

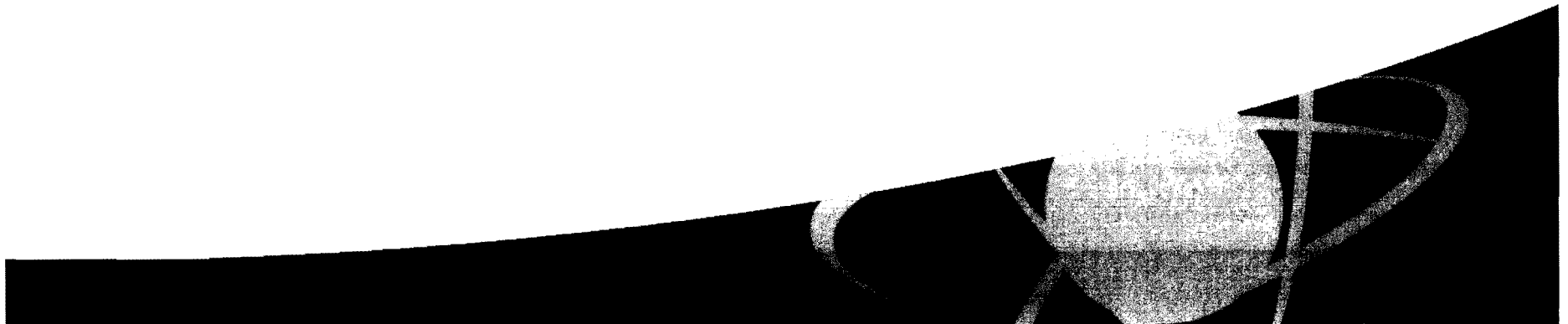
R. E. Ginna Nuclear Power Plant Annual Assessment Meeting

**2009 Reactor Oversight Process
Nuclear Regulatory Commission – Region I**

NRC Strategic Plan Goals



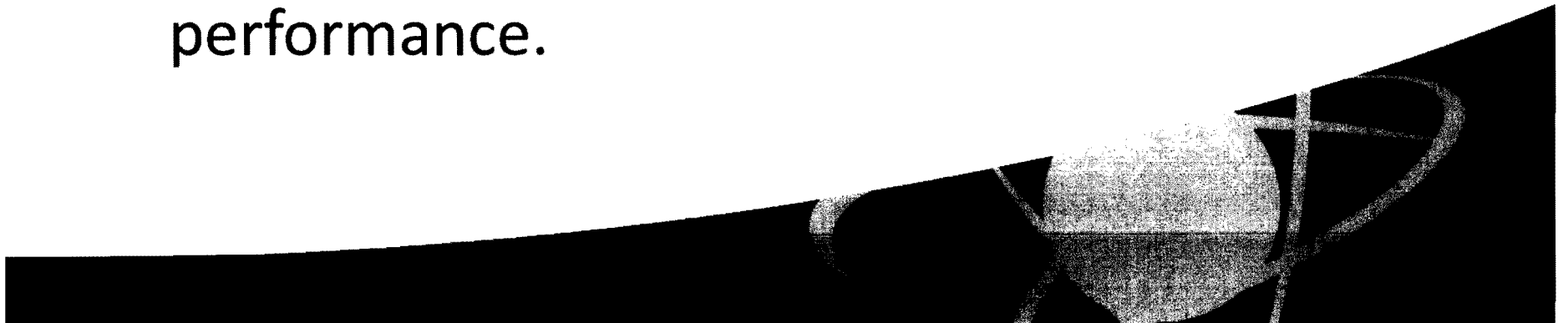
- Safety – Ensure adequate protection of public health and safety and the environment
- Security – Ensure adequate protection in the secure use and management of radioactive materials



NRC Annual Assessment Summary



- Ginna operated the plant safely and in a manner that preserved the public health and safety and protected the environment during the assessment period.
- Ginna was in the Degraded Cornerstone column of the NRCs Action Matrix.
- Ginna had a moderate degradation in safety performance.



NRC Inspection Activities Ginna for 2009



- 5800 hours of inspection and related activities
- 2 resident inspectors on site
- 10 regional inspections
- 2 major team inspection
 - ✧ Special Inspection Team for the Turbine Driven Auxiliary Feed Water (TDAFW) pump issues
 - ✧ Fire Protection Team Inspection



NRC Significance Threshold Summary

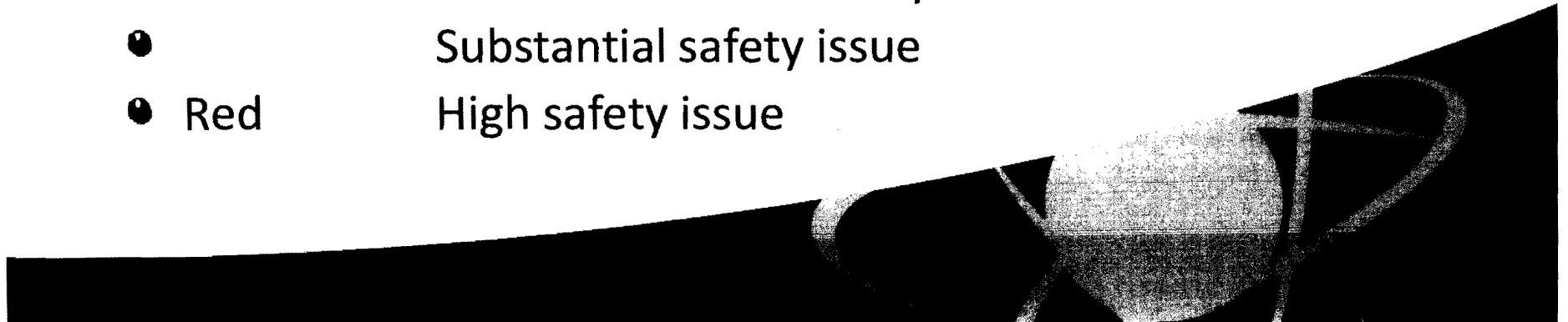


Performance Indicators (PI)

- 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

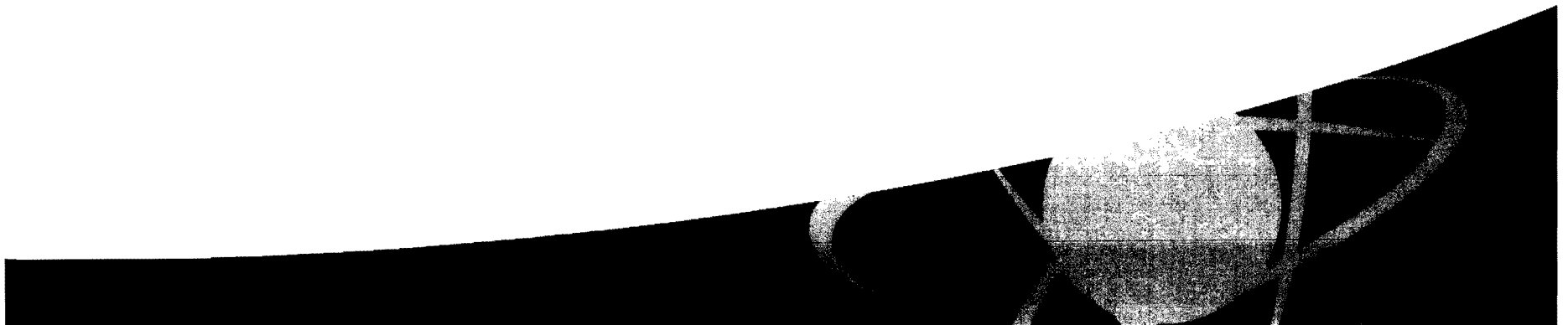


Ginna PIs and Findings

January 1 through December 31, 2009



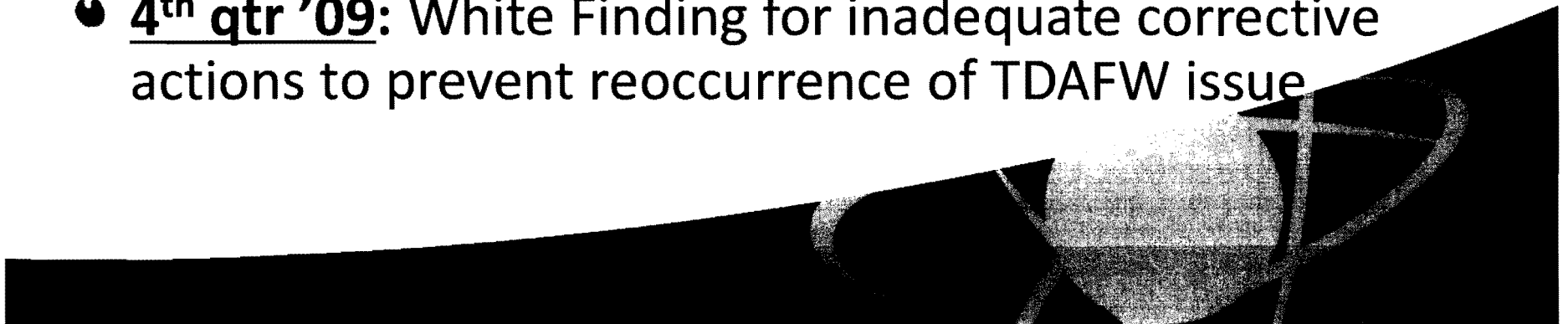
- 1 White PI
- 2 White inspection findings
- 12 Green / Severity Level IV inspection findings



Summary of Safety Significant Inspection Findings and Pls at Ginna



- **1st qtr '09**: White Finding for inadequate implementation of the Preventative Maintenance program for the TDAFW pump
- **3rd qtr '09**: White PI due to system reliability issues associated with TDAFW failures
- **4th qtr '09**: White Finding for inadequate corrective actions to prevent reoccurrence of TDAFW issue

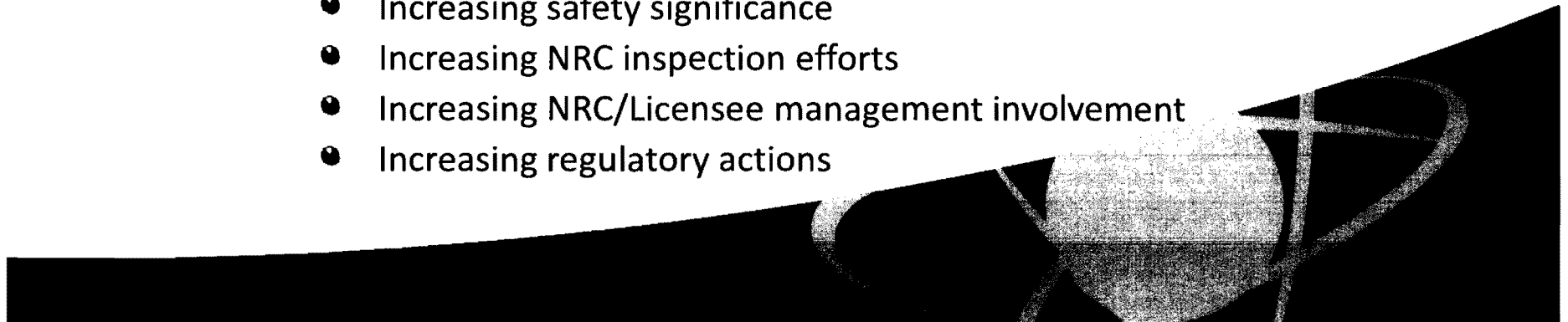


NRC Action Matrix

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple Repetitive Degraded Cornerstone	Unacceptable Performance
All Inputs are Green; Cornerstone Objectives Fully Met	1 or 2 White Inputs; Cornerstone Objectives Fully Met	2 White or 1 Yellow Input; Cornerstone Objectives Met w/ Moderate Degradation in Safety Performance	Multiple Yellow Inputs or 1 Red Input; Cornerstone Objectives Met w/ Significant Degradation in Safety Performance	Overall Unacceptable Performance; Plants not permitted to Operate w/in this Column; Unacceptable Margin to Safety



- Increasing safety significance
- Increasing NRC inspection efforts
- Increasing NRC/Licensee management involvement
- Increasing regulatory actions

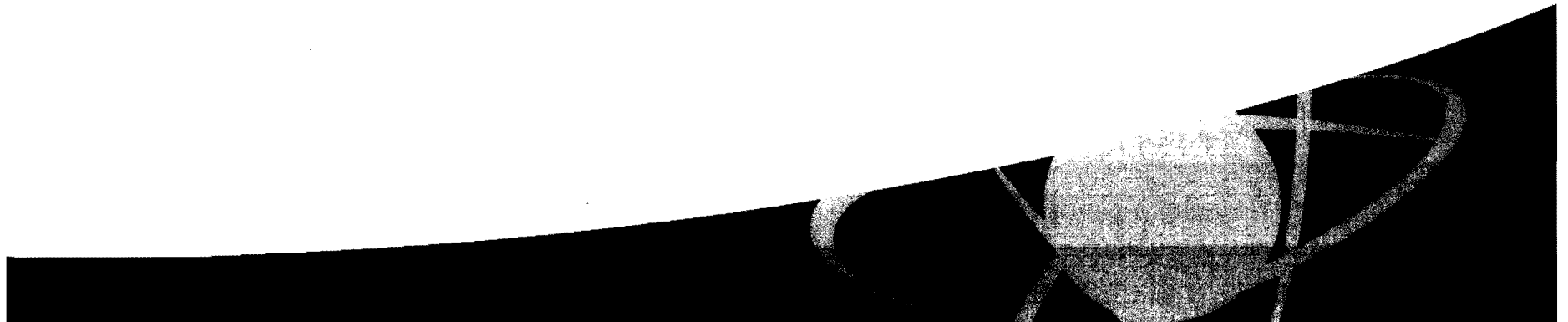


NRC Plans for 2010

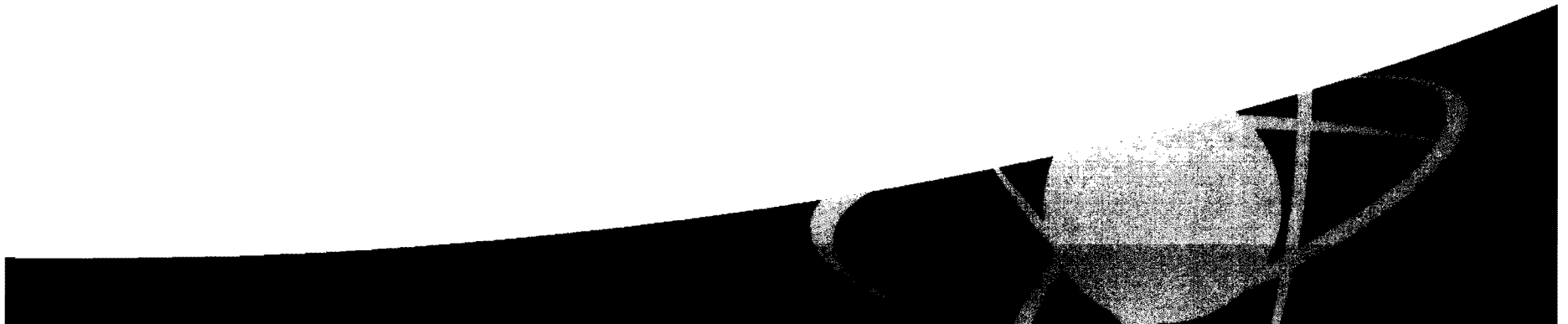


● Supplemental and Team Inspections:

- ☛ A supplemental inspection (**95002**) will ensure deficiencies with the TDAFW pump have been corrected
- ☛ An independent spent fuel storage installation (**ISFSI**) inspection in May
- ☛ A Problem Identification and Resolution (**PI&R**) inspection in May/June
- ☛ A Component Design Basis Inspection (**CDBI**) in Oct/Nov



R. E. Ginna Nuclear Power Plant Response and Remarks



End of Presentation

Nuclear Regulatory Commission

Region I

King of Prussia, PA

March 23, 2010