Annual Assessment Meeting

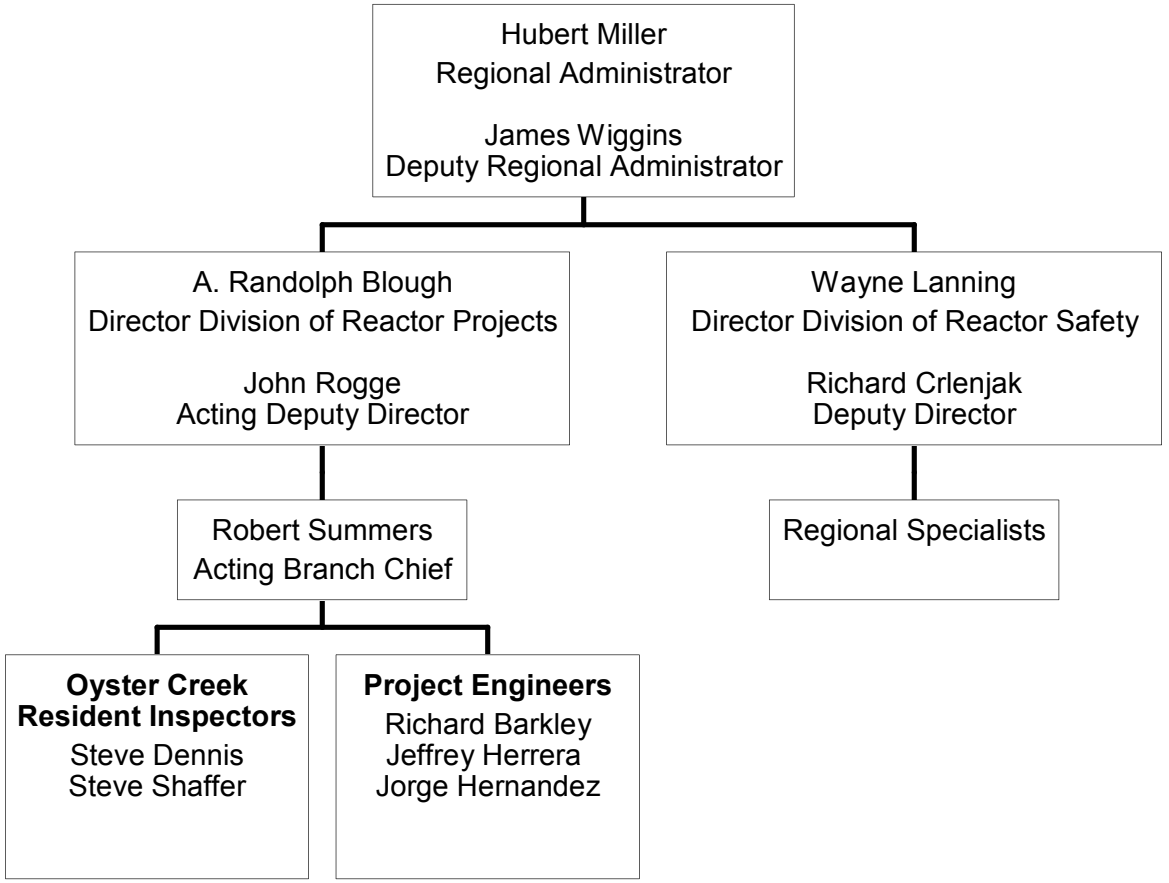
Reactor Oversight Program
Calendar Year 2002

Nuclear Regulatory Commission - Region I
King of Prussia, PA

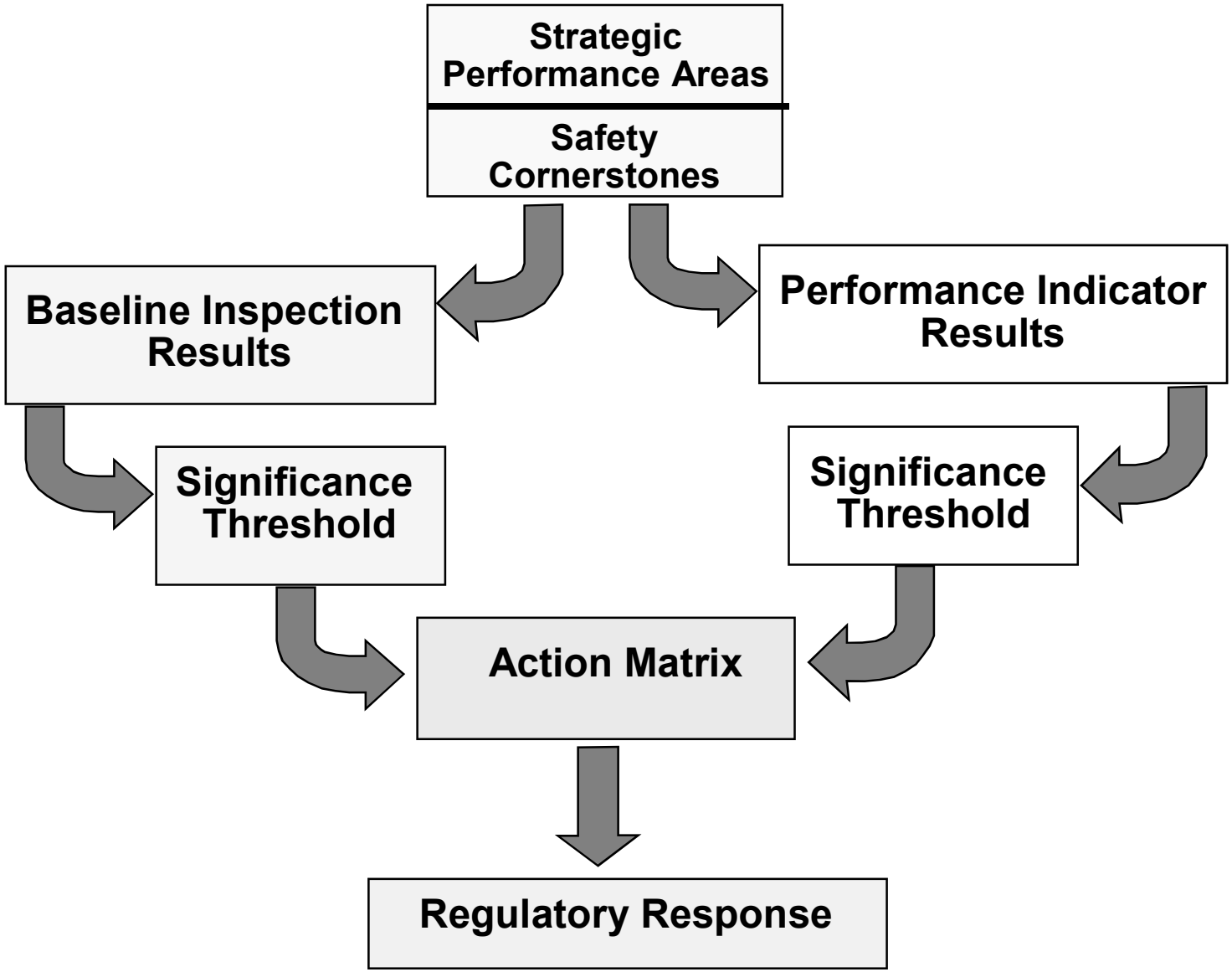
Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- General Topics: Security Update and Self-Improvement Efforts
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address questions from the public

Region I Organization



Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~92 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~100 hrs every 2 yrs
- Worker Radiation Protection ~100 hrs/yr
- Corrective Action Program ~200 hrs every 2 yrs
- Corrective Action Case Reviews ~30 hrs/yr

Significance Threshold

Performance Indicators

Green: Only Baseline Inspection

White: May increase NRC oversight

Yellow: Requires more NRC oversight

Red: Requires more NRC oversight

Inspection Findings

Green: Very Low safety issue

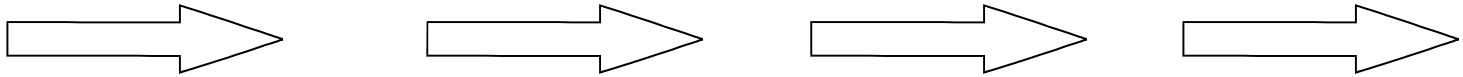
White: Low to moderate safety issue

Yellow: Substantial safety issue

Red: High safety issue

Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

National Summary of Plant Performance

Status at End of Calendar Year 2002

Licensee Response	75
Regulatory Response	24
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	1
Unacceptable	0
Total Plants	102

*Davis-Besse is in IMC 0350 process

National Summary

- Performance Indicator Results (end of calendar year 2002)
  - **Green** 1835
  - **White** 5
  - **Yellow** 0
  - **Red** 0

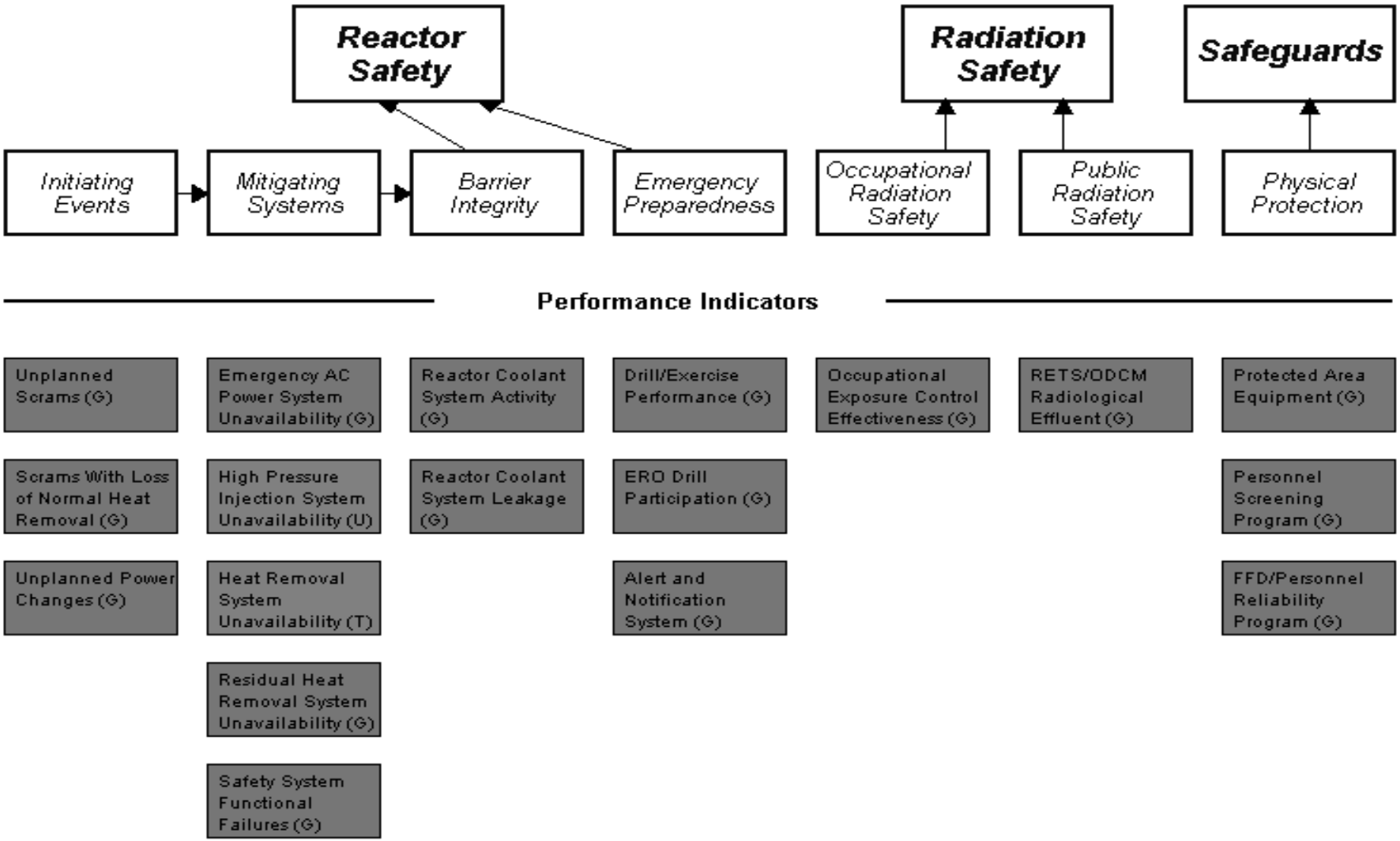
- Total Inspection Findings (calendar year 2002)
  - **Green** 783
  - **White** 30
  - **Yellow** 1
  - **Red** 2

Oyster Creek Assessment Results

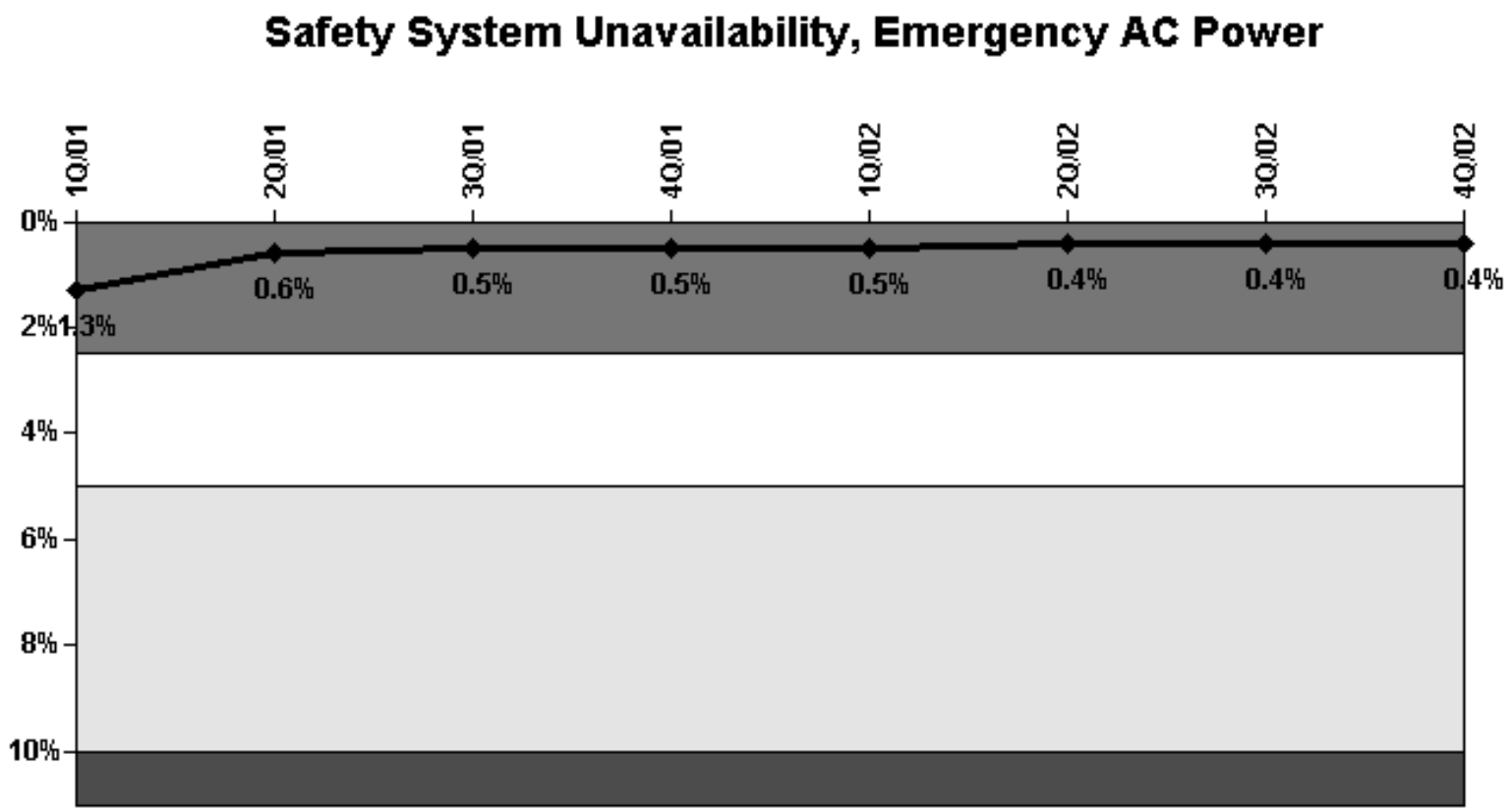
(Jan 1 - Dec 31, 2002)

- Operated safely
- Regulatory Response column of the Action Matrix for the first and second quarters of 2002 (cornerstone objectives fully met)
- Licensee Response column of the Action Matrix for the third and fourth quarters of 2002 (cornerstone objectives fully met)
- NRC will conduct baseline inspections during the next cycle

Oyster Creek -Performance Indicators



Performance Indicator (Example)



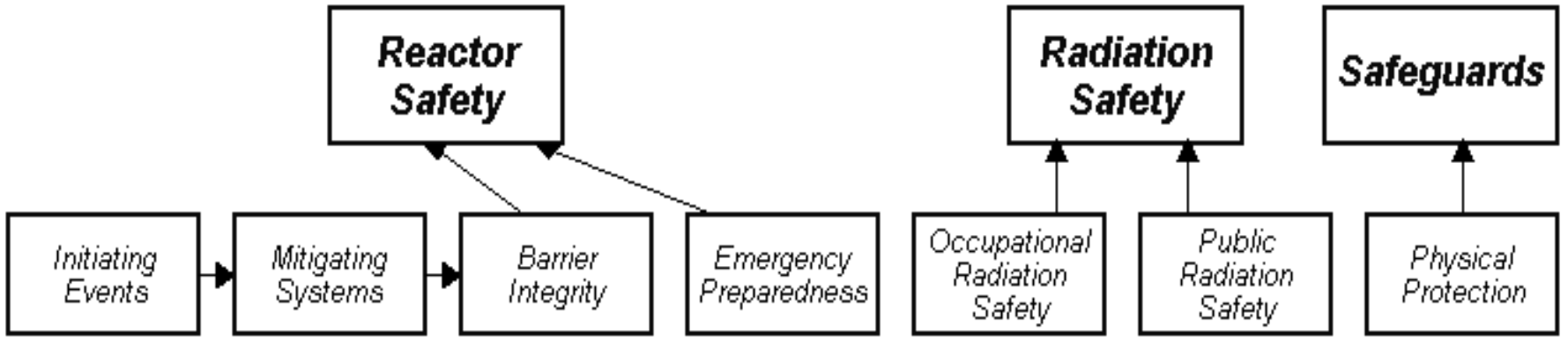
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Oyster Creek Inspection Activities

(Jan 1 - Dec 31, 2002)

- Approximately 5280 hours of inspection related activities
- 2 resident inspectors assigned to the site
- 15 regional inspector visits
  - Included 3 team inspections
- Inspection Findings
  - 12 findings of very low safety significance (GREEN)

Oyster Creek - Inspection Results



Most Significant Inspection Findings

4Q/2002	G	G	G	No findings this quarter	G	No findings this quarter	No findings this quarter
3Q/2002	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/2002	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/2002	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

Oyster Creek Annual Assessment

Substantive Cross Cutting Issue
Human Performance

Common Theme
Procedure Adherence Inadequacies

Cornerstones Affected
Initiating Events, Mitigating Systems, Barrier Integrity, and Occupational Radiation Safety

Several Green Findings

- Procedures controlling test activities
- Procedures controlling modification activities
- Alignment of plant components
- Equipment performance monitoring
- Repeat errors involving personnel not responding to alarming electronic dosimetry while working in high radiation areas

This substantive cross cutting issue will be inspected through the baseline inspection program.

NRC Security Program Update

- NRC has issued Orders which:
  - Increased Patrols
  - Augmented Security Capabilities
  - Added Barriers and Posts
  - Enhanced Personnel Screening for Access
  - Enhanced Security Awareness
- Office of Nuclear Security and Incident Response Formed (April 2002)
- Threat Advisory and Protective Measure System (August 2002):
  - NRC established five level threat advisory and protective measure system based on Homeland Security Advisory System

NRC Security Program Update (continued)

- Access Authorization Order (January 7, 2003)
- Force-on-Force Exercises (February 2003)
- Training Order (TBD)
- Fatigue Order (TBD)
- Design Basis Threat (TBD)

Emergency Response

- Office of Nuclear Security and Incident Response has primary responsibility

- Typical other federal agencies involved:
  - Federal Emergency Management Agency
  - Department of Energy
  - Environmental Protection Agency
  - Federal Bureau of Investigation

NRC Self-Improvement Efforts

- Security Enhancements
- Significance Determination Process Task Group
- Performance Indicator Program
- Davis-Besse Lessons Learned Task Force

NRC Representatives

- A. Randolph Blough, Director, Division Reactor Projects
  - (610) 337-5230
- Robert Summers, Branch Chief
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- Peter Tam, Project Manager, NRR
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  - (609) 693-0702
- Steven Shaffer, Resident Inspector
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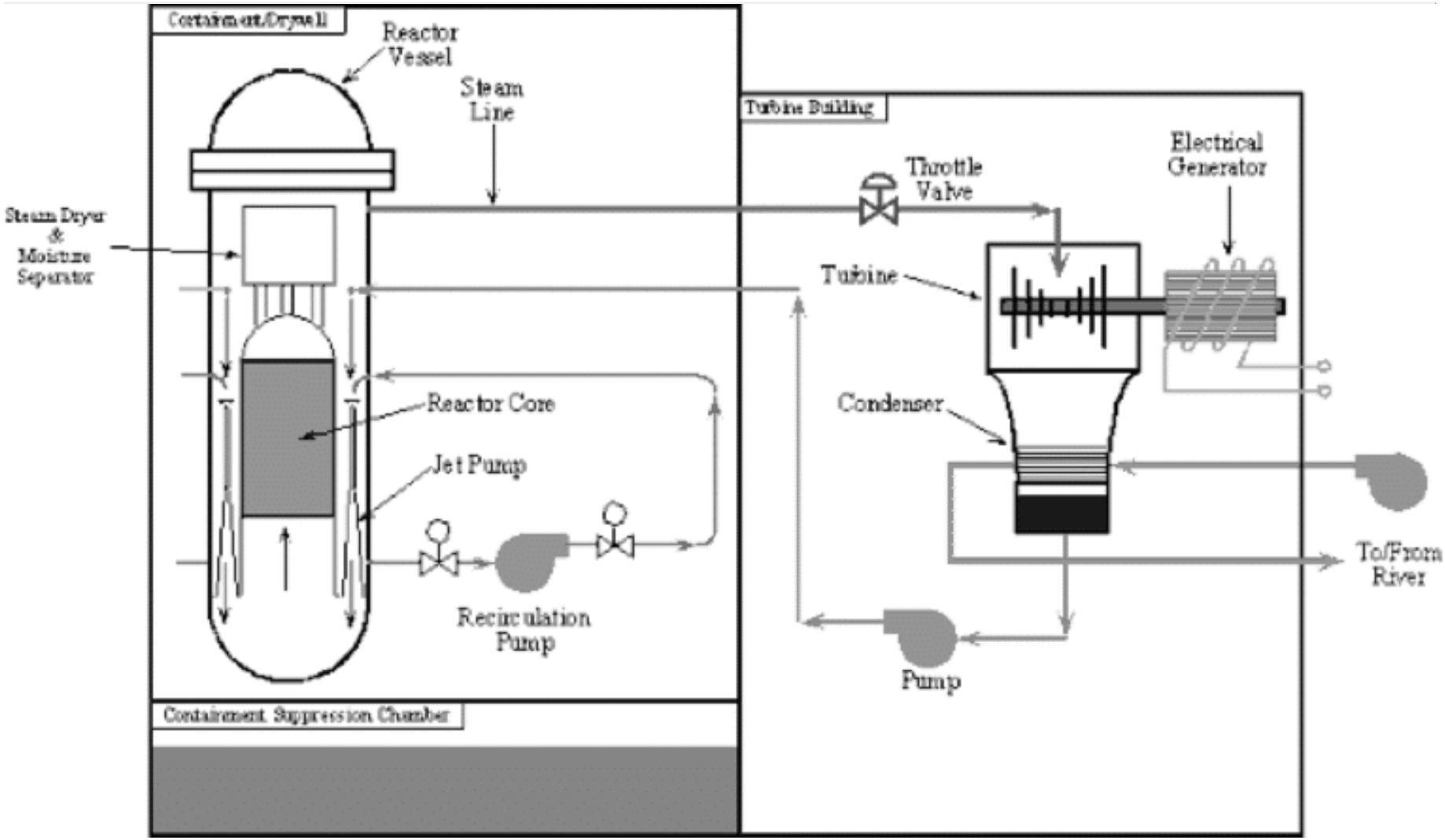
- Richard Barkley, Senior Project Engineer
  - (610) 337-5065

Reference Sources

- Reactor Oversight Process
  - http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html
- Public Electronic Reading Room
  - http://www.nrc.gov/reading-rm.html
- Public Document Room
  - 1-800-397-4209 (Toll Free)

Simplified Boiling Water Reactor



Simplified Pressurized Water Reactor