

Browns Ferry Annual Assessment Meeting

**2012 Reactor Oversight Process
Nuclear Regulatory Commission – Region 2**

Agenda

- Introduction
- Reactor Oversight Process
- Browns Ferry Performance Results
- Break

Meeting Purpose

- Discuss Browns Ferry's performance in 2012
- Address performance issues identified in the annual assessment

Region II Organization

Victor McCree
Regional Administrator
Leonard Wert
Deputy Regional Administrator

Richard Croteau
Director Division of Reactor Projects
William Jones
Deputy Director

Terrence Reis
Director Division of Reactor Safety
Chris Christensen
Deputy Director

Craig Kontz
Branch Chief (Acting)

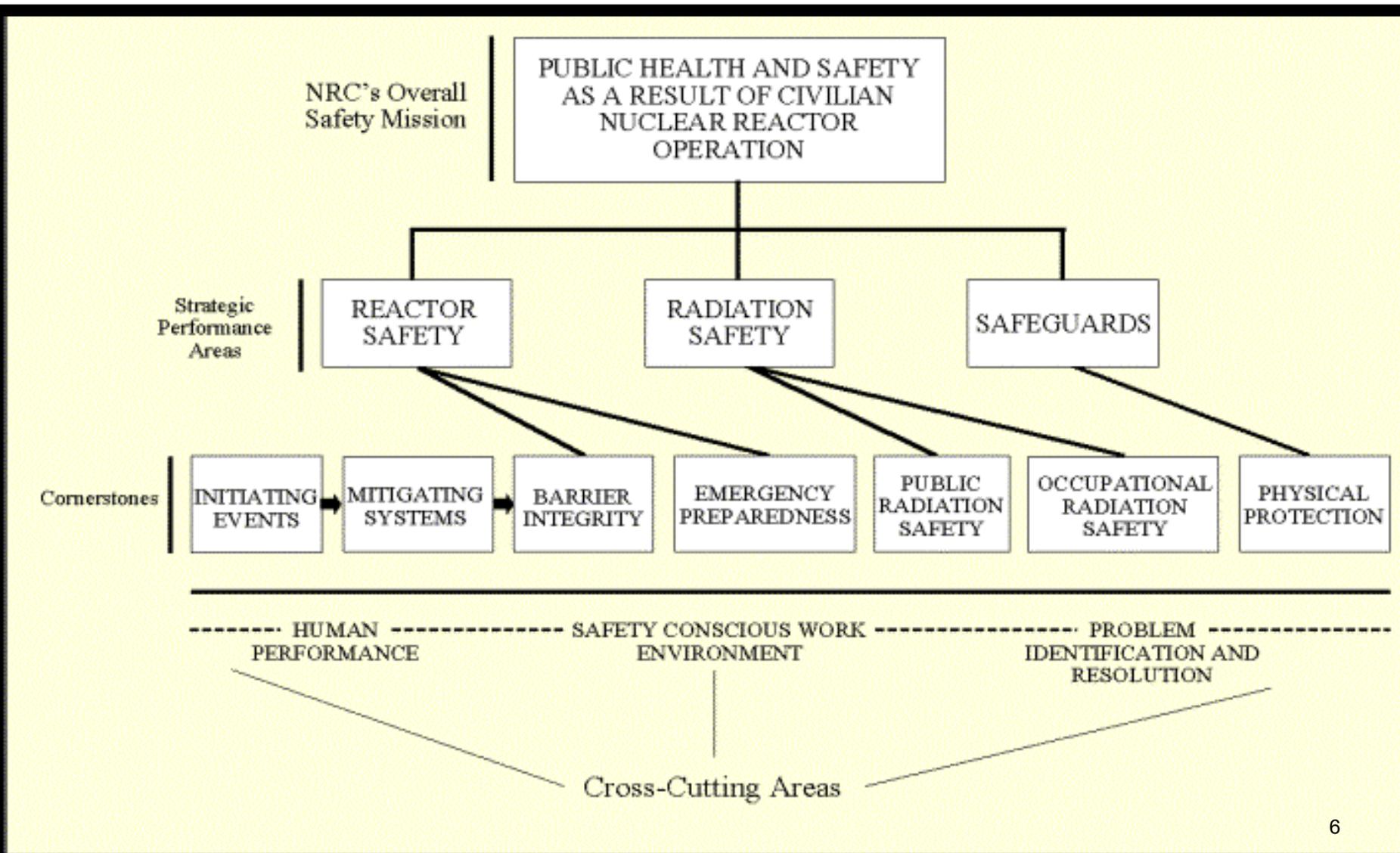
Browns Ferry Resident Inspectors
David Dumbacher- SRI
Lundy Pressley – RI
Thomas Stephen - RI

Senior Project Engineer
Jamie Heisserer

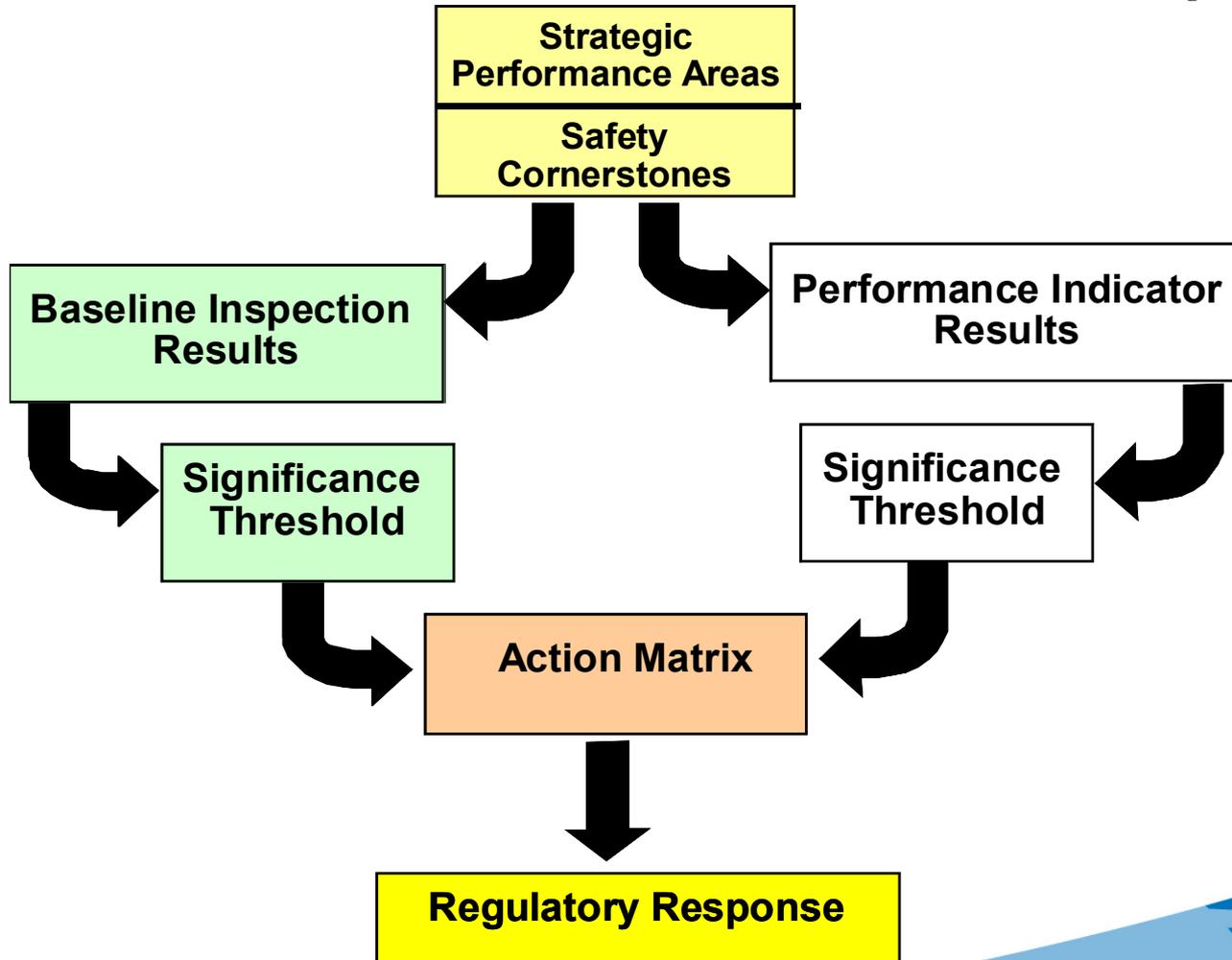
NRC Strategic Plan Goals

- 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

Regulatory Framework



Reactor Oversight Process



Significance Threshold

Performance Indicators



Increasing Safety Significance

Inspection Findings



Increasing Safety Significance

Action Matrix Columns

Licensee Response	Regulatory Response	Degraded	Multiple/Repetitive Degraded	Unacceptable Performance
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Increasing

- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action

NRC Inspection Activities

January 1 through December 31, 2012

- Over 8,500 hours of inspection and related activities
- Resident inspectors on site which provide daily plant inspection
- Regional Inspections
- Major Team Inspection for Problem Identification and Resolution inspection
- Supplemental/Infrequently Performed Inspections

NRC Annual Assessment Summary

For Browns Ferry Units 1, 2, & 3

TVA operated the plants safely and in a manner that preserved the public health and safety and protected the environment.

Unit 1 was in the Multiple/Repetitive Degraded Cornerstone Column

- RED finding in the mitigating systems cornerstone associated with the failure of a Low Pressure Coolant Injection Valve

Unit 2 was in the Degraded Cornerstone Column

- White Performance Indicator in the Mitigating Systems Cornerstone
- White finding in the Mitigating Systems Cornerstone

Unit 3 was in the Regulatory Response Column

- White Performance Indicator in the Initiating Events Cornerstone
- White finding in the Mitigating Systems Cornerstone

NRC Annual Assessment Summary

Substantive Cross-Cutting Issues (SCCI)

Two Long Standing SCCIs open:

- Problem Identification and Resolution, :
“Thorough evaluation of identified problems”
- Problem Identification and Resolution, :
“Appropriate and timely corrective actions”

SCCI's addressed during TVA's third party safety culture assessment for the Supplemental Inspection for the Red finding

NRC Annual Assessment Summary

Substantive Cross-cutting Issues (SCCI)

One SCCI opened:

Cross-cutting theme in the Resources component of the Human Performance & Error Prevention associated with Complete Documentation and Component Labeling

SCCI existed because actions had not yet proven effective in substantially mitigating the cross-cutting theme and the NRC had a concern with the scope of effort and progress in addressing the cross-cutting theme

NRC Annual Assessment Summary

Browns Ferry Units 1, 2, & 3

- All cornerstone objectives met
- NRC baseline inspections for all 3 Browns Ferry Units for 2013
- Supplemental Inspections

End of Presentation

Nuclear Regulatory Commission Region II