

Oyster Creek Nuclear Power Plant Annual Assessment Meeting

2009 Reactor Oversight Process
Nuclear Regulatory Commission – Region I

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

- Oyster Creek operated the plant safely and in a manner that preserved the public health and safety and protected the environment during the assessment period.
- Oyster Creek was in the Regulatory Response column of NRC's Action Matrix for the last two quarters of 2009. Oyster Creek was in the Licensee Response column of NRC's Action Matrix for the first two quarters of 2009.

NRC Inspection Activities At Oyster Creek for 2009



- 8200 hours (approx.) of inspection and related activities
- 2 resident inspectors on site
- 13 regional inspections

NRC Significance Threshold Summary



Performance Indicators (PI)

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

Inspection Findings

- Green Very low safety issue
- White Low to moderate safety issue
- Substantial safety issue
- Red High safety issue

OC PIs and Findings



January 1 through December 31, 2009

- Green PIs in almost all areas except for one White PI in the third quarter 2009 related to Unplanned Scrams per 7000 critical hours
- Sixteen Green / Severity Level IV inspection findings

NRC Plans for 2010



● Team and other Appendix C (Atypical) Inspections:

- ☛ Supplemental Inspection for Unplanned Scrams PI
- ☛ Independent Fuel Storage Facility Inspection
- ☛ Problem Identification and Resolution Inspection
- ☛ Component Design Bases inspection
- ☛ License Renewal Post Implementation Follow up Inspection

Oyster Creek Nuclear Power Plant Response and Remarks

End of Presentation

Nuclear Regulatory Commission

Region I

King of Prussia, PA

May 25, 2010