

Memo to File: April 19, 2012

Attached are the NRC Slides presented at the Oyster Creek Annual Assessment Meeting on March 28, 2012.

ADAMS Accession No: **ML12110A340**



Oyster Creek Annual Assessment Open House

2011 Reactor Oversight Process
Nuclear Regulatory Commission – Region I

Presentation

- Introduction
- Reactor Oversight Process
- Industry Performance
- Oyster Creek Performance Results
- Web Information
- Contact Information

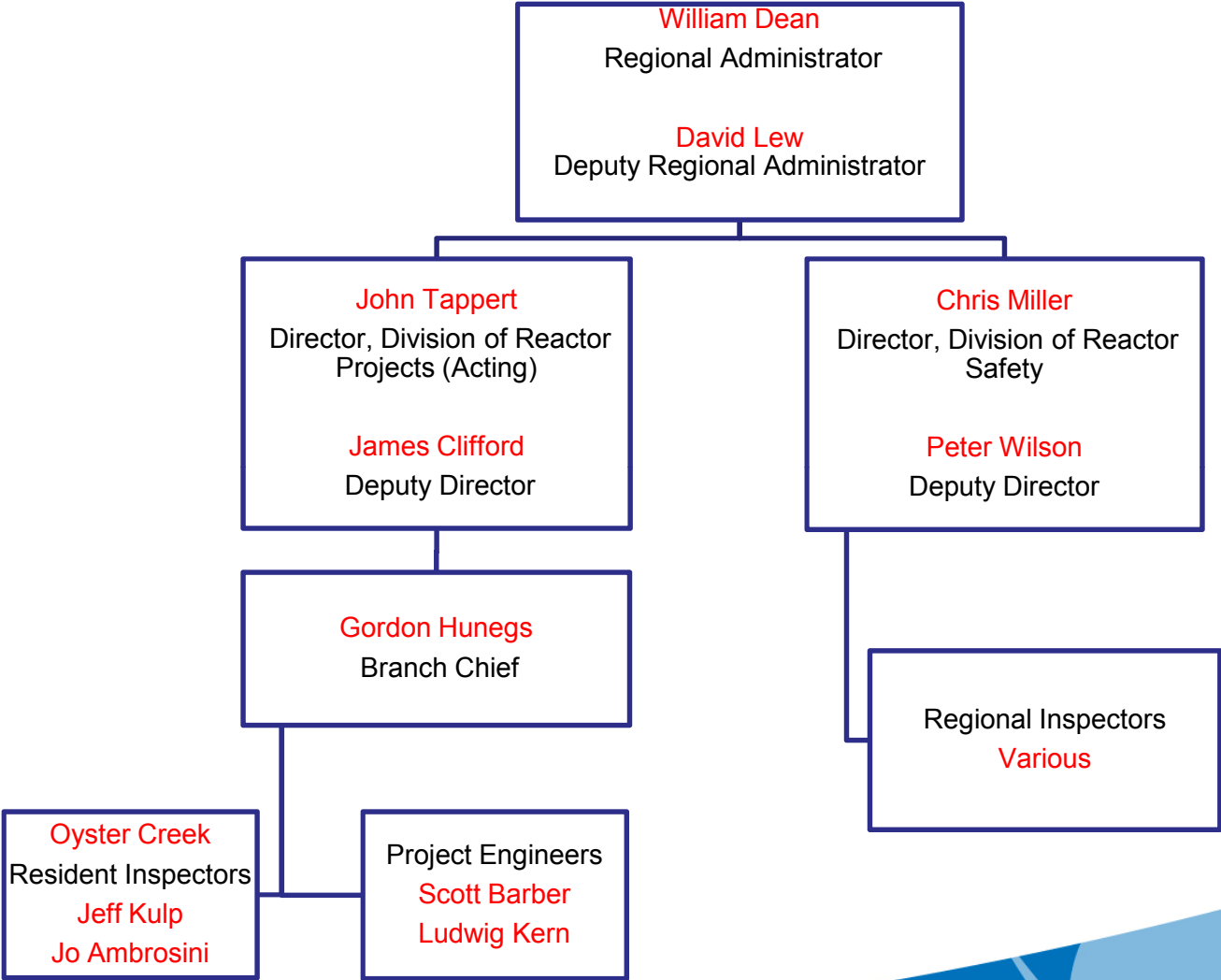


Purpose

- Open forum for public discussion regarding Exelon's performance in 2011
- NRC will answer questions related to performance issues identified during its annual assessment review of Oyster Creek performance



Region I Organization



What We Do

Safety



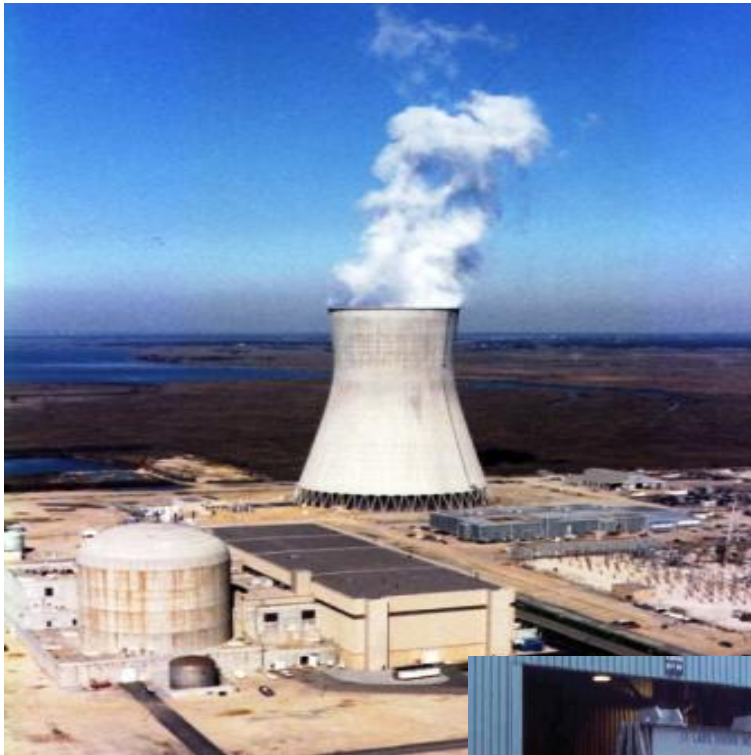
Security



Environment

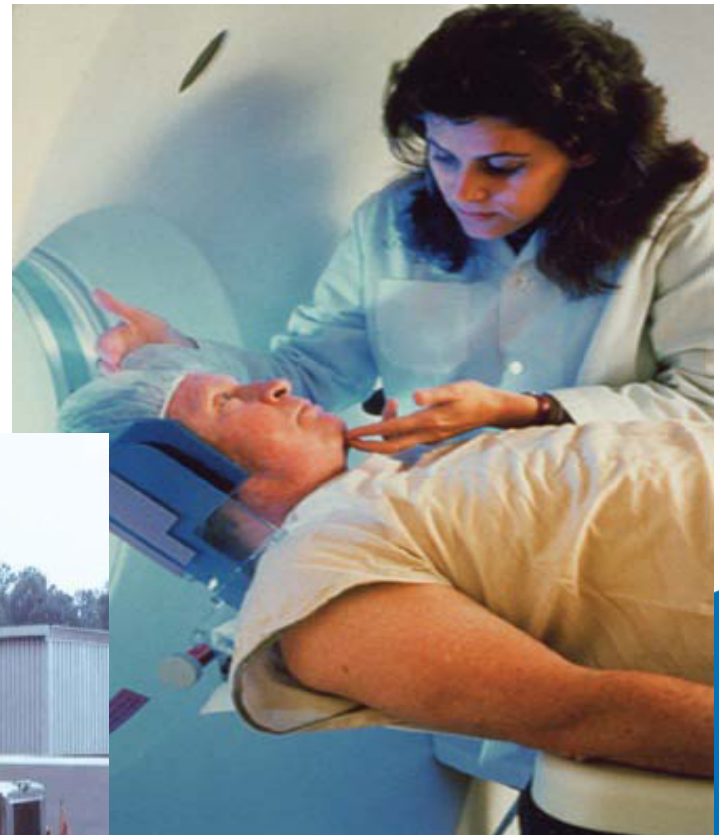


What We Regulate



Reactors

Materials

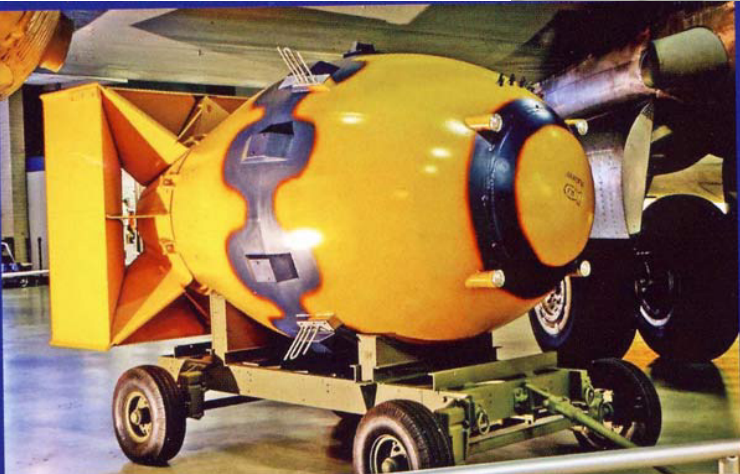


Waste

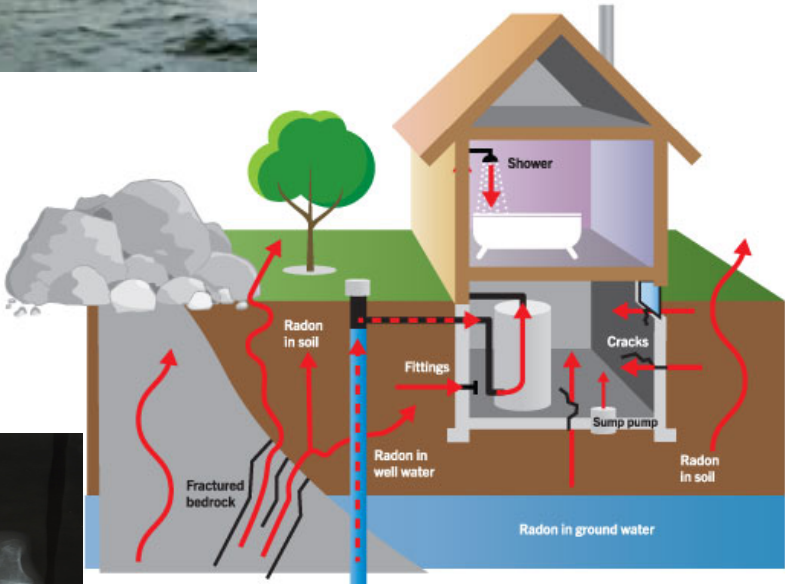


What We Don't Regulate

Military



Radon



X-Rays



Assurance of Plant Safety

Continuous
Training

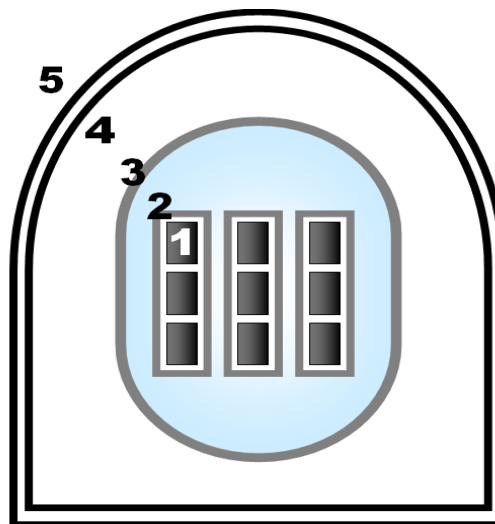


Defense
In-Depth

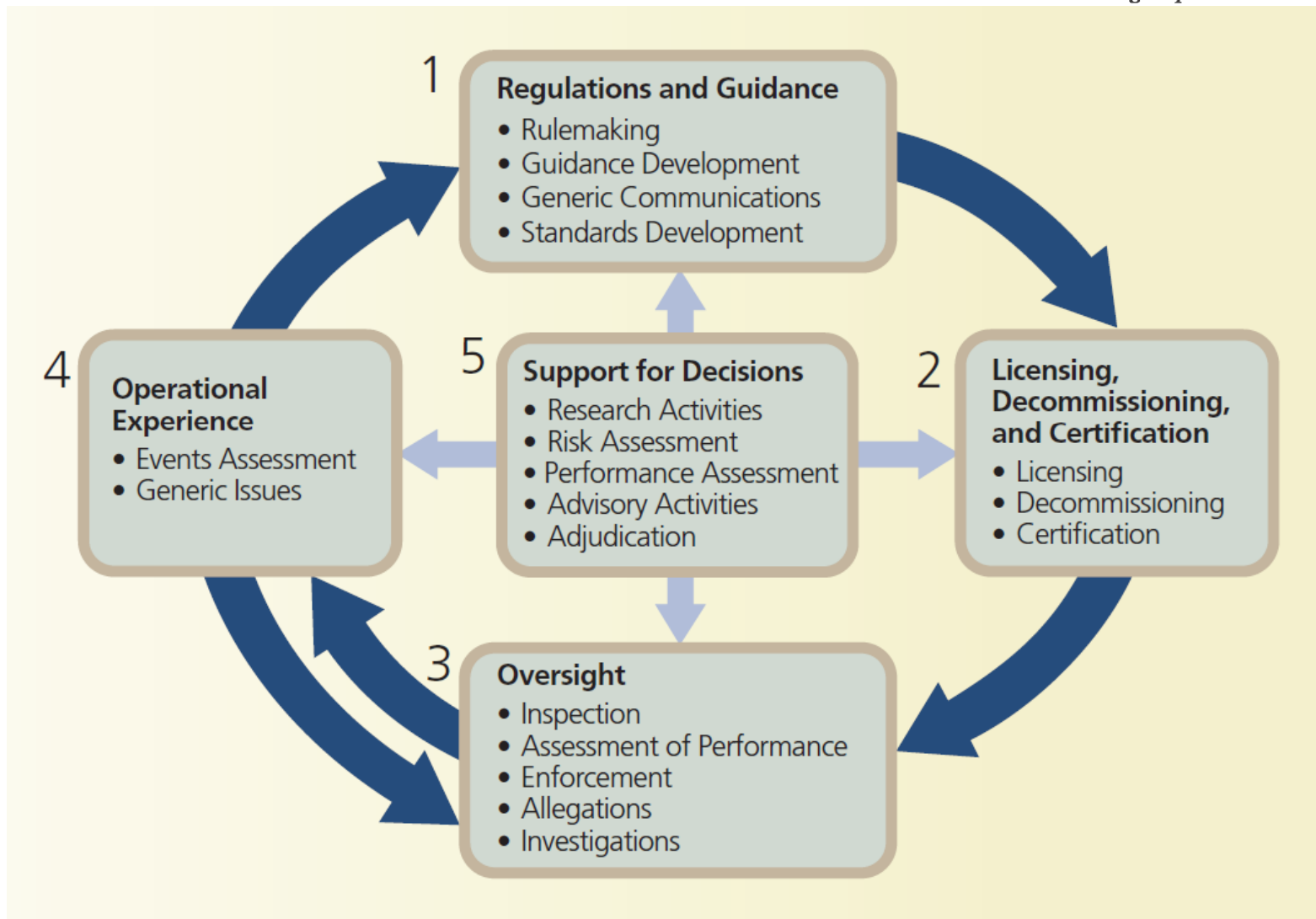


Long-Term
Maintenance

Regulation
Compliance



How We Regulate



Regulatory Framework



NRC's Safety Mission

PUBLIC HEALTH AND SAFETY AS A RESULT OF CIVILIAN NUCLEAR REACTOR OPERATION

Strategic Performance Areas

REACTOR SAFETY

RADIATION SAFETY

SAFEGUARDS

Cornerstones

INITIATING EVENTS

MITIGATING SYSTEMS

BARRIER INTEGRITY

EMERGENCY PREPAREDNESS

PUBLIC RADIATION SAFETY

OCCUPATIONAL RADIATION SAFETY

SECURITY

Cross-Cutting Areas

Human Performance--Safety Conscious Work Environment--Problem Identification & Resolution

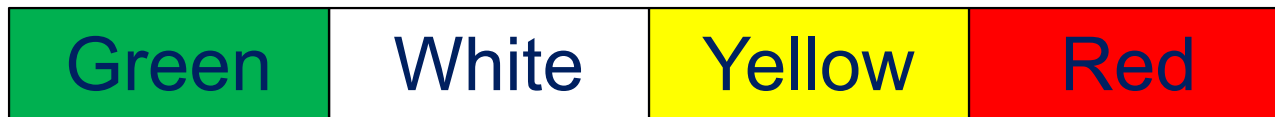
Performance Indicators

- 17 Performance Indicators
- PI's for each cornerstone
- Licensee submits data to NRC quarterly
- Inspection program verifies accuracy
- Data available on NRC website



Significance Threshold

Performance Indicators



Increasing Safety Significance

Inspection Findings



Increasing Safety Significance



Action Matrix Columns

Licensee Response	Regulatory Response	Degraded	Multiple/Repetitive Degraded	Unacceptable Performance
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Increasing

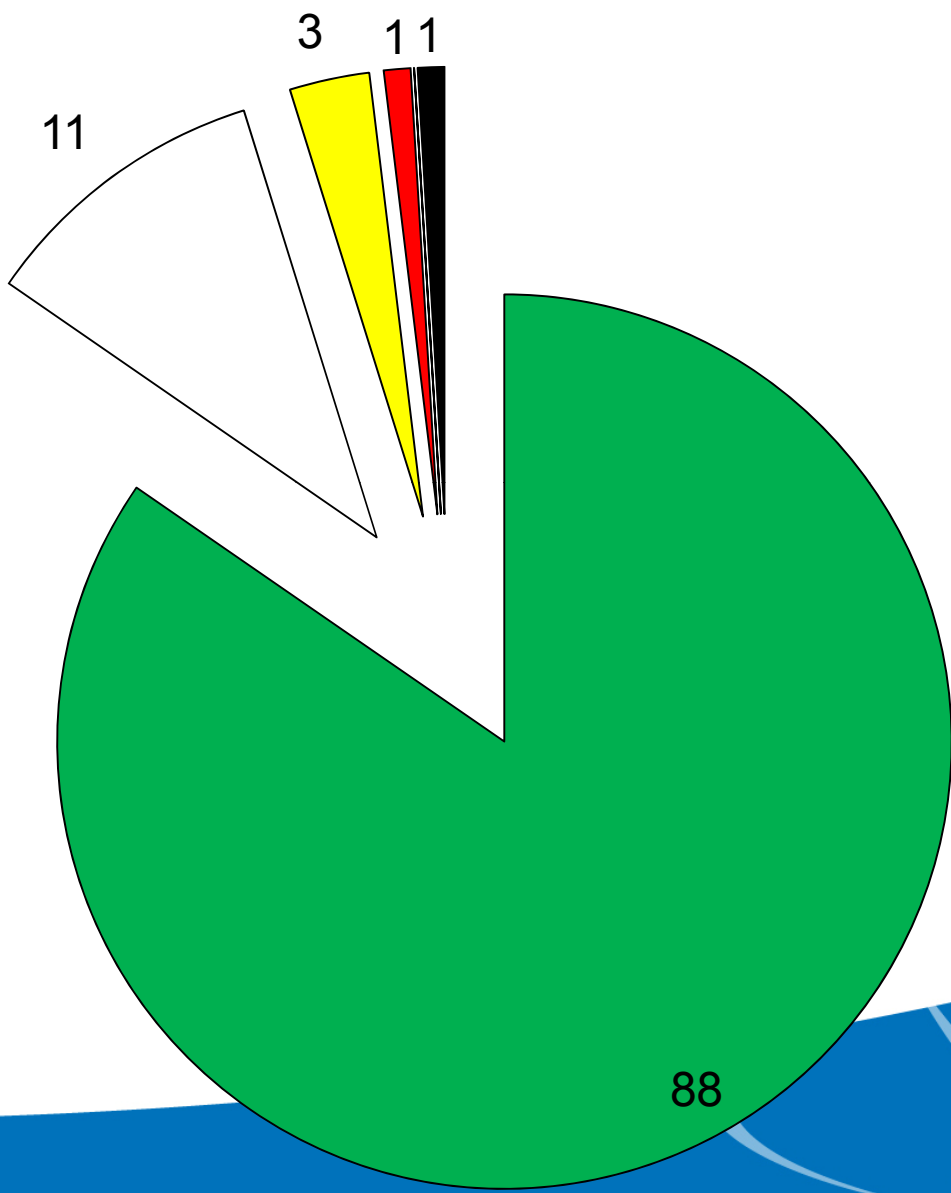
- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action



Industry-Wide Performance



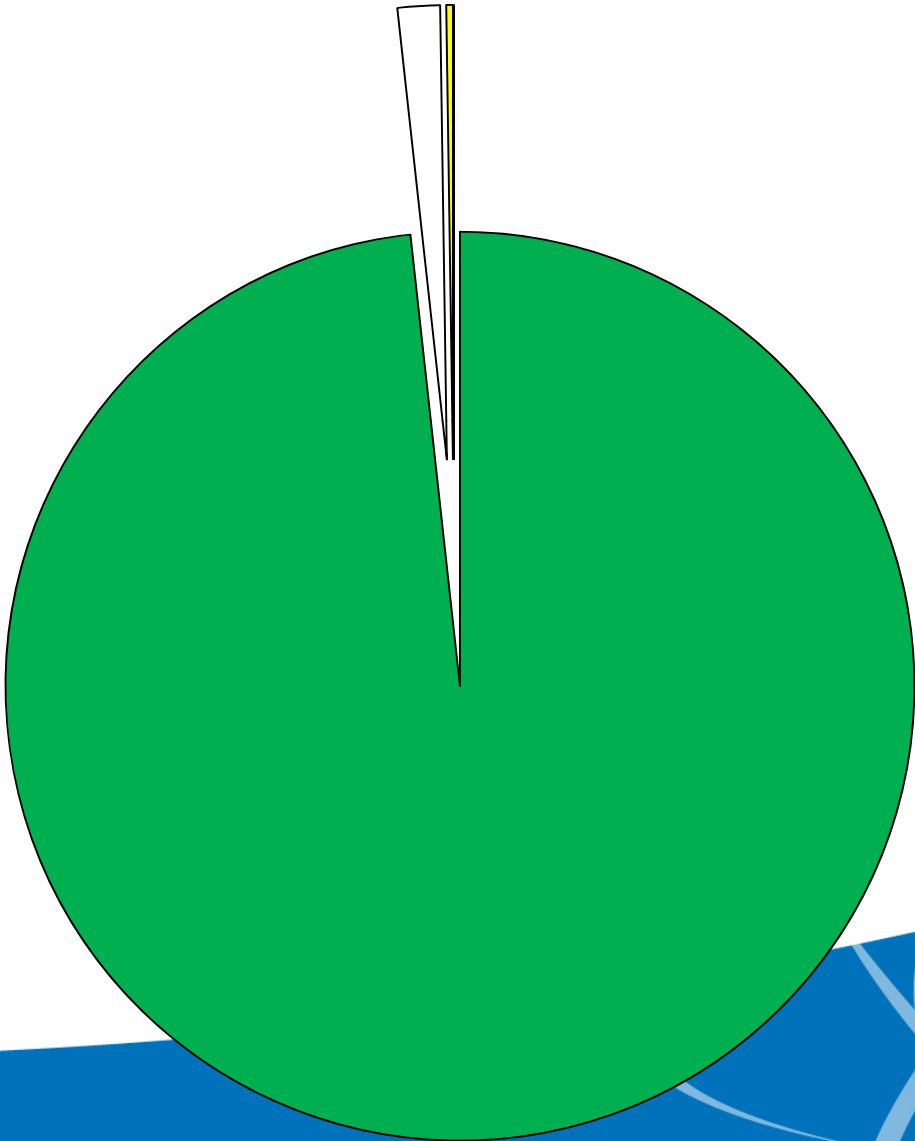
As of 12/31/2011



- Licensee Response
- Regulatory Response
- Degraded Cornerstone
- Multiple/Repetitive Degraded Cornerstone
- Unacceptable
- IMC 0350 Process

Industry-Wide Inspection Findings

Finding data current as of 2/24/2012 and does not include security findings

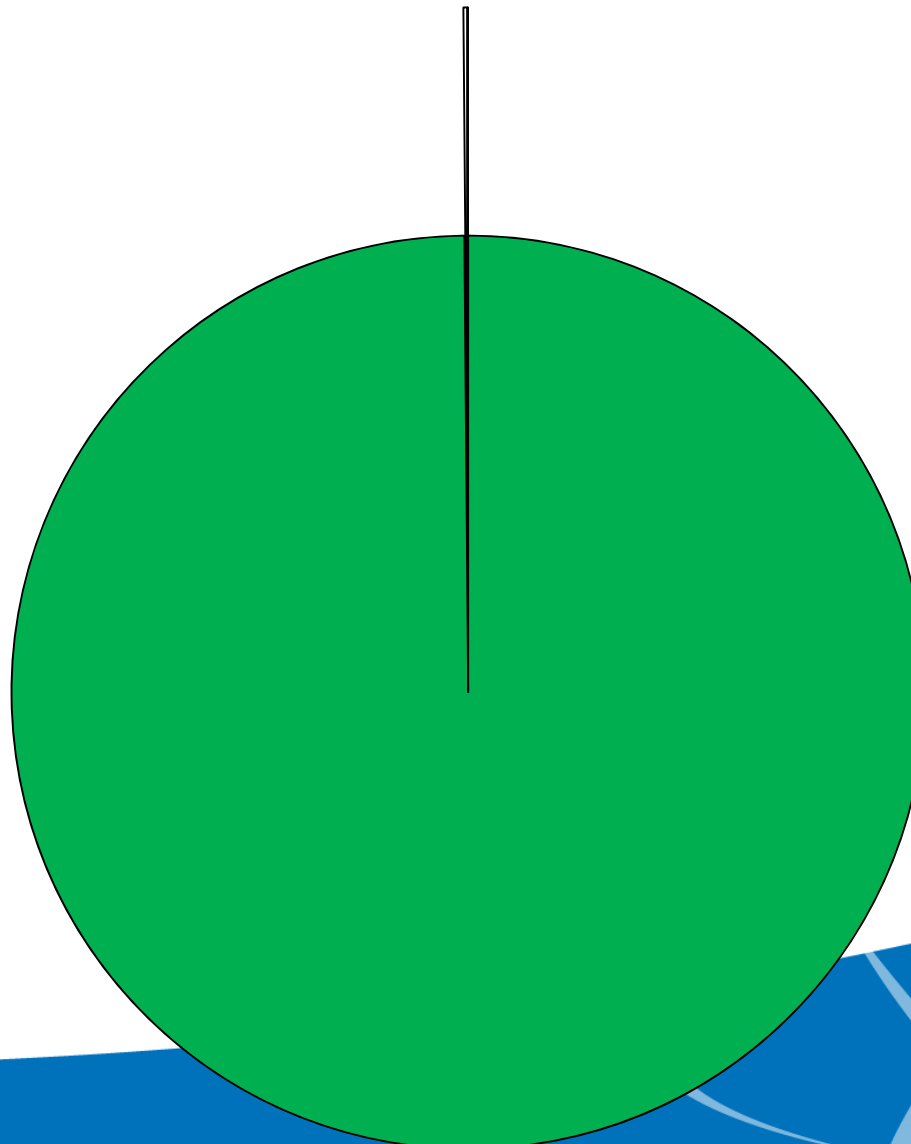


Calendar Year 2011 data

- Green 846
- White 13
- Yellow 2
- Red 0

Industry-Wide Performance Indicators

Calendar Year
2011 data



■ Green 6585

□ White 9

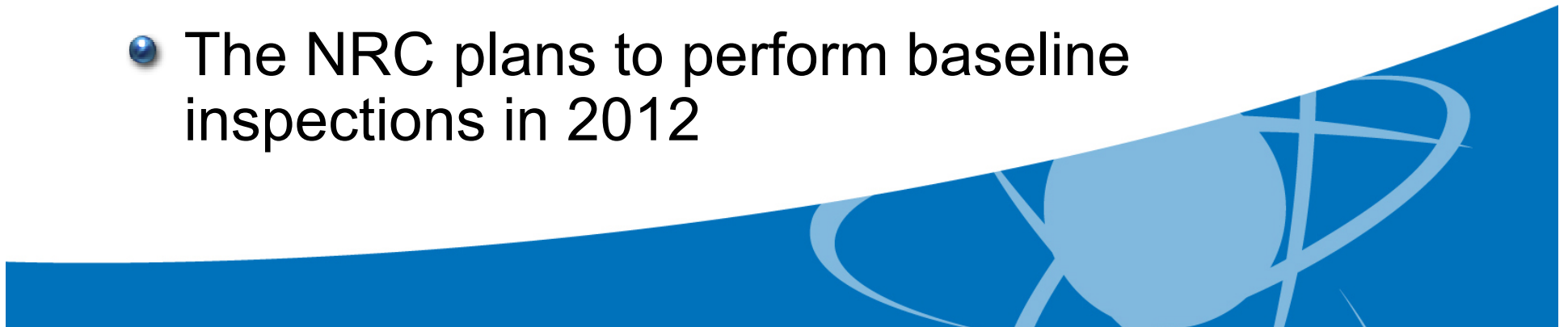
■ Yellow 0

■ Red 0

NRC Annual Assessment Summary

Oyster Creek

- Exelon operated the plant safely and in a manner that preserved public health and safety and protected the environment.
- Oyster Creek was in the Licensee Response Column of NRC's Action Matrix for the last quarter of 2011.
- No substantive cross-cutting issues were identified
- The NRC plans to perform baseline inspections in 2012



NRC Inspection Activities Oyster Creek for 2011

- 5589 hours of direct inspection
- Two resident inspectors on site
 - Event response
 - Inspect over 20 areas of plant performance
 - Examples include operator performance, risk management, equipment issues, and fire protection
- Nine regional inspections
- Four team inspections
 - Triennial Fire Protection
 - EP Exercise Evaluation
 - Operator Licensing Examinations
 - Security Baseline

Oyster Creek PIs and Findings

January 1 through December 31, 2011



- All Green Performance Indicators
- Six Green / Severity Level IV inspection findings



Actions in Response to the Japan Nuclear Accident



- Actions in response to Japan Nuclear Accident
Website: <http://www.nrc.gov/japan/japan-info.html>
- Mailbox for comments on staff actions:
JLD_Public.Resource@nrc.gov
- Office of Public Affairs Point of Contact:
OPA.resource@nrc.gov or 301-415-8200

NRC Social Media Channels



- Blog: <http://public-blog.nrc-gateway.gov/>
- Flickr: <http://www.flickr.com/photos/nrcgov/>
- Twitter: <https://twitter.com/#!/nrcgov>
- YouTube: <http://www.youtube.com/user/NRCgov>
- RSS: <http://www.nrc.gov/public-involve/listserver.html#rss>

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
- Contact Oyster Creek Resident Inspector



End of Presentation

Nuclear Regulatory Commission

Region I

Manahawkin, NJ

March 28, 2012