

North Anna Power Station Annual Assessment Meeting

2009 Reactor Oversight Process
Nuclear Regulatory Commission – Region II

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

North Anna



- Dominion operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- North Anna was in the Licensee Response column of the NRCs Action Matrix for the last quarter of 2009.

NRC Inspection Activities

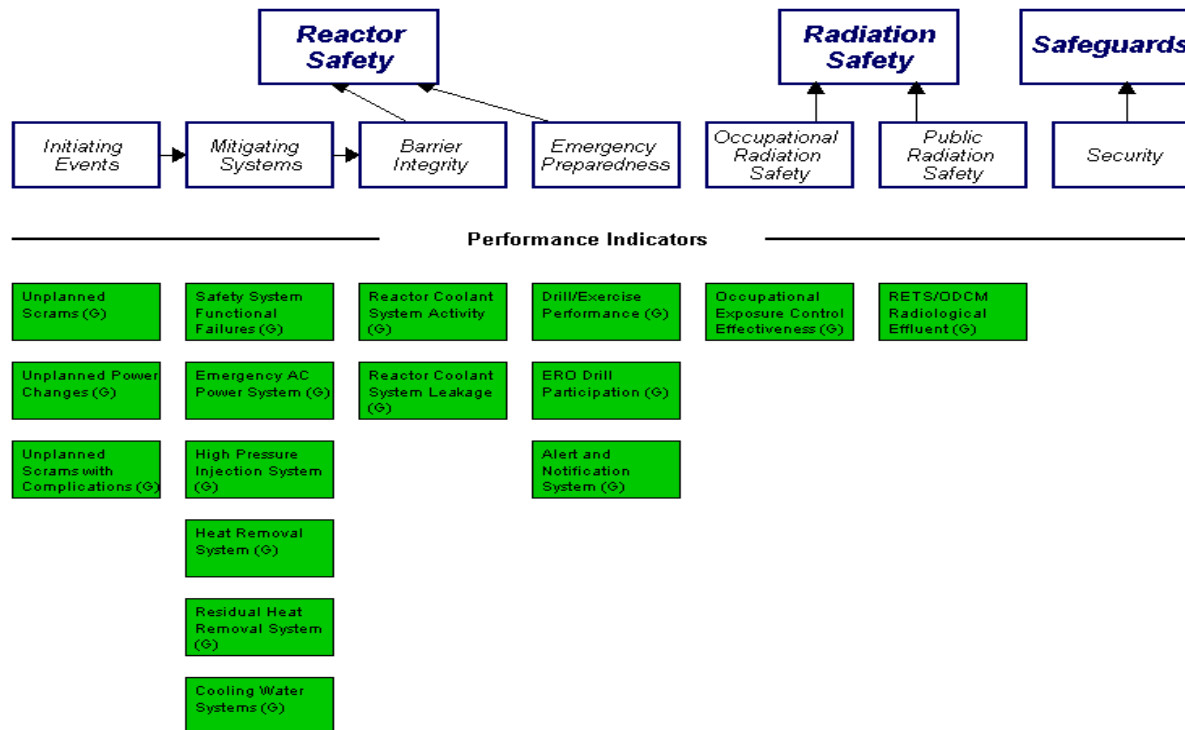
North Anna for 2009

- 6,853 hours of inspection and related activities
- Two resident inspectors on site – residents make four quarterly inspections per year and walk through the plant every day
- Eight regional inspections
- Three major team inspections
 - Component Design Bases
 - Problem Identification and Resolution
 - Triennial Fire Protection

North Anna U1 PIs and Findings

January 1 through December 31, 2009

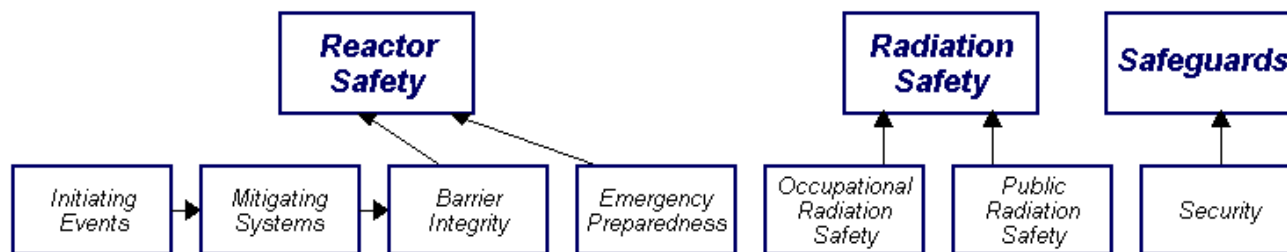
● All Green Performance Indicators



Last Modified: January 22, 2010

North Anna U1 Inspection Findings

January 1 through December 31, 2009



Most Significant Inspection Findings

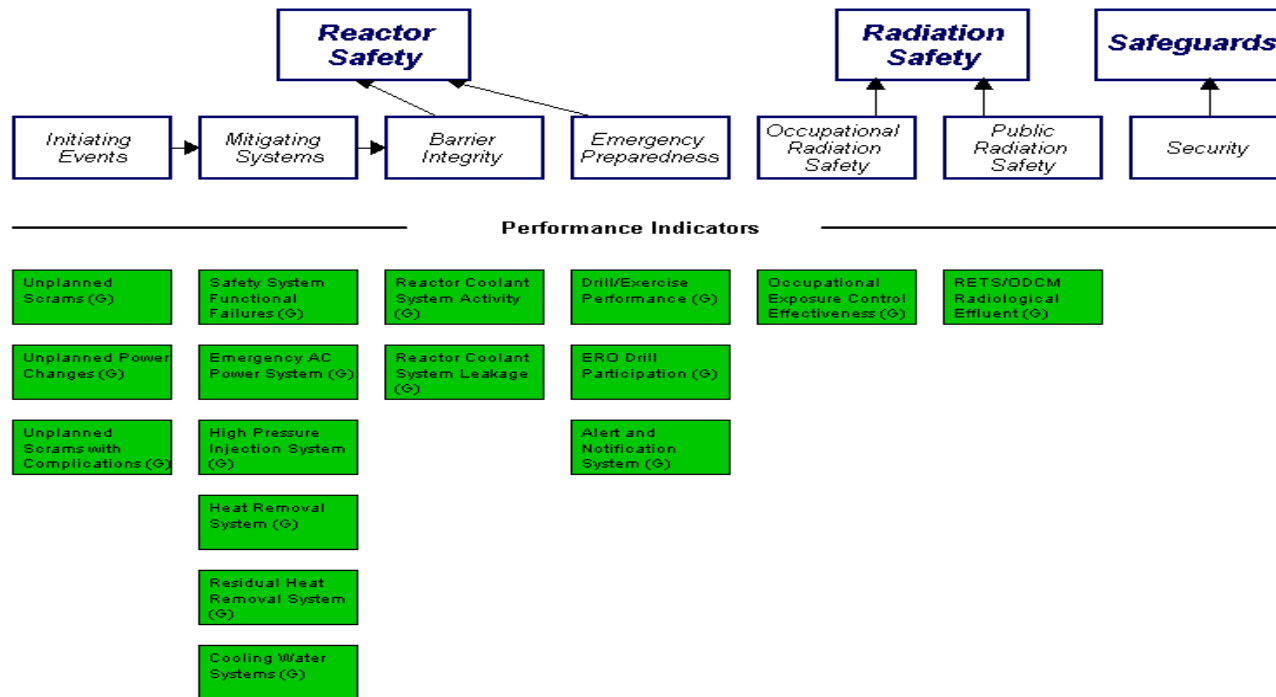
	Initiating Events	Mitigating Systems	Barrier Integrity	Emergency Preparedness	Radiation Safety	Safeguards
4Q/2009	G	G	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
3Q/2009	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
2Q/2009	No findings this quarter	G	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
1Q/2009	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter

Miscellaneous findings

North Anna U2 Pls and Findings

January 1 through December 31, 2009

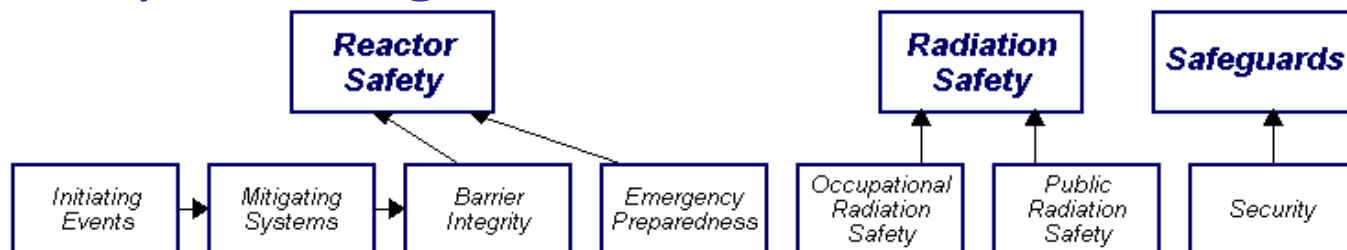
● All Green Performance Indicators



Last Modified: January 22, 2010

North Anna Pls and Findings

January 1 through December 31, 2009



Most Significant Inspection Findings

	Initiating Events	Mitigating Systems	Barrier Integrity	Emergency Preparedness	Occupational Radiation Safety	Public Radiation Safety	Security
4Q/2009	G	G	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
3Q/2009	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
2Q/2009	No findings this quarter	G	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
1Q/2009	G	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter

Miscellaneous findings

NRC Inspection Findings

North Anna

- Failure to repair or rework nonconforming parts in accordance with documented procedures
- Preconditioning of the Low Head Safety Injection Motor Operated Valves
- Inadequate procedure results in Excess Letdown Heat Exchanger Leakage

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

NRC Plans for 2010

- NRC plans baseline inspections at North Anna for the remainder of 2010. This includes:
 - Initial Licensing Examination
 - Reactor Coolant System Dissimilar Butt Welds Inspection

End of Presentation

Nuclear Regulatory Commission

Region II

Atlanta, Ga

5/3/2010