



Prairie Island Public Meeting Substantive Cross-Cutting Issues in the Area of Human Performance



Red Wing, MN
December 14, 2010

Purpose of Today's Meeting



- The NRC asked the company to present to NRC and the public its actions to address the substantive Human Performance issues that continue to exist since they were first identified in mid 2009
- The NRC asked the company to discuss how they have addressed human performance issues, improvements made and actions still needed to resolve the issue.

Agenda



- Introduction
- Opening Remarks
- NRC Presentation
- Licensee Presentation
- Questions
- Licensee Closing Remarks
- NRC Closing Remarks
- NRC available to address public questions

NRC Representatives



- Mark Satorius, Regional Administrator
 - (630) 829-9657
- Steven West, DRP Division Director
 - (630) 829-9634
- Jack Giessner, Branch Chief
 - (630) 829-9619
- Karla Stoedter, Senior Resident Inspector
 - (651) 388-8209

NRC Performance Goals



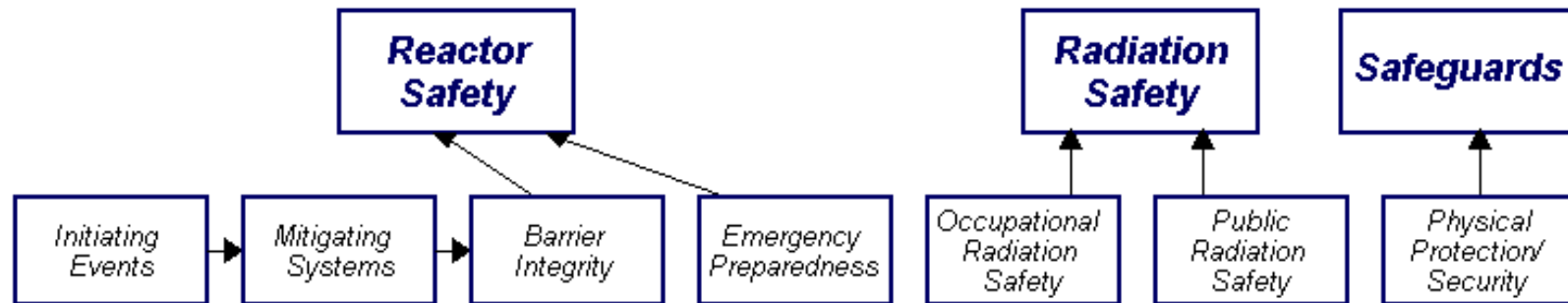
Safety

Ensure adequate protection of public health and safety and the environment

Security

Ensure adequate protection in the secure use and management of radioactive materials

Reactor Oversight Process



- 3 Strategic Performance Areas are divided into 7 Cornerstones of Safety
- Inspection Findings and Performance Indicators are assigned to a Cornerstone
- Inspection Findings can be assigned a cross-cutting aspect (a causal factor for the issue)
 - Human Performance
 - Problem Identification and Resolution
 - Safety Conscious Work Environment

Reactor Oversight Process



- There are 104 Operating Reactors in the United States
 - 86 Licensee Response Column – require no additional oversight
 - 10 Regulatory Response Column – increase in oversight
 - 8 Degraded Column – more oversight
 - 0 Multiple Degraded Column – high level of oversight
- Of the 104 Reactors, 14 have Substantive Cross-Cutting Issues

- Unit 1 is in the Licensee Response Column (Column I)
- Unit 2 transitioned from the Regulatory Response Column (Column II) back to Column I on November 24, 2010 after successfully completing an inspection for a previous White Finding which involved the failure to adequately protect a safety system from damage

What is a Cross-Cutting Issue?



U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

- Start with a finding
- Finding might involve a Cross-Cutting Issue
 - Aspects of performance which demonstrate attitudes or behaviors that affect many areas of the plant
 - A major contributing factor causing the issue
 - NOT violations of NRC requirements
 - Receive significant NRC attention and must be addressed

What is a Substantive Cross-Cutting Issue (SCCI)?

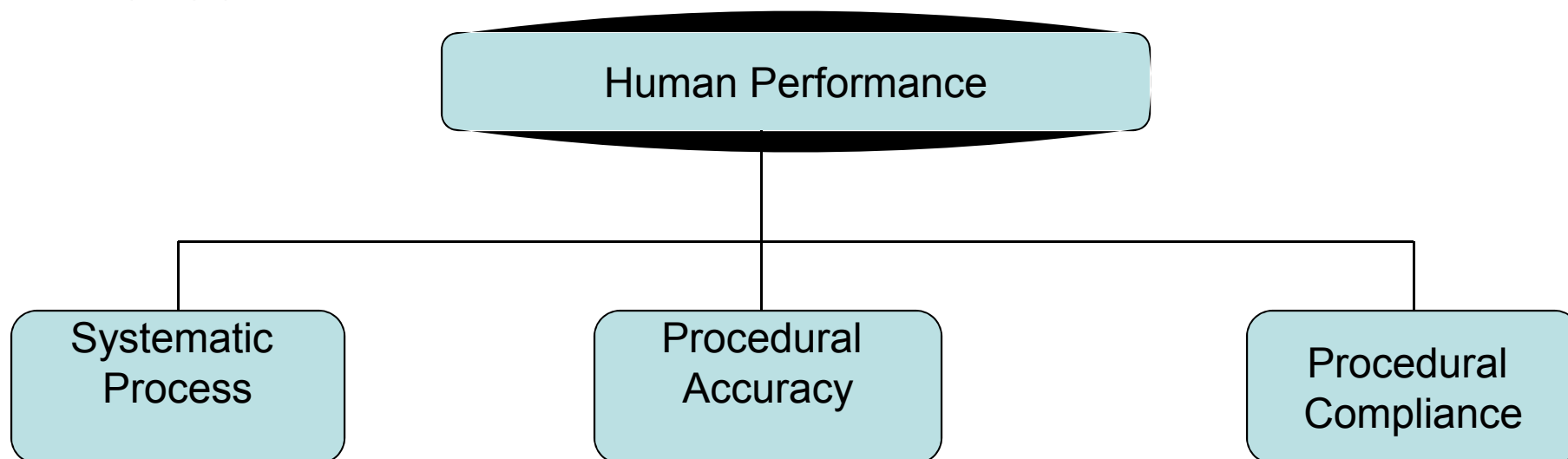


- When four or more findings share a common cross-cutting aspect in a year
 - NRC identifies it as a trend
 - NRC determines if the plant is taking adequate action
 - NRC documents it
 - NRC expects the plant to resolve the issue

Substantive Cross-Cutting Issue at Prairie Island



- For the 2010 Mid-Year Assessment, the NRC identified an SCCI in the Human performance area



Substantive Cross-Cutting Issue at Prairie Island – What We See



- Plant has had human performance issues for over 1 year
- Plant has taken actions to address these Human Performance issues
- NRC has seen improvement based on:
 - Fewer violations, items with cross-cutting aspects
 - People who operate and maintain the plant are focusing on actions to enhance their performance
 - Observations by NRC inspectors who have noted plant personnel placing better focus on their actions
- NRC still has concerns
 - Sustainability

NRC's Actions



- Conducted additional meetings with the licensee
- Reviewed the independent safety culture assessment of the plant
- Will continue to focus inspections in the area of Human Performance
- Will perform a comprehensive review of human performance issues and document in the NRC's assessment of plant performance for year 2010

- The cross-cutting issue will be resolved when the number of findings with the same cross-cutting aspect goes down and the NRC has confidence that improvement will be sustained going forward

Licensee Response



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Northern States Power Company, Minnesota
Representatives



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Closing Comments



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**Questions and Comments from
members of the public**

Contacting the NRC



- For general information or questions:
 - www.nrc.gov
 - Select “About NRC” then “Locations” to contact Region III
- To report a safety concern:
 - (800) 695-7403
 - Allegation@nrc.gov
- To report an emergency:
 - (301) 816-5100 (collect calls accepted)

Reference Sources



- Reactor Oversight Process
 - Select “Nuclear Reactors” then “Operating Reactors” from NRC website menu
- Public Electronic Reading Room
 - Link on the left menu of NRC homepage
- Public Document Room
 - 1-800-397-4209 (Toll Free)
- Region III Public Affairs
 - Viktoria Mitlyng (630) 829-9662
 - Prema Chandrathil (630) 829-9663