Crystal River Nuclear Plant Unit 3 Annual Assessment Meeting

2010 Reactor Oversight Process

June 7, 2011

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Enclosure 2

Meeting Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Crystal River Unit 3 Performance
- Questions and Answers

Our Mission

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

To license and regulate our Nation's civilian use of nuclear materials in order to protect public health and safety, promote the common defense and security, and protect the environment.

Reactor Oversight Process

- The NRC program to inspect, measure, and assess the safety performance of commercial nuclear power plants and to respond to any decline in performance.

Reactor Oversight Process

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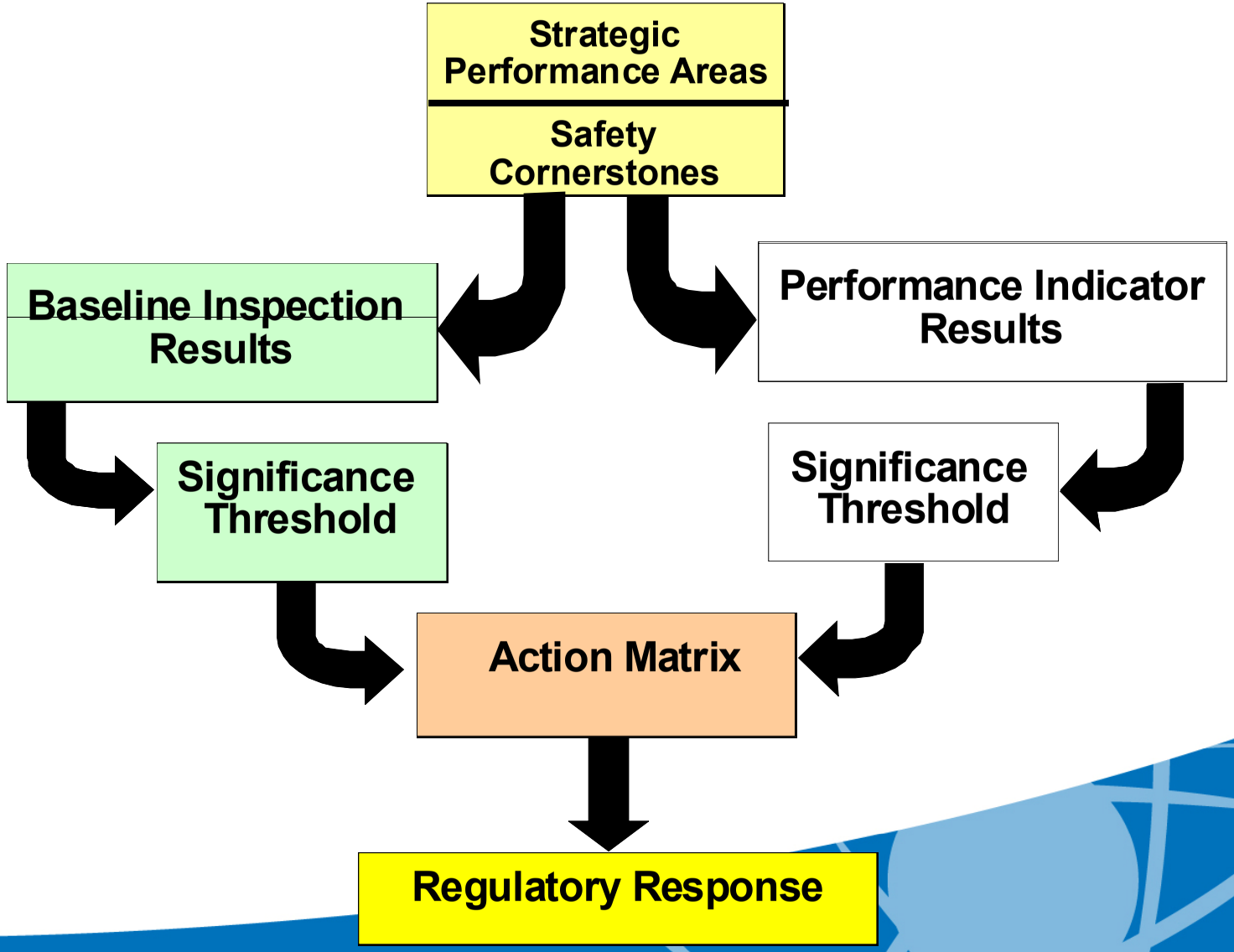

Significance Threshold

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Inspection Findings & Performance Indicators

Green: Very Low Safety Significance

White: Low to Moderate Safety Significance

Yellow: Substantial Safety Significance

Red: High Safety Significance

Reactor Oversight Framework

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Protect Public Health and Safety and the Environment

Strategic Areas

- Reactor Safety
- Radiation Safety
- Safeguards

Safety Cornerstones

- Initiating Events
- Mitigating Systems
- Barrier Integrity
- Emergency Preparedness
- Public Radiation
- Occupational Radiation
- Physical Protection

Action Matrix

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Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple Degraded Cornerstone	Unacceptable Performance

Increasing Safety Significance
Increasing NRC Inspection Efforts
Increasing NRC/Licensee Management Involvement
Increasing Regulatory Actions

Summary of Plant Performance

Licensee Response	89
Regulatory Response	9
Degraded Cornerstone	6
Multiple/Repetitive Deg. Cornerstone	0
Unacceptable	0
Total	104

Crystal River Unit 3 Inspection Activities

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- Resident Inspector Baseline
- Regional Baseline Inspections
- Performance Indicator Inspections
- One Special Inspection – Containment Delamination
- Two Team Inspections
  - Problem Identification and Resolution
  - Design Modifications

Crystal River Unit 3 Inspection Results

- All Inspection Findings Green
- All Performance Indicators within the nominal, expected Range (Green or N/A)

Annual Assessment Summary
Crystal River Unit 3

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- Operated safely in a manner that preserved public health and safety and protected the environment

Public Information

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- The NRC places a high priority on keeping the public and stakeholders informed of its activities.

- At www.nrc.gov, you can:
  - Find public meeting dates and transcripts;
  - Read NRC testimony, speeches, press releases, and policy decisions; and
  - Access the NRC Library to find NRC publications and documents.

What Do You Think of the ROP?

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The biennial ROP external survey is coming 3rd Quarter 2011, and we want to hear from you!

Email ROPsurvey@nrc.gov to be notified when the ROP survey is available.

For information on ROP stakeholder feedback, please visit our website at
http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/program-evaluations.html#section3

End of Presentation

Nuclear Regulatory Commission

Region II

Crystal City, Florida

June 7, 2011

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Crystal River Public Meeting

Comments and Questions

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