

Quad Cities Nuclear Power Station Annual Assessment Meeting

2010 Reactor Oversight Process
Nuclear Regulatory Commission – Region III

NRC Strategic Plan Goals



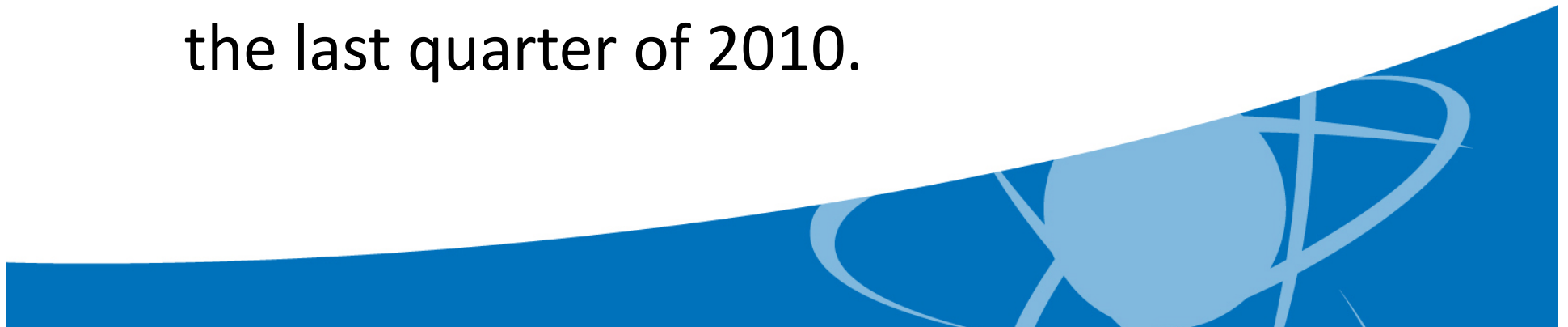
- Safety – Ensure adequate protection of public health and safety and the environment
- Security – Ensure adequate protection in the secure use and management of radioactive materials



NRC Annual Assessment Summary

Quad Cities

- Exelon Generating Company operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- Quad Cities was in the Licensee Response Column of the NRCs ROP Action Matrix for the last quarter of 2010.



NRC Inspection Activities

Quad Cities for 2010

- 2089.6 hours of direct inspection
- Two (2) resident inspectors on site – residents perform on-site inspection activities daily and make quarterly reports each year
- Eight (8) regional inspections
- Three (3) major team inspections
 - Biennial Problem Identification and Resolution
 - Evaluation of Changes, Tests, or Experiments and Permanent Plant Modifications
 - Biennial Emergency Preparedness Exercise Evaluation

Quad Cities Pls and Findings

January 1 through December 31, 2010



- All Green Performance Indicators
- Seven (7) Green / Severity Level IV inspection findings
- No White inspection findings



NRC Inspection Findings

Quad Cities



- Green – Quad Cities failed to assess and manage maintenance risks resulting in a manual reactor scram on Unit 2.
- Green – Quad Cities Unit 2 operators changed operating modes when all required equipment was not operable, specifically an instrument that provides a scram signal on low condenser vacuum.



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 issue
- **White** Low to moderate safety issue
- **Yellow** Substantial safety issue
- **Red** High safety issue



National Summary of Plant Performance



Status as of 12/31/2010

Licensee Response	89
Regulatory Response	9
Degraded Cornerstone	6
Multiple/Repetitive Deg. Cornerstone	0
Unacceptable	0
Total	104



National Summary



Performance Indicator Results for 2010*

– Green	7009
– White	23
– Yellow	0
– Red	0

*PI's are counted per plant per quarter

Total Inspection Findings in 2010

– Green	816
– White	9
– Yellow	2
– Red	0

Finding data current as of 3/3/2011



NRC Plans for 2011



- NRC plans baseline inspections at Quad Cities for the remainder of 2011. This includes:
 - Initial Operator Licensing Examination
 - Component Design Bases
- In addition, the NRC plans to perform a Post-Approval Site Inspection for License Renewal



What Do You Think of the ROP???



The biennial ROP external survey is coming 3rd Quarter 2011, and we want to hear from you!

Email ROPsurvey@nrc.gov to be notified when the ROP survey is available.

For information on ROP stakeholder feedback, please visit our website at

<http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/program-evaluations.html#section3>



End of Presentation

Nuclear Regulatory Commission

Region III

Lisle, IL

April 5, 2011