ADAMS Accession # ML25135A057

Diablo Canyon Annual Assessment Meeting

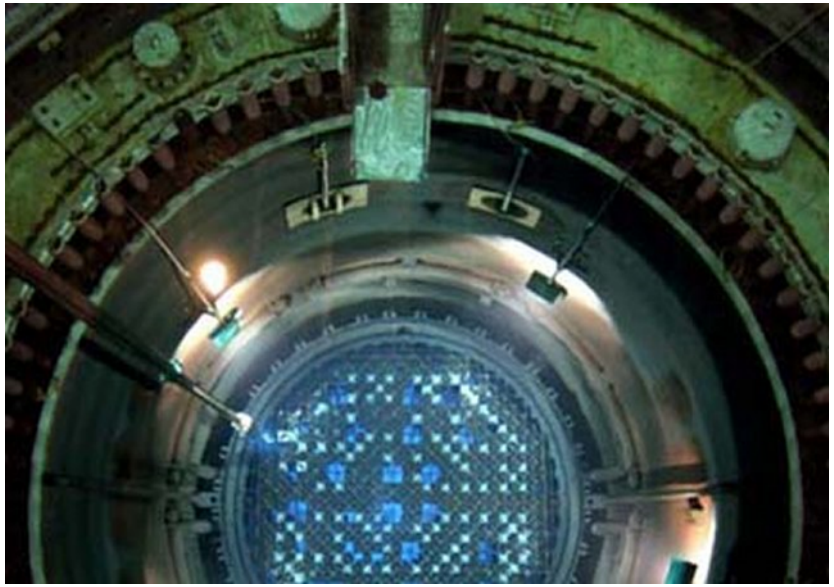
2024 Reactor Oversight Process

Nuclear Regulatory Commission – Region 4

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Our Mission

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment



- 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

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- 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

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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

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- ~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

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- 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

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- 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

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- 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

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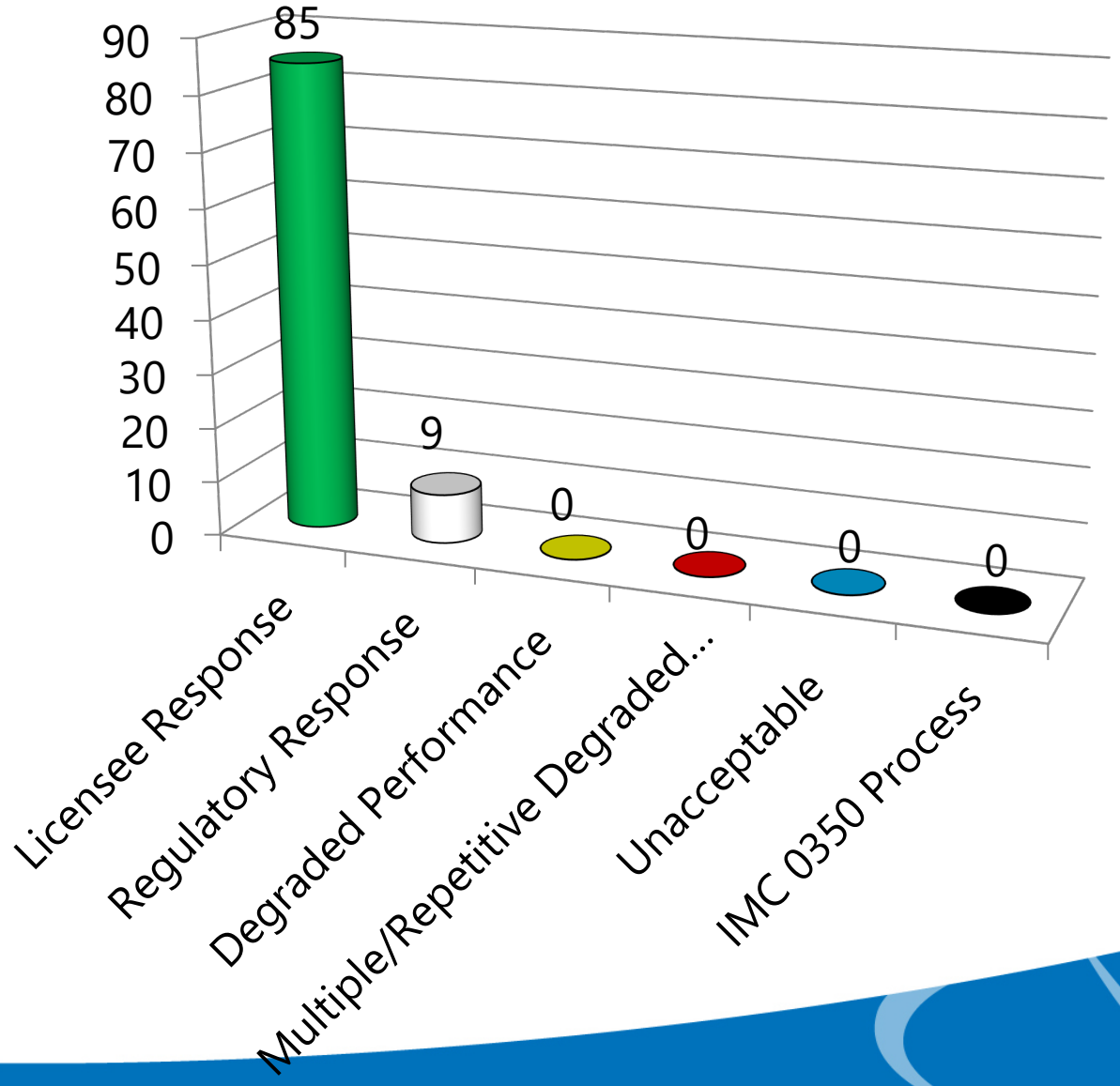
Performance Indicators

- 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



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As of 12/31/2024

Industry-Wide Inspection Findings

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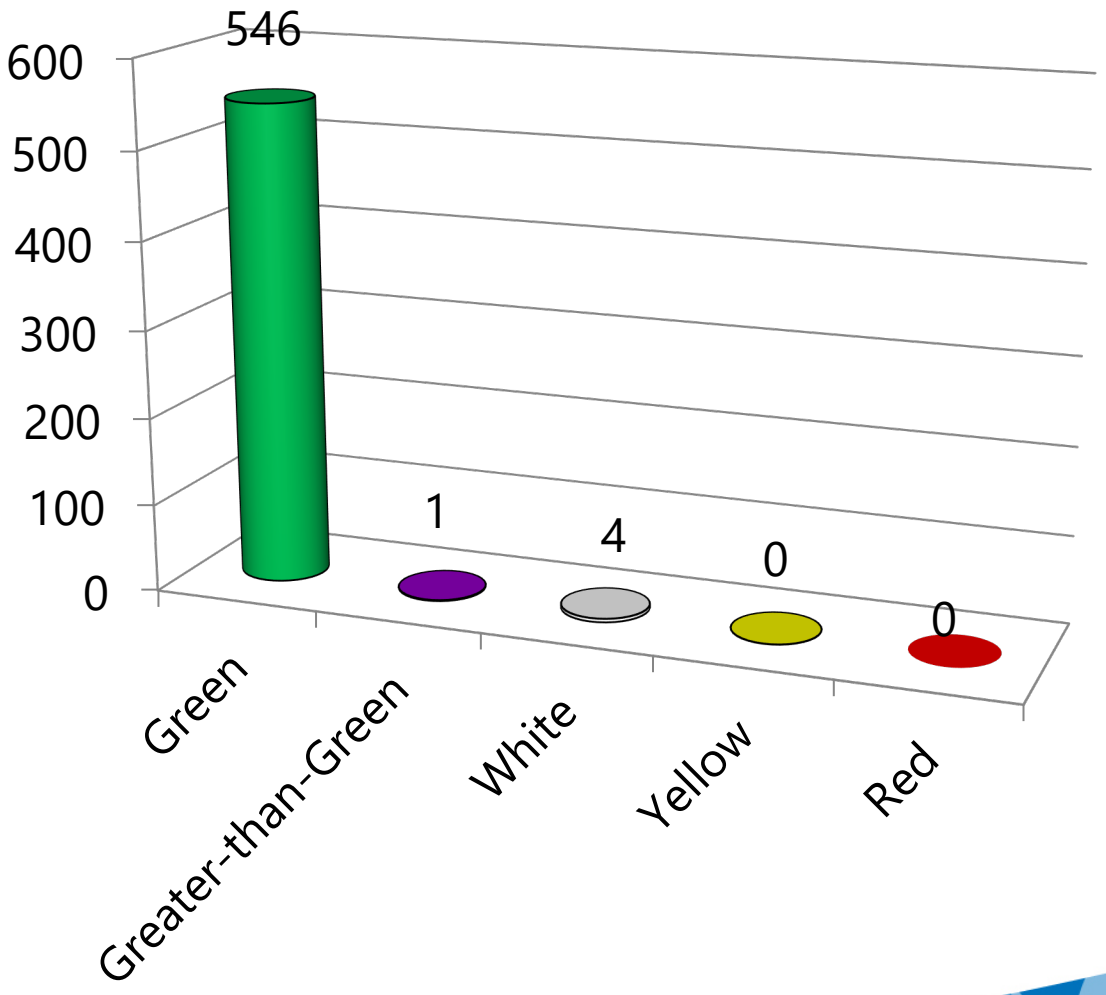
Finding data current as of 02/19/2025



Calendar Year 2024 data

Industry-Wide Performance Indicators

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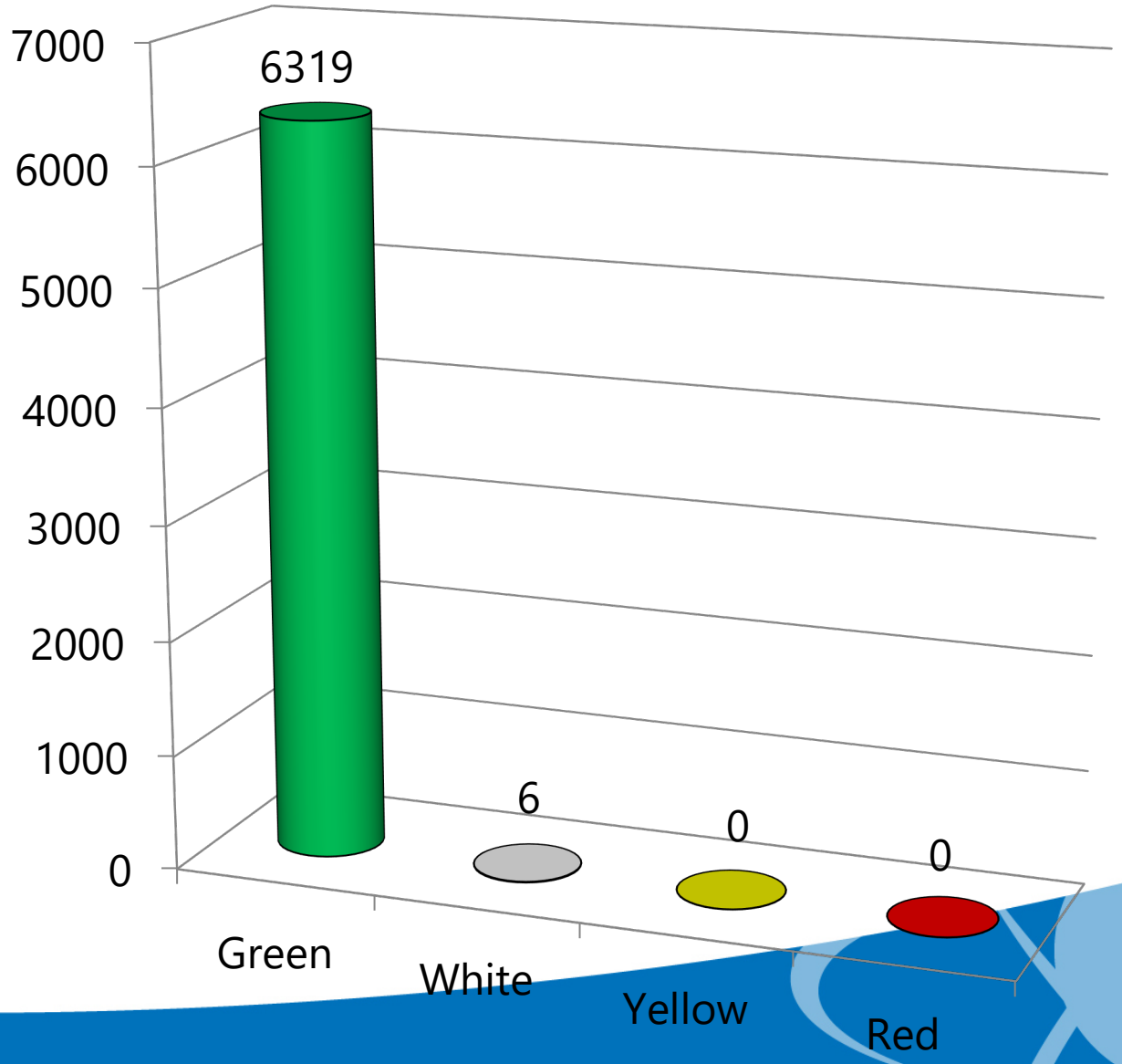

Calendar Year
2024 data

NRC Plans for 2025

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- 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

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- 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*