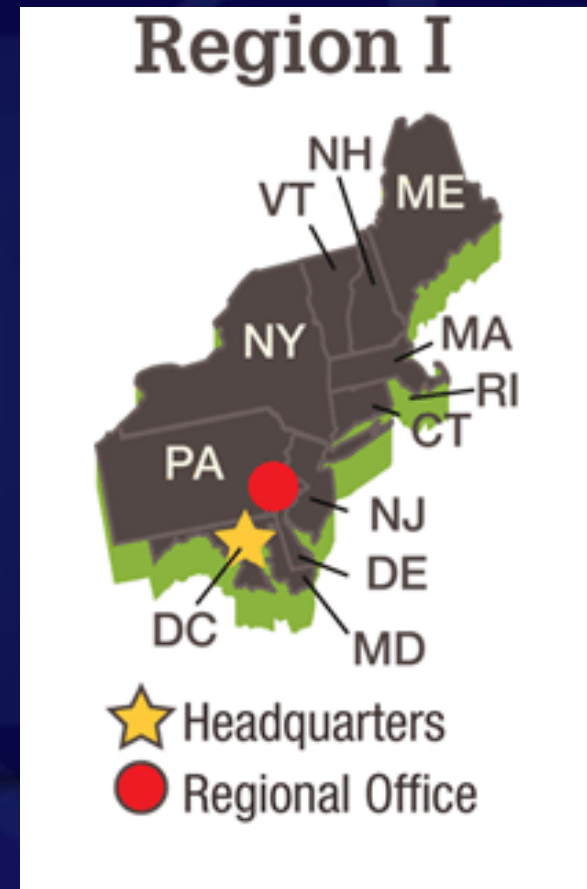


2023 Annual Assessment Meeting

Region I
King of Prussia, PA
May 22, 2024





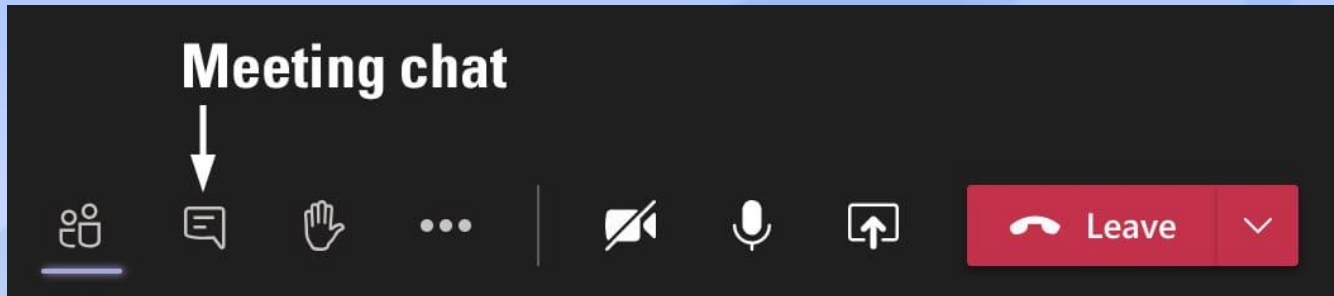
Meeting Conduct

- **All participants will be muted during presentations by NRC staff.**
- **The chat is enabled to allow you to ask questions during the meeting.**
- **We encourage mutual respect on the part of NRC staff and attendees.**



How to Ask a Question

- **Type in your question at any time using Microsoft Teams.**



- or -

- **You can wait until the question-and-answer session to ask your question orally.**



Agenda

- **Reactor Oversight Process (ROP)**
- **2023 Safety Performance Overview**
 - FitzPatrick
 - Ginna
 - Nine Mile Point
 - Beaver Valley
 - Calvert Cliffs
 - Hope Creek
 - Salem
 - Limerick
 - Peach Bottom
 - Susquehanna
- **Question-and-Answer Session**



Our Mission

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 protect the environment.





Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Performance	Multiple/Repetitive Degraded Cornerstone	Unacceptable Performance
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Increasing Safety Significance

Increasing NRC Inspection Efforts

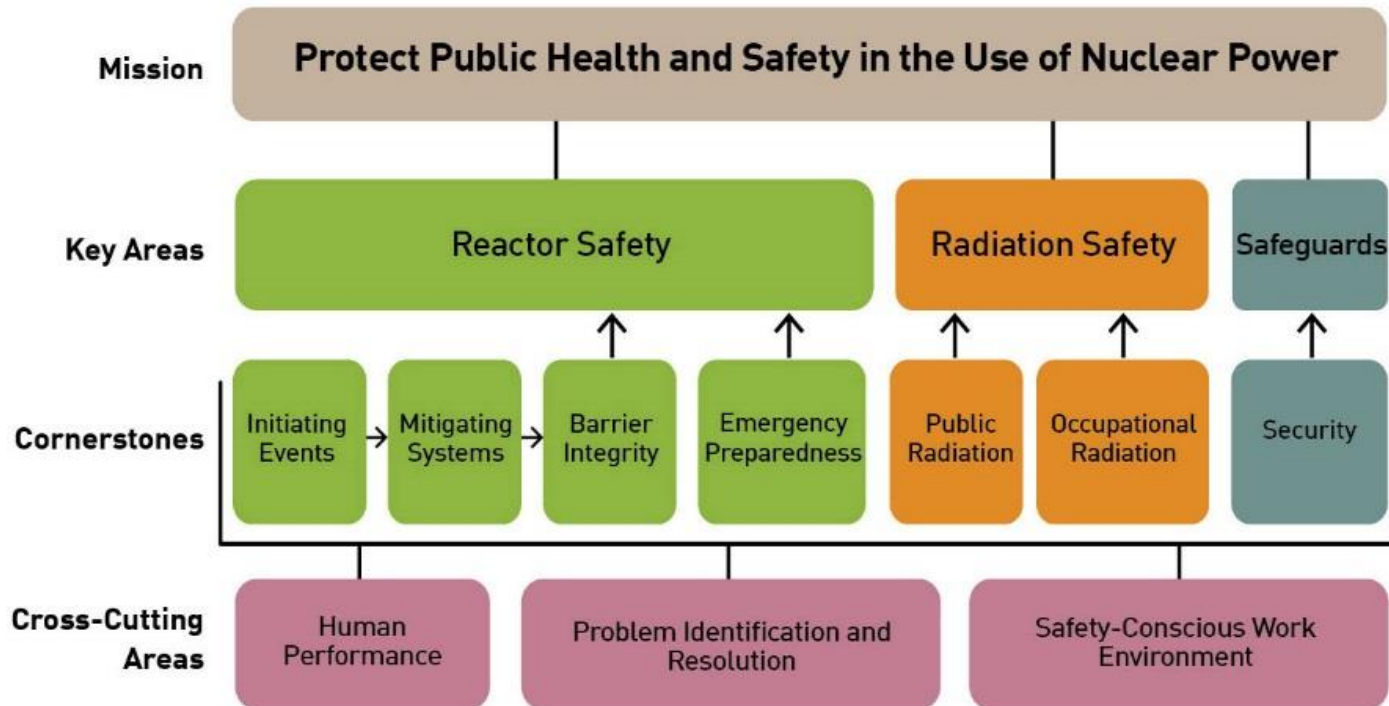
Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions



Reactor Oversight Process

Reactor Oversight Framework





Types of Inspections

- **Baseline Inspection Program**
 - Minimum level of inspection conducted at all facilities regardless of their performance.
- **Reactive Inspections (e.g., Special Inspections)**
 - Events involving reactor facilities are investigated in a timely, objective, systematic and technically sound manner.
- **Supplemental Inspections (e.g., IP 95001)**
 - Applies NRC inspection resources in a graded manner when risk-significant performance issues are identified.



Reactor Oversight Process

Reactor Oversight Action Matrix Performance Indicators

Performance Indicators




Inspection Findings







Facility Information Finder

- Additional Plant Information
- Safety Performance Summary
- Inspection Reports
- NRC Points of Contact

**Calvert Cliffs Resident Inspectors**



Gene DiPaolo
Senior Resident Inspector



Anthony Tran
Resident Inspector

Facility Information Finder
Calvert Cliffs Nuclear Power Plant, Unit 1 / Calvert Cliffs Nuclear Power Plant, Unit 2

22

Protecting People and the Environment



Projects Branch 1



Erin Carfang

Branch Chief

Ginna
FitzPatrick
Nine Mile Point



R.E. Ginna Resident Inspectors



Jason Schussler
Senior Resident Inspector




Chris Swisher
Resident Inspector

Facility Information Finder
R.E. Ginna Nuclear Power Plant, Unit 1

R.E. Ginna **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 4,300 hours of inspection and related activities
- Green Performance Indicators
- 6 Green Findings



The logo features a stylized blue sphere with three intersecting orange and white orbital paths.

James A. FitzPatrick

Resident Inspectors



Eric Miller

Senior Resident Inspector



Veronica Fisher

Resident Inspector

Facility Information Finder

James A. Fitzpatrick Nuclear Power Plant, Unit 1



James A. FitzPatrick

2023 Assessment Summary

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 6,500 hours of inspection and related activities.
- Green Performance Indicators
- 11 Green Findings and 2 Severity Level IV Violations



Protecting People and the Environment

Nine Mile Point Resident Inspectors



Chris Kline
Senior Resident Inspector



Beth Sienel
Resident Inspector

Facility Information Finder

Nine Mile Point Nuclear Station, Unit 1 / Nine Mile Point Nuclear Station, Unit 2

Nine Mile Point **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 9,100 hours of inspection and related activities
- Green Performance Indicators
- 1 Green Finding





Projects Branch 2



Matt Young

Branch Chief

Beaver Valley



Beaver Valley Resident Inspectors



Neil Day

Senior Resident Inspector



Alex Nugent

Resident Inspector

Facility Information Finder

Beaver Valley Power Station, Unit 1 / Beaver Valley Power Station, Unit 2

Beaver Valley **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 5,700 hours of inspection and related activities
- Green Performance Indicators
- 12 Green Findings





Projects Branch 3



Brice Bickett

Branch Chief

Calvert Cliffs
Hope Creek
Salem



Calvert Cliffs Resident Inspectors



Gene DiPaolo
Senior Resident Inspector



Anthony Tran
Resident Inspector

Facility Information Finder

Calvert Cliffs Nuclear Power Plant, Unit 1 / Calvert Cliffs Nuclear Power Plant, Unit 2

Calvert Cliffs **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Unit 1 - Regulatory Response Column
(Licensee Response Column as of March 21, 2024)
Unit 2 - Licensee Response Column
- 8,200 hours of inspection and related activities
- Green Performance Indicators
- 10 Green & 1 White Findings
- 1 Severity Level IV Violation



Protecting People and the Environment



Calvert Cliffs Unit 1

Action Matrix - Regulatory Response

Licensee Response		Regulatory Response	Degraded Performance	Multiple/Repetitive Degraded Cornerstone	Unacceptable Performance
--------------------------	---	----------------------------	-----------------------------	---	---------------------------------

- A Special Inspection was conducted in May 2023 following a failure of the 1A emergency diesel generator in April 2023.
- The Special Inspection team identified a White Finding (3Q23) related to inadequate maintenance practices for the 1A emergency diesel generator.
- Supplemental Inspection (IP 95001) was recently completed, and the plant transitioned from the Regulatory Response to the Licensee Response Column effective March 21, 2024.



Hope Creek Resident Inspectors



Jigar Patel

Senior Resident Inspector



Justin Bresson

Resident Inspector

Facility Information Finder
Hope Creek Generating Station, Unit 1

Hope Creek **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 4,600 hours of inspection and related activities
- Green Performance Indicators
- 7 Green Findings and 2 Severity Level IV Violations





Salem Resident Inspectors



Larry Grimes

Senior Resident Inspector
(acting)



Eli Garcia

Resident Inspector

Facility Information Finder

Salem Nuclear Generating Station, Unit 1 / Salem Nuclear Generating Station, Unit 2

Salem **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 6,900 hours of inspection and related activities
- Green Performance Indicators
- 12 Green Findings





Projects Branch 4



Jon Greives

Branch Chief

Limerick
Peach Bottom
Susquehanna



Limerick Resident Inspectors



Adam Ziedonis

Senior Resident Inspector



Eric Miller

Resident Inspector
(acting)

Facility Information Finder

Limerick Generating Station, Unit 1 / Limerick Generating Station, Unit 2

Limerick **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 5,900 hours of inspection and related activities
- Green Performance Indicators
- 6 Green Findings





Peach Bottom Resident Inspectors



Scott Rutenkroger
Senior Resident Inspector



Corey Dukehart
Resident Inspector

Facility Information Finder

Peach Bottom Atomic Power Station, Unit 2 / Peach Bottom Atomic Power Station, Unit 3

Peach Bottom **2023 Assessment Summary**

- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Unit 2 - Licensee Response Column (June 8, 2023)
Unit 3 - Licensee Response Column
- 7,100 hours of inspection and related activities.
- Green Performance Indicators
- 10 Green Findings and
1 Severity Level IV Violation





Peach Bottom Unit 2

Action Matrix Transition

Licensee Response	Regulatory Response	Degraded Performance	Multiple/Repetitive Degraded Cornerstone	Unacceptable Performance
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Supplemental inspection (IP 95001) was completed in response to a White Finding (3Q22) related to use of a procedure not appropriate for plant conditions that led to a reactor scram, or shutdown. The plant transitioned from the Regulatory Response to the Licensee Response Column effective June 8, 2023.



Susquehanna Resident Inspectors



Jennifer England
Senior Resident Inspector



Erin Brady
Resident Inspector

Facility Information Finder

Susquehanna Steam Electric Station, Unit 1 / Susquehanna Steam Electric Station, Unit 2

Susquehanna **2023 Assessment Summary**

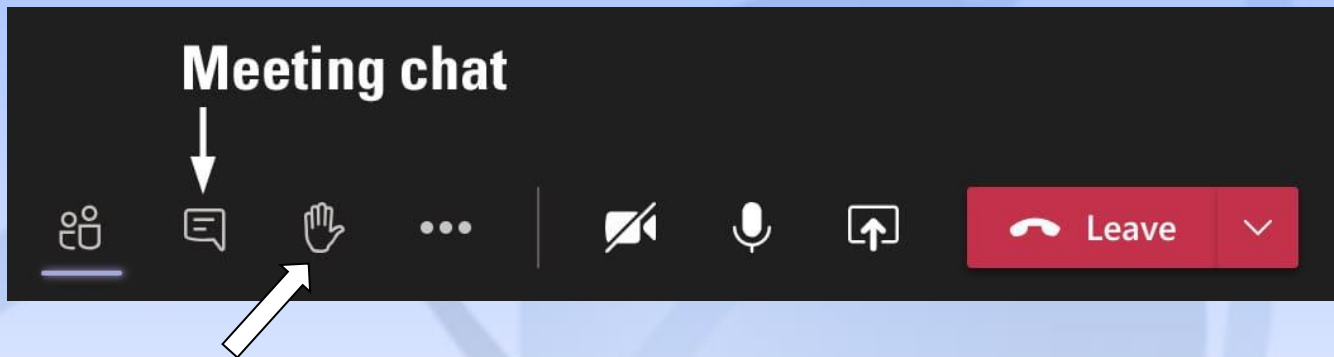
- Operated safely and in a manner that preserved the public health and safety and protected the environment
- Licensee Response Column
- 5,800 hours of inspection and related activities
- Green Performance Indicators
- 3 Green Findings





How to Ask a Question

- Type your question in the meeting chat



- Use the hand raise feature
- Phone only attendees will also be asked if they have any questions (*5 – hand raise, *6 – mute/unmute)



NRC Social Media Channels



- Facebook www.facebook.com/nrcgov
- Twitter twitter.com/nrcgov
- YouTube www.youtube.com/user/NRCgov
- Instagram www.instagram.com/nrcgov
- Flickr www.flickr.com/photos/nrcgov/sets
- LinkedIn www.linkedin.com/company/u-s--nuclear-regulatory-commission/mycompany/
- GovDelivery service.govdelivery.com/accounts/USNRC/subscribe/new



More Information

- **Inspection Reports**
 - <https://www.nrc.gov/reactors/operating/oversight/listofrpts-body.html>
- **Reactor Oversight Process**
 - <https://www.nrc.gov/reactors/operating/oversight.html>
- **Fact Sheets and Brochures**
 - <https://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>
- **NRC Information Digest**
 - <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/>
- **Regulations**
 - <https://www.nrc.gov/reading-rm/doc-collections/cfr/>



Supplemental Meeting Feedback

We are looking for specific feedback on the format and content of this meeting



<https://feedback.nrc.gov/pmfs/feedback/form?meetingcode=20240563>