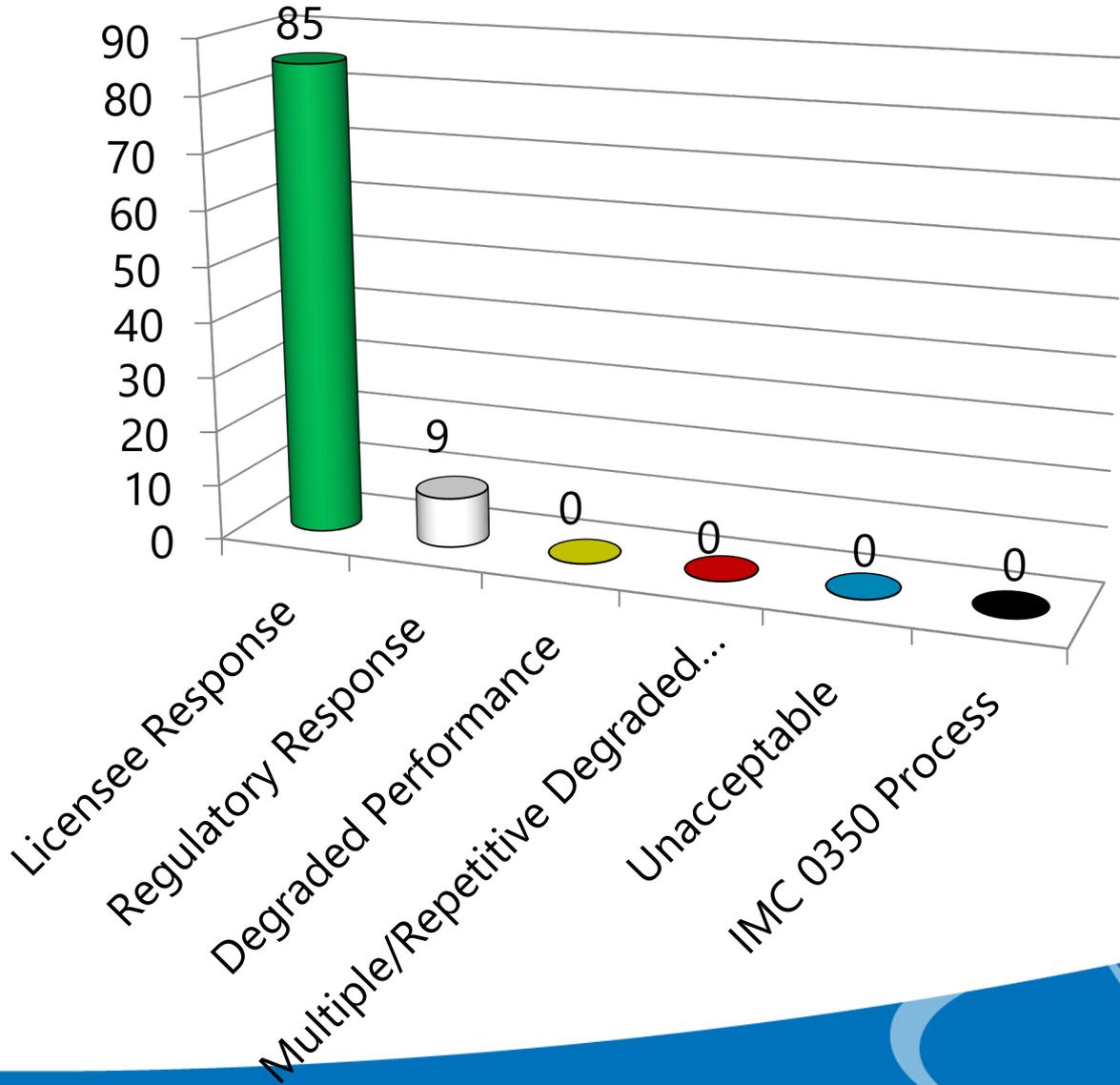
- **Green** Baseline Inspection
- **White** Requires additional NRC oversight
- **Yellow** Requires more NRC oversight
- **Red** Requires most NRC oversight

Inspection Findings

- **Green** Very low safety or security significance finding
- **White** Low to moderate safety or security significance finding
- **Yellow** Substantial safety or security significance finding
- **Red** High safety or security significance finding

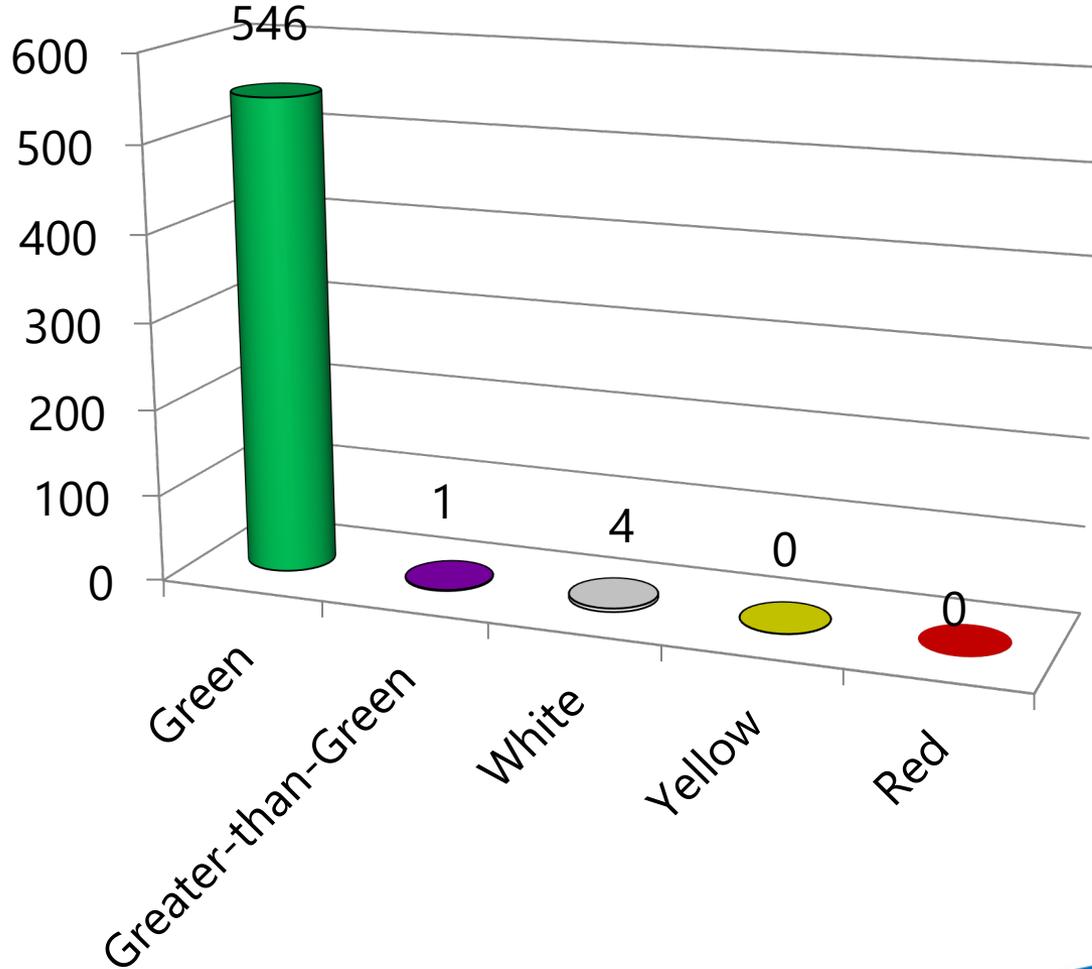
Industry-Wide Performance

As of 12/31/2024



Industry-Wide Inspection Findings

Finding data current as of 02/19/2025

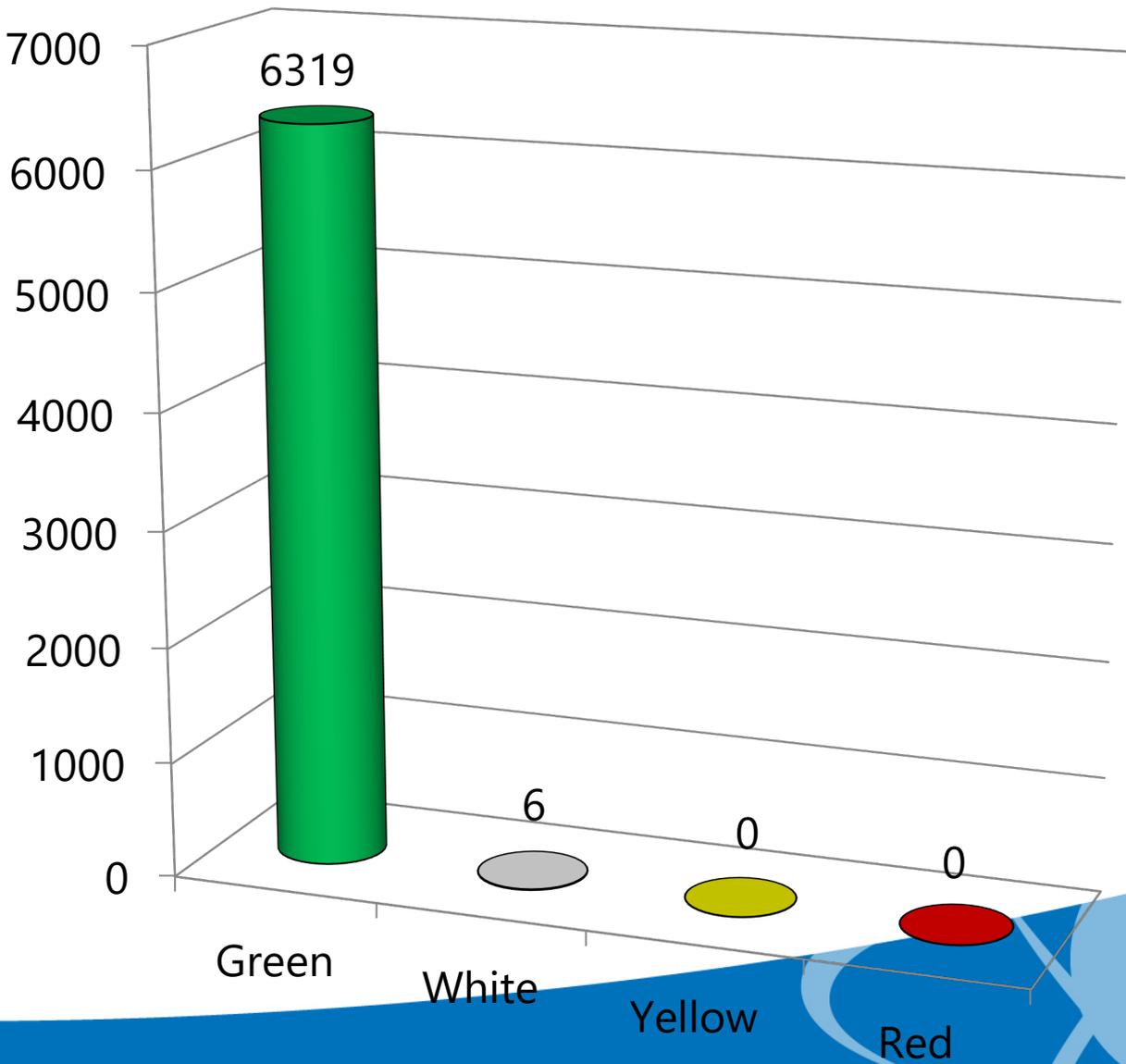


**Calendar Year
2024 data**



Industry-Wide Performance Indicators

Calendar Year
2024 data



NRC Plans for 2025

- NRC plans baseline inspections at Diablo Canyon for the remainder of 2025. This includes:
 - Triennial Fire Protection
 - Cyber Security



NRC Social Media Channels



- Facebook: <https://www.facebook.com/nrcgov/>
- Twitter: <https://twitter.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/subscriber/new>

Contacting the NRC

- Report an emergency
 - (301) 816-5100 (call collect)
- Report a safety concern
 - (800) 695-7403
 - Allegation@nrc.gov
- General information or questions
 - www.nrc.gov

