

Point Beach Nuclear Plant Annual Assessment Meeting

Reactor Oversight Program - 2003



Nuclear Regulatory Commission - Region III

Lisle, Illinois

April 21, 2004

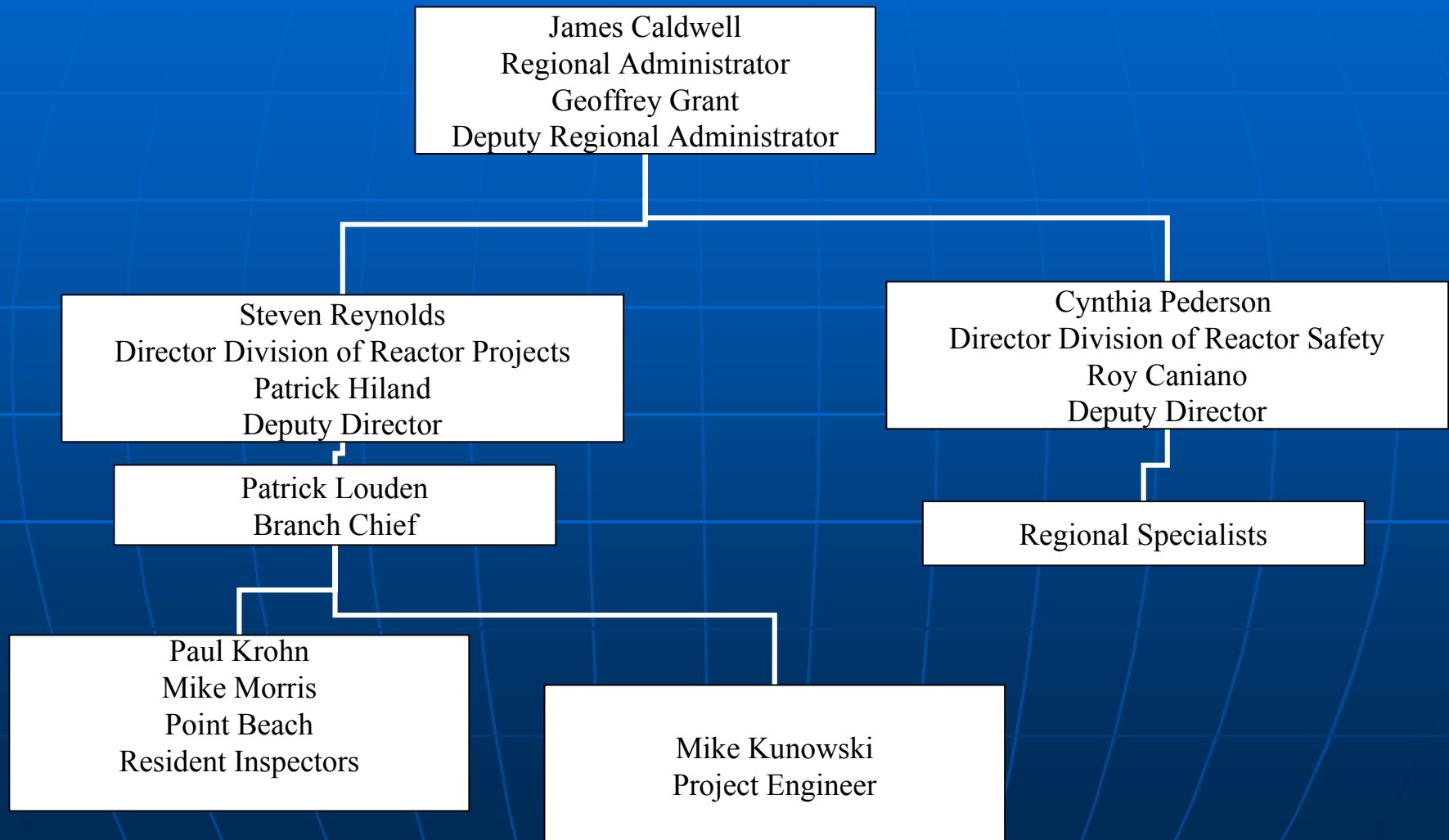
Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Point Beach Performance Results
- NMC Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

NRC Representatives

- James Caldwell Regional Administrator
- Steve Reynolds Acting Director, Division Reactor
Projects
- Harold Chernoff Project Manager, NRR
- R. Michael Morris Acting Senior Resident Inspector
- Mike Kunowski Senior Project Engineer
- Patrick Loudon Branch Chief

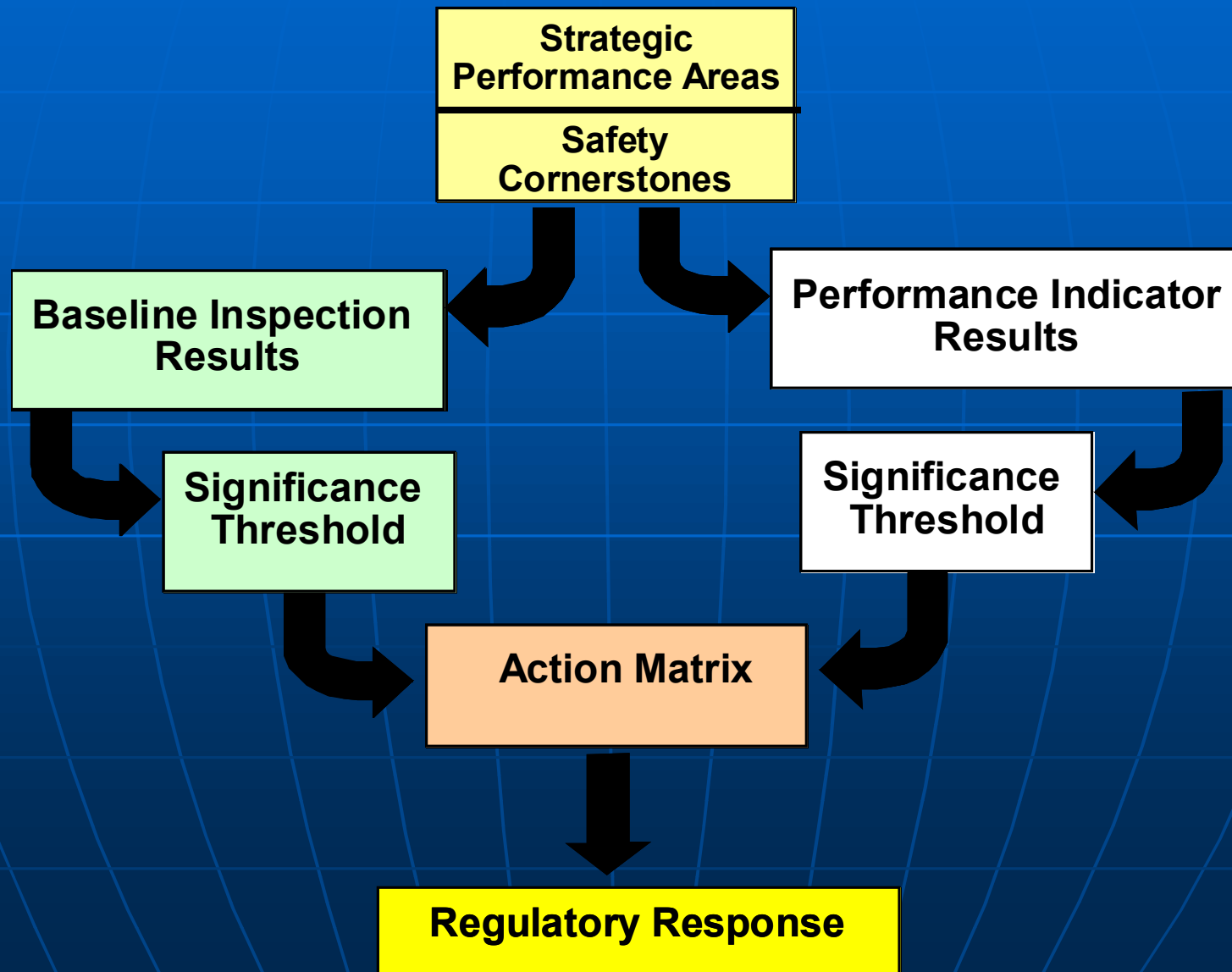
Region III Organization



NRC Performance Goals

- Maintain safety and protect the environment
- Enhance public confidence
- Improve effectiveness, efficiency, and realism of processes and decision-making
- Reduce unnecessary regulatory burden

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 ~60 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



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

Purpose of Today's Meeting

- A public forum for discussion of Point Beach's (NMC's) performance
- NRC will address the Point Beach performance issues identified in the annual assessment letter
- Point Beach will respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

National Summary of Plant Performance

Status at End of 2003

Licensee Response	75
Regulatory Response	22
Degraded Cornerstone	2
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	<u>0</u>
<hr/> Total	102*

*Davis-Besse is in IMC 0350 process

National Summary

- Performance Indicator Results (at end of 2003)

- Green 1825
- White 15
- Yellow 0
- Red 0

- Total Inspection Findings (2003)

- Green 748
- White 9
- Yellow 2
- Red 1

Point Beach Assessment Results

January 1 - December 31, 2003

- Both Units were in the Multiple/Repetitive Degraded Cornerstone Column of the Action Matrix for 2003 because of the Red inspection finding from 2002 for the Auxiliary Feedwater System and the Yellow/Red inspection finding from 2003 for the Auxiliary Feedwater System
- 95003 supplemental inspection identified 10 Green Non-Cited Violations, 1 Severity Level IV Non-Cited Violation, 1 Severity Level III Cited Violation, and 1 Unresolved Item

Safety Significant Findings or PIs

- First Auxiliary Feedwater (AFW) Red Finding
 - Identified in November 2001 by Point Beach
 - Design problem, applies to both Units
 - NRC special inspection December 2001 - February 2002
 - Regulatory Conference on April 29, 2002
 - Final Significance Determination on July 12, 2002
 - Relation to Second AFW Red finding reviewed during NRC special inspection October 2002 - March 2003
 - Corrective actions reviewed during 95003 supplemental inspection July - December 2003

Safety Significant Findings or PIs

- Second AFW Red Finding
 - Identified in October 2002
 - Design problem; Yellow for Unit 1, Red for Unit 2
 - NRC special inspection October 2002 - March 2003
 - Regulatory Conference on June 6, 2003
 - Final Significance Determination on December 11, 2003
 - Corrective actions reviewed during 95003 supplemental inspection July - December 2003

Point Beach Inspection Activities

January 1 - December 31, 2003

- For the Baseline Inspections, approximately 1900 hours of inspection were used
 - Regional Inspector Inspections
 - Radiation Protection, Security, Emergency Preparedness
 - Operator Licensing
 - Engineering - Modifications/50.59
- For the 95003 Supplemental Inspection, approximately 1900 hours of inspection were used

Point Beach Inspection Activities

January 1 - December 31, 2004

- Unit 1 Refuel Outage (April 2004)
- Expanded Safety System Design and Performance Capability Inspection (July 2004)
- Expanded Problem Identification and Resolution Inspection (September 2004)
- Quarterly inspections of Confirmatory Action Letter progress

Point Beach Annual Assessment Summary

January 1 - December 31, 2003

- NMC operated Point Beach Units 1 & 2 in a manner that preserved public health and safety
- All cornerstone objectives were met with a Red finding for both Units and a Yellow finding for Unit 1 and a Red finding for Unit 2 (AFW)
- NRC plans expanded baseline inspections and Confirmatory Action Letter follow-up inspections at Point Beach for the remainder of the assessment period

Confirmatory Action Letter (CAL)

- Administrative Letter Issued That Confirms a Licensee's Agreement to Take Certain Actions
 - Flexible Tool for Resolving Licensee Issues in a Timely and Efficient Manner
 - Commitment, not a Requirement

Point Beach CAL

- To be issued in April
- Confirms NMC's Commitments in March 22 Letter to take actions on a specified schedule to address:
 - Human Performance
 - Engineering Design Control
 - Engineering/Operations Interface
 - Emergency Preparedness
 - Corrective Action Program

NRC Followup

- Periodic inspections
- Public meetings
- Closure Letter - demonstrated improved performance

Point Beach Response and Remarks

Douglas Cooper
Senior Vice-President
Nuclear Management Company, LLC

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

Contacting the NRC

- Region III Public Affairs Officer
 - Jan Strasma or Viktoria Mitlyng
 - (630) 829-9663 or 829-9662
 - opa3@nrc.gov
- Point Beach Resident Inspector Office
 - Mike Morris, Acting Senior Resident Inspector
 - Paul Krohn, Senior Resident Inspector
 - (920) 755-2309

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)