

Summer Nuclear 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

Summer



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

NRC Inspection Activities

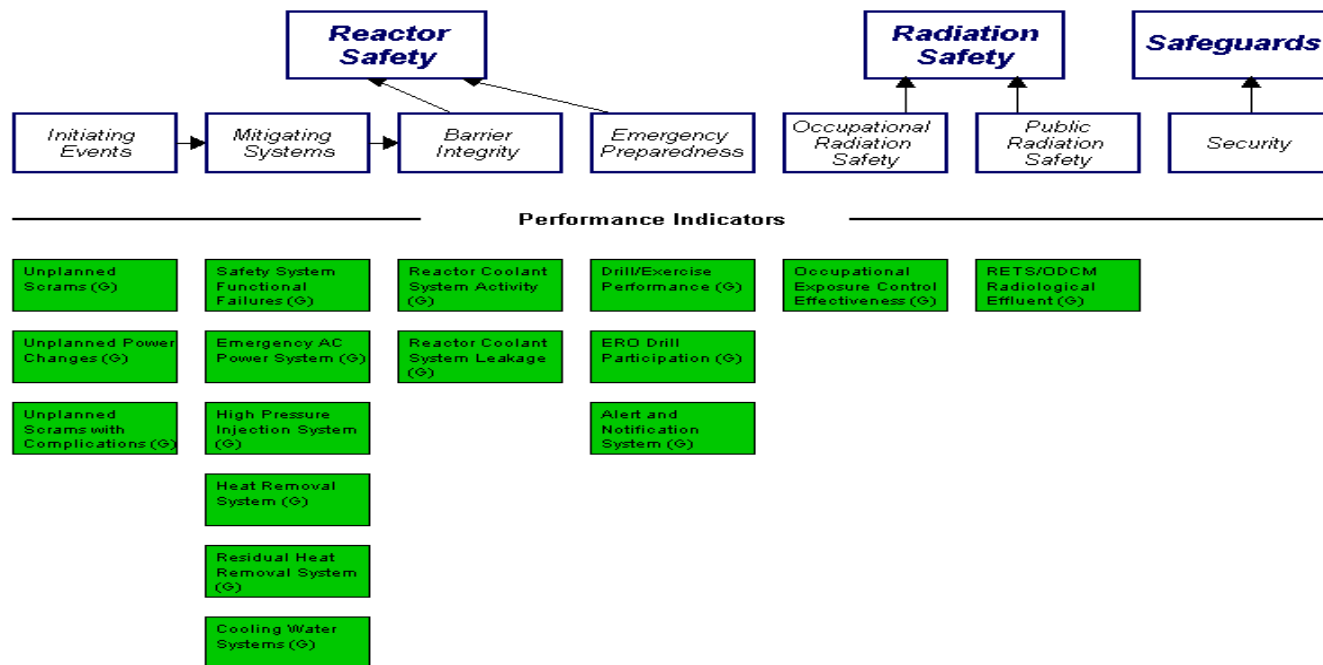
Summer for 2009

- 3,782 hours of inspection and related activities
- Two resident inspectors on site – residents perform inspections on a daily basis and issue four quarterly inspection reports per year
- Five regional inspections
- One major team inspection
 - Initial License Exam

Summer PIs and Findings

January 1 through December 31, 2009

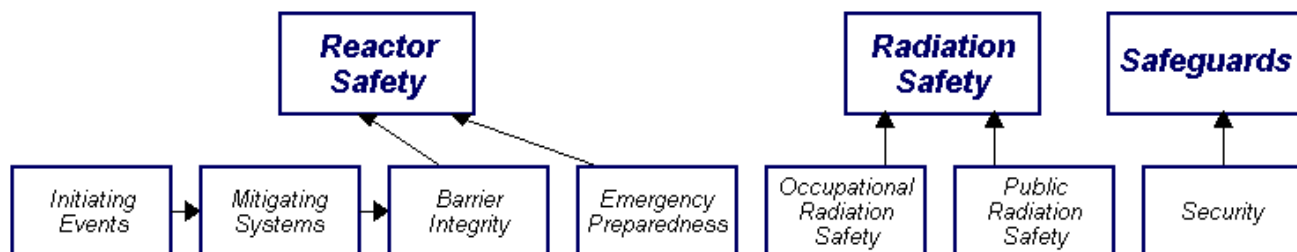
● All Green Performance Indicators



Last Modified: January 22, 2010

Summer Inspection 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	No findings this quarter	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	No findings this quarter
2Q/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
1Q/2009	No findings this quarter	No findings this quarter	G	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter

Miscellaneous findings

NRC Inspection Findings

Summer

- Failure to follow procedure results in inadvertent loss of spent fuel pool inventory
- Failure to follow procedure and correct previously identified deficiencies with the operator workaround program
- Failure to effectively monitor the performance of the emergency air handling system

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 Summer for the remainder of 2010. This includes:
 - Triennial Fire Protection Inspection
 - Problem Identification and Resolution Inspection

End of Presentation

Nuclear Regulatory Commission

Region II

Atlanta, Ga

4/28/2010