



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

June 20, 2016

LICENSEE: Northern States Power Company, Minnesota

FACILITY: Monticello Nuclear Generating Plant

SUBJECT: SUMMARY OF THE MAY 26, 2016, MONTICELLO PUBLIC MEETING

On May 26, 2016, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting at the Albertville Community Center in Albertville, Minnesota, to discuss the 2015 annual assessment results for Monticello Nuclear Generating Plant. Enclosure 1 is a list of attendees for the meeting. Enclosure 2 is a copy of the slides used by the NRC's staff during the meeting and Enclosure 3 is a copy of the slides used by the licensee.

At the meeting, the NRC provided an overview of the reactor oversight program, the results of the 2015 annual assessment for Monticello, and the NRC's inspection plans for 2016. The NRC's presentation was followed by statements from the Monticello Site Vice President and other site management which included site priorities regarding human performance and equipment reliability.

After the business part of the meeting ended, NRC and Monticello representatives listened to comments and addressed several questions from the public.

/RA/

Kenneth Riemer, Chief
Branch 2
Division of Reactor Projects

Docket No. 50-263
License No. DPR-22

Enclosure:

1. Meeting Attendance List
2. NRC Slides
3. Licensee Slides

cc: Distribution via LISTSERV®

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DATE	06/20/16	06/20/16			

OFFICIAL RECORD COPY

Memorandum from Kenneth Riemer dated June 20, 2016

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DISTRIBTUION:

Jeremy Bowen

RidsNrrDorlLpl3-1 Resource

RidsNrrPMMonticello

RidsNrrDirslrib Resource

Cynthia Pederson

Darrell Roberts

Richard Skokowski

Allan Barker

Carole Ariano

Linda Linn

DRPIII

DRSIII

MONTICELLO 2015 PERFORMANCE ASSESSMENT MEETING

May 26, 2016

MEETING ATTENDANCE LIST

U.S. Nuclear Regulatory Commission

C. Pederson
J. Lara
K. Riemer
P. LaFlamme
P. Zurawski
D. Krause

Northern States Power Company

P. Gardner
K. Scott
H. Hanson
M. Lingenfelter

Members of the Public

S. Ray
K. O'Connell
S. Morse

Monticello Nuclear Generating Plant Annual Assessment Meeting

2015 Reactor Oversight Process
Nuclear Regulatory Commission – Region 3



Agenda



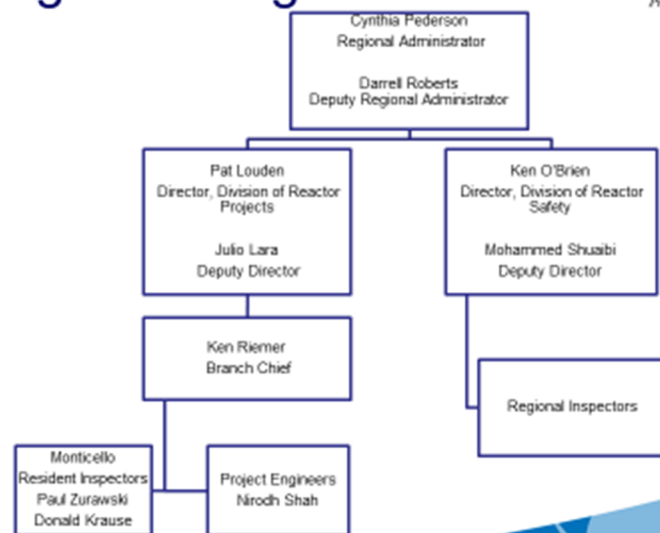
- Introduction
- Reactor Oversight Process
- Industry Performance
- Monticello Performance Results
- Xcel Energy Response and Remarks
- NRC Closing Remarks
- Public Questions to NRC

Meeting's Purpose



- Public forum for discussion of Monticello's performance in 2015
- NRC will address the performance issues identified in the annual assessment
- Xcel Energy will be given the opportunity to respond and inform the NRC of new or existing programs to maintain or improve performance

Region III Organization



What We Do



Safety



Security



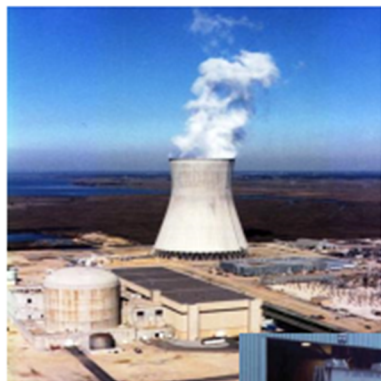
Environment



What We Regulate



Reactors



Materials



Waste



What We Don't Regulate



Military



Radon



X-Rays



Assurance of Plant Safety



Continuous Training

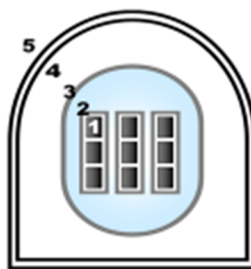


Long-Term Maintenance

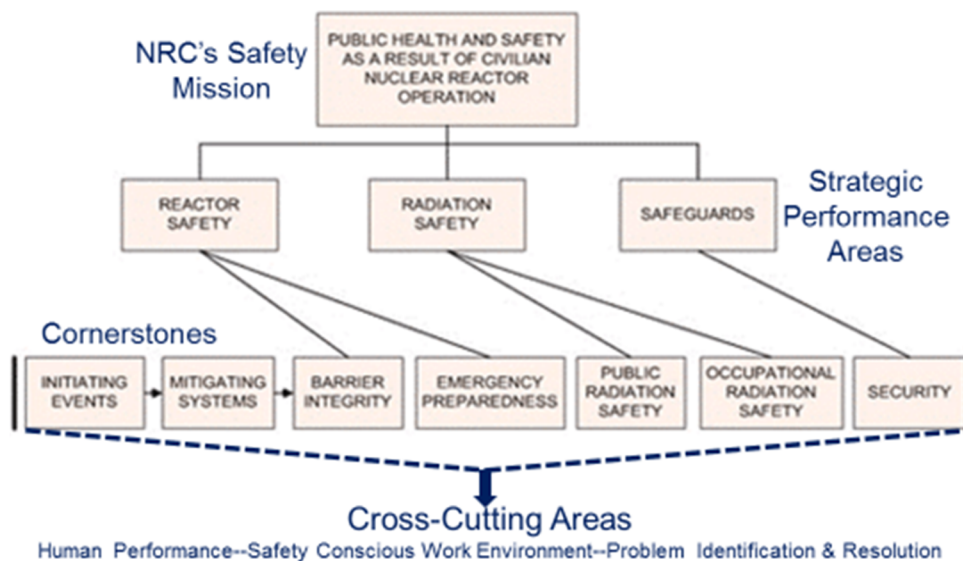


Regulation Compliance

Defense In-Depth



Regulatory Framework



Performance Indicators



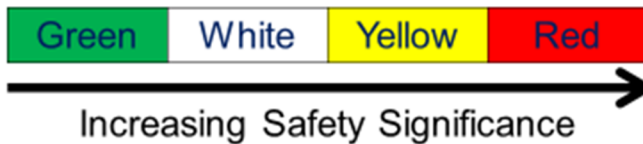
- 17 Performance Indicators (PI)
- PI's for each cornerstone
- Licensee submits data to NRC quarterly
- Inspection program verifies accuracy
- Data available on NRC website



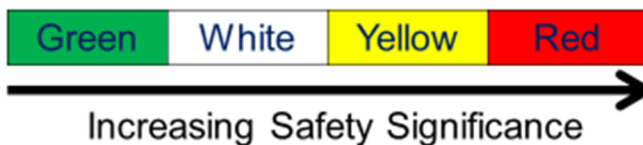
Significance Threshold



Performance Indicators



Inspection Findings



Action Matrix Columns



Licensee Response (Column 1)	Regulatory Response (Column 2)	Degraded Performance (Column 3)	Multiple/Repetitive Degraded Cornerstone (Column 4)	Unacceptable Performance (Column 5)
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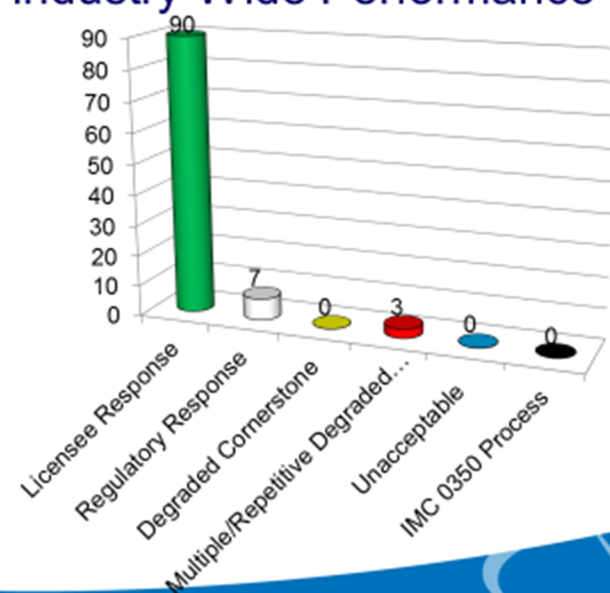
Increasing:

- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action

Industry-Wide Performance



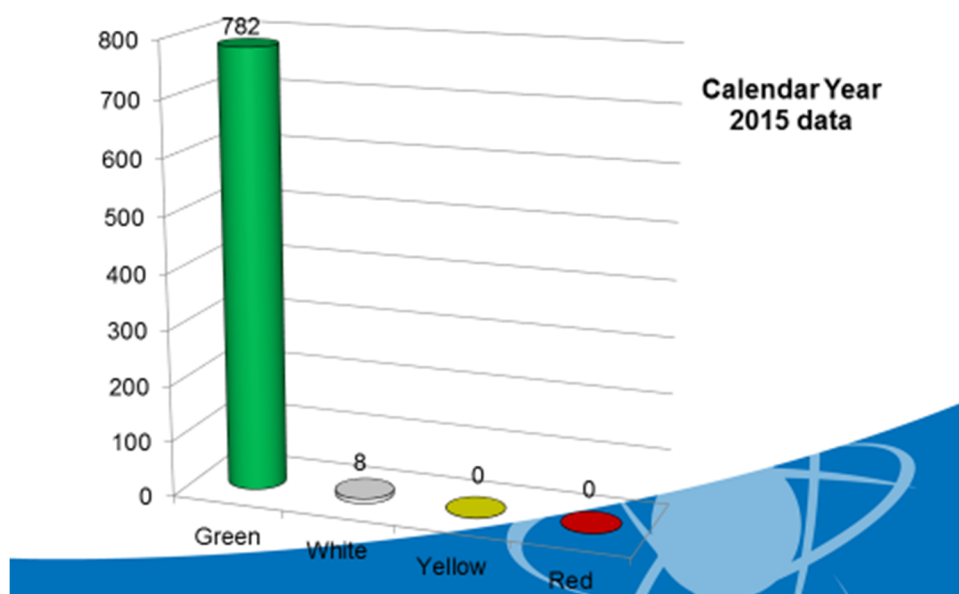
Calendar Year
2015 data



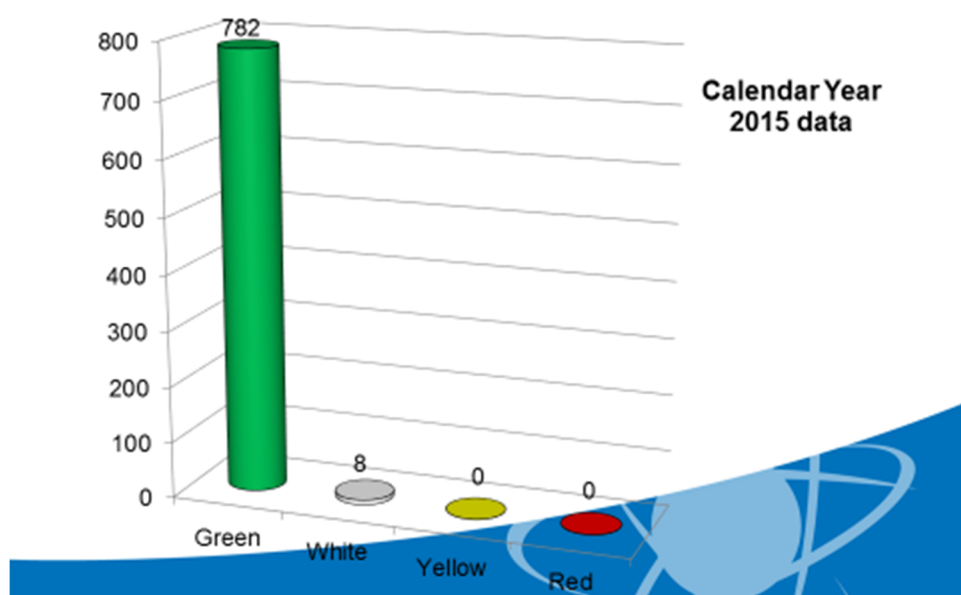
Industry-Wide Inspection Findings



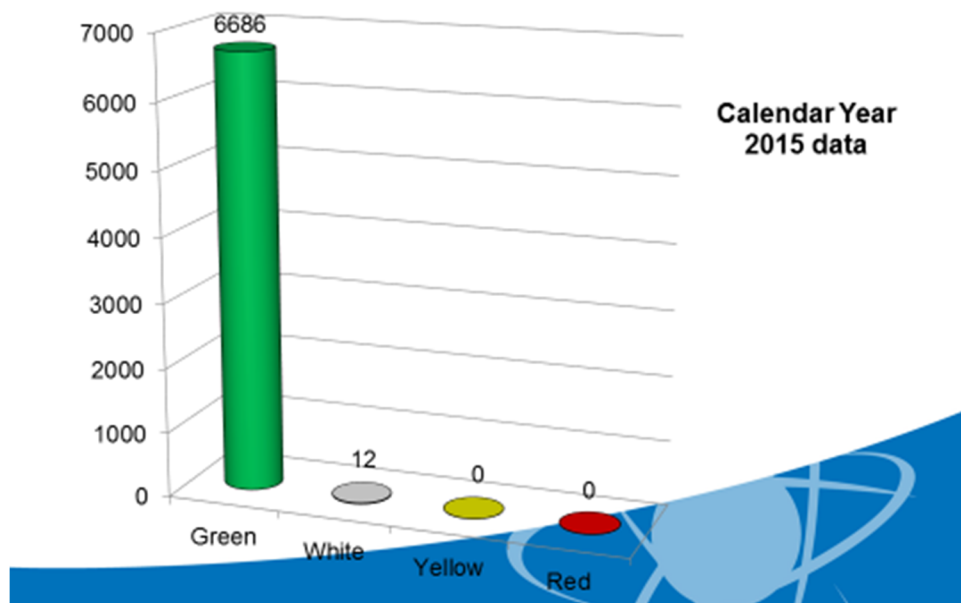
Calendar Year
2015 data



Industry-Wide Inspection Findings




Industry-Wide Performance Indicators




NRC Annual Assessment Summary

Monticello Nuclear Generating Plant

- Xcel Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
 - All performance indicators were green in 2015.
 - All cornerstone objectives were met with only one greater-than-green (GTG) finding identified in 4th quarter of 2014.
- 

NRC Annual Assessment Summary

Monticello Nuclear Generating Plant

- A Greater Than Green inspection finding in the 4th quarter 2014 combined with a 2013 open Yellow finding met the definition of Monticello being in the Multiple / Repetitive Degraded Cornerstone Column (Column 4).
 - On February 27, 2015, the NRC granted a Deviation which placed Monticello in the Regulatory Response Column (Column 2) of the NRC Action Matrix.
 - Following a successful 95001 inspection Monticello shifted from the Regulatory Response Column to the Licensee Response (Column 1) in the 4th Qtr. 2015.
- 

NRC Action Matrix Deviation Monticello Nuclear Generating Plant

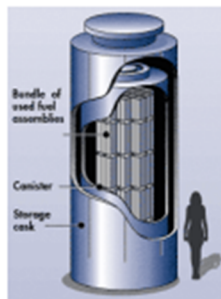


- The Deviation was based on the results of the biennial PI&R and 95002 inspections, both performed in late 2014, which showed no new performance problems since 2013. Therefore, Column 2 was more representative of performance.
- Deviation exit criteria includes the successful completion of a human performance assessment. NRC inspection of this assessment is scheduled for June 2016.

Dry Storage Canister Issue Monticello Nuclear Generating Plant



- In Oct 2013 the NRC Resident Inspector noted a failure to perform required NDE correctly on a spent fuel dry storage canister.
- Scope of the issue discovered to include 6 canisters, one in the reactor building and five on ISFSI pad.
- Xcel Energy has submitted an exemption requests to the NRC, currently under NRC review.
- In Dec 2015 the NRC issued a confirmatory order to restore compliance of all six canisters and complete corrective actions.



2016 NRC Inspection Activities Monticello Nuclear Generating Plant



- The NRC plans normal baseline inspections in 2016.
- ~2900 hours of inspection and related activities
- 2 resident inspectors on site – residents make four quarterly inspections per year and walk through the plant every day
- 2 major team inspections
 - PI&R Inspection
 - Safety Culture Assessment



Xcel Energy Response and Remarks

Pete Gardner

Site Vice President, MNGP

End of Presentation

Nuclear Regulatory Commission
Region III
Monticello, MN

May 26th, 2016



NRC Public Meeting



Monticello Presenters

- Pete Gardner, Site Vice President
- Kent Scott, Site Operations Director
- Harlan Hanson, Plant Manager
- Mark Lingenfelter, Site Engineering Director

Introduction



Human Performance

- The significance and frequency of site HU issues continues to go down
- Independent safety culture assessment with a focus on human performance has been completed
- NRC assessment is scheduled for June 6th
- Focus Areas
 - Develop our team's skills and capabilities
 - Risk management and execution of maintenance

Equipment Reliability

- Priorities
 - Safety System (Mitigating System) Reliability
 - Generating System (Initiating Event) Reliability
- Focus Areas
 - Right Maintenance on Right Equipment
 - Long Term Asset Management Plans
 - Leverage Worker Engagement

Summary

- Site Vice President's Closing Remarks

