

NRC CY2004 Annual Assessment Meeting

CRYSTAL RIVER



**Crystal River, Florida
May 10, 2005**

Agenda

- Introduction
- Organization and Purpose
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Crystal River Plant Performance Assessment Results
- Crystal River Management Response and Remarks
- NRC Closing Remarks
- End
- NRC Available to Address Public Questions

NRC Performance Goals

PRIMARY GOALS

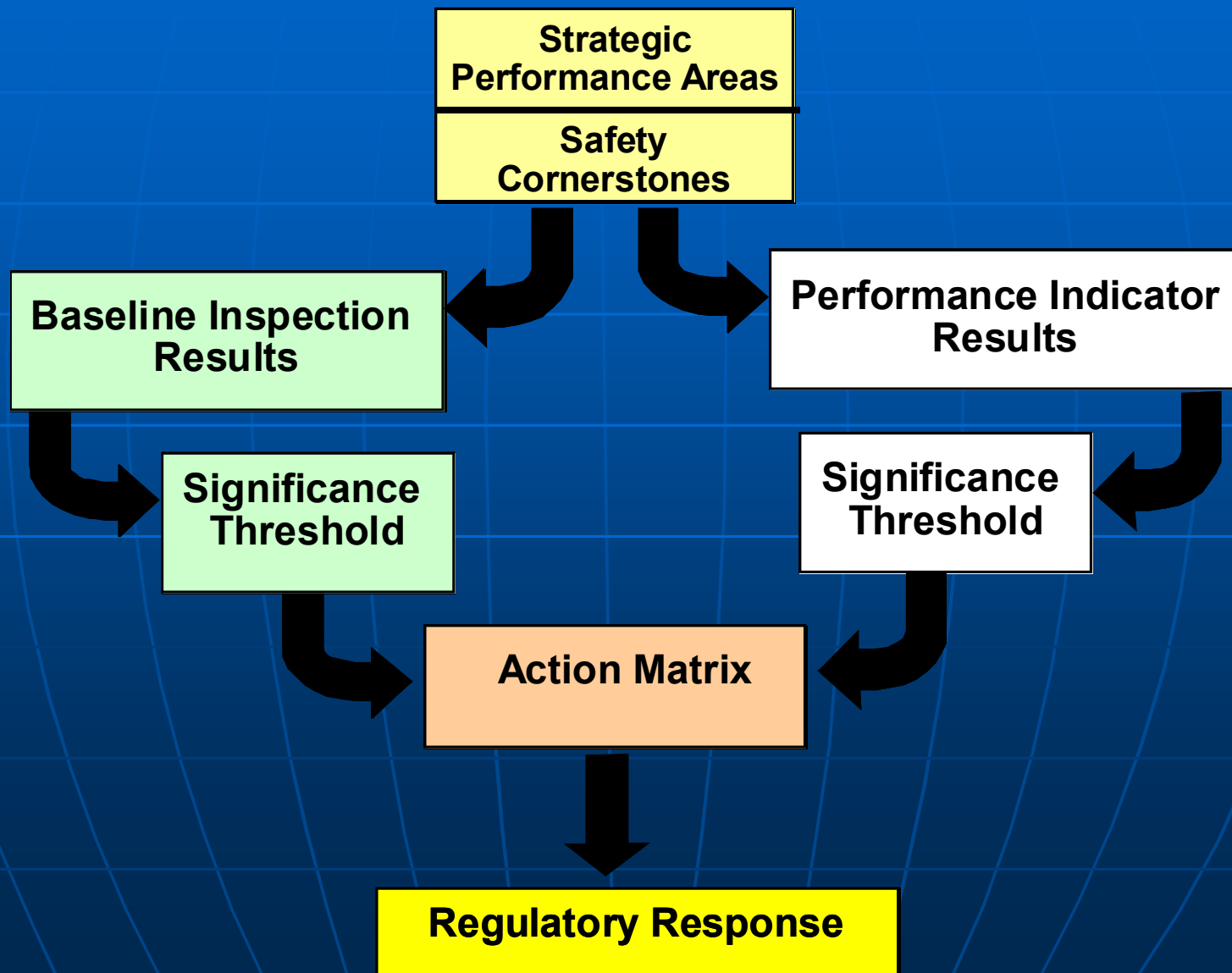
**Ensure protection of the public health and safety
and the environment**

**Ensure the secure use and management of
radioactive materials**

ADDITIONAL GOALS

- Ensure openness in NRC regulatory process**
- Ensure that NRC actions are effective, efficient, realistic, and timely**
- Ensure excellence in NRC management to carry out the NRC's strategic objective**

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 ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Performance Thresholds

Safety Significance

Green:	Very low safety issue
White:	Low-to-moderate safety issue
Yellow:	Substantial safety issue
Red:	High safety issue

NRC Inspection Efforts

Green:	Only Baseline Inspections
White:	May increase NRC oversight
Yellow:	Increased NRC oversight
Red:	Increased NRC oversight and other NRC actions

Action Matrix Concept



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

National Summary of Plant Performance

Status at End of CY 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
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Total	102*

*Davis-Besse under a special inspection process

Crystal River CY2004

Inspection Activities

- 3125 hours of inspection related activities
- Problem identification and resolution inspection
- Engineering heat sink inspection
- Radiation protection inspection
- Emergency preparedness inspection
- Licensed operator requalification program inspection

Crystal River CY2004 Assessment Results

- Unit 3 performance was within the Licensee Response Column of the NRC's Action Matrix
- All Unit 3 inspection findings were classified as very low safety significance (Green)
- All performance indicators were Green

Crystal River

Annual Assessment Summary

- Progress Energy operated Crystal River in a manner that preserved public health and safety
- All cornerstone objectives were met
- NRC plans baseline inspections at Crystal River for the remainder of CY 2005

Crystal River CY2005

Inspection Activities

- Resident inspector daily inspections
- Fire protection inspection
- Engineering modifications inspection
- Radiation protection inspections
- Maintenance inspections
- Emergency preparedness inspection
- Reactor operator initial exam
- Safety system design and performance capability inspection

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Contacting the NRC

- Report an emergency
 - ▶ (301) 816-5100 (call collect)
- Report a safety concern:
 - ▶ (800) 695-7403
 - ▶ Allegation@nrc.gov
- General information or questions
 - ▶ www.nrc.gov
 - ▶ Select “What We Do” for Public Affairs