



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

June 10, 2008

Stewart B. Minahan, Vice
President-Nuclear and CNO
Nebraska Public Power District
72676 648A Avenue
Brownville, NE 68321

SUBJECT: SUMMARY OF ANNUAL PERFORMANCE ASSESSMENT MEETING WITH
NEBRASKA PUBLIC POWER DISTRICT REGARDING COOPER NUCLEAR
STATION

Dear Mr. Minahan:

This refers to the meeting conducted at the Brownville Concert Hall in Brownville, Nebraska, on June 2, 2008. The purpose of this meeting was to present the Nuclear Regulatory Commission's (NRC's) assessment of Cooper Nuclear Station's safety performance between January 1 and December 31, 2007. The attendance list and the NRC's and Nebraska's Public Power District's presentation slides are enclosed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Deese".

Richard Deese, Chief
Project Branch C
Division of Reactor Projects

Docket: 50-298
License: DPR-46

Enclosures:

1. Attendance List
2. NRC and NPPD Presentation Slides

cc w/enclosures:

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Monty Lovelace, Commissioner, District 2
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Dick Hainje, Regional Director
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NRC PUBLIC MEETING ATTENDANCE

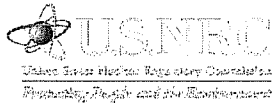
LICENSEE/FACILITY	Cooper Nuclear Station
DATE/TIME	6/2/2008 4:00PM
LOCATION	Brownville Concert Hall, Brownville, NE
NAME (PLEASE PRINT)	ORGANIZATION
Rick Deese	NRC - Region IV
Tom Carson	Cooper
Dave O'Sllo	Cooper
Bus Chapin	Cooper
Steve Jordan	World-Herald
MIKE BOYCE	Cooper
GENE MACE	COOPER
Dave Van Der Kerk	Cooper
Mark Becker	NPPD-60
Ryan Hansen	NPPD-60
Bryan Seidl	NPPD
Ron Arche	NPPD
Alan Dostal	NPPD

NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Cooper Nuclear Station
DATE/TIME	6/2/2008 4:00PM
LOCATION	Brownville Concert Hall, Brownville, NE
NAME (PLEASE PRINT)	ORGANIZATION
Mike Tackett	NPPD
TODD HOTTOBY	NPPD
Meshelle Boruch	NPPD
Jerm, Bebb	NPPD
Sheryl Bebb	NPPD
PAUC FREMING	PUBLIC
John Austin	NPPD
Dave Warner	NPPD
DAN Sealock	NPPD
JODI Furr	NPPD
Deet Willis	NPPD
Jeff Schwarting	NPPD
Fod Pentfield	NPPD

NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Cooper Nuclear Station
DATE/TIME	6/2/2008 4:00PM
LOCATION	Brownville Concert Hall, Brownville, NE
NAME (PLEASE PRINT)	ORGANIZATION
Roman Estrada	NPPD
Darrell Wellman	Auburn Newspapers
Floyd Gilzario	Mo DNR
Brenda Kirkpatrick	Cooper.
S. Minahan	NPPD
M. Colomb	NPPD
G. Kline	NPPD
D. Chamberlain	NRC
N. Taylor	NRC
M. Chambers	NRC
V. Dricks	NRC



Cooper Nuclear Station Annual Assessment Meeting

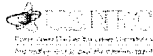
Reactor Oversight Program - CY 2007

Nuclear Regulatory Commission - Region IV
Brownville, Nebraska
June 2, 2008



Purpose of Today's Meeting

- A public forum for discussion of Cooper Nuclear Station's performance in CY 2007
- The NRC will address the licensee performance issues as identified in the annual assessment letter in March 2008
- The Licensee will be given the opportunity to respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance



Agenda

- Introductions
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Break
- NRC available to address public questions

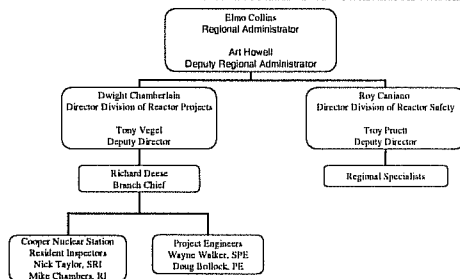


NRC Representatives

- Dwight Chamberlain, Division Director, DRP
- Richard Deese, Branch Chief
- Nick Taylor, Senior Resident Inspector
- Mike Chambers, Resident Inspector
- Sue Farmer, Site Secretary

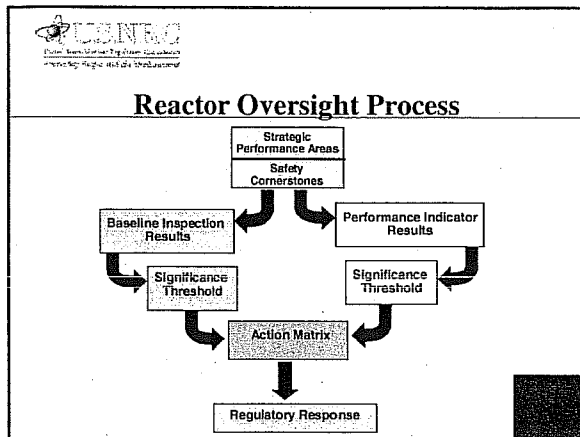


Region IV Organization



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.
- **Openness:** Ensure that NRC informs and involves, as appropriate, stakeholders in the regulatory process.
- **Effectiveness:** Ensure that NRC actions are of high quality, efficient, realistic, and to enable the safe beneficial uses of radioactive materials.
- **Timeliness:** Ensure that NRC's decision making process is well reasoned, justified, and decisions are made in a timely fashion to ensure safety and security.
- **Operational Excellence:** Ensure NRC operations use current effective business solutions to achieve excellence in accomplishing the agency's mission.



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- Examples of Baseline Inspections**
- Equipment Alignment ~80 hrs/yr
 - Triennial Fire Protection ~250 hrs every 3 yrs
 - Operator Response ~125 hrs/yr
 - Emergency Preparedness ~80 hrs/yr
 - Rad Release Controls ~110 hrs every 2 yrs
 - Worker Radiation Protection ~95 hrs/yr
 - Corrective Action Program ~250 hrs every 2 yrs
 - Corrective Action Case Reviews ~60 hrs/yr

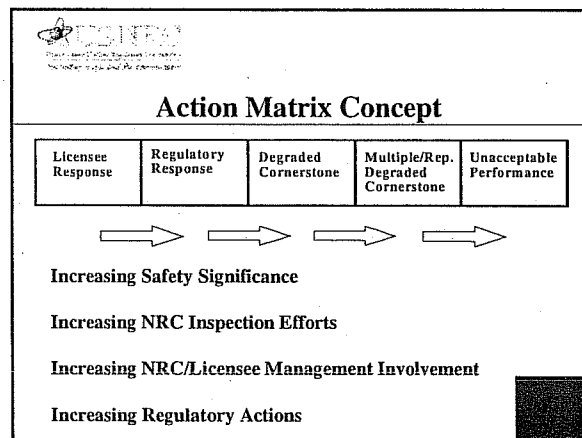
Significance Threshold

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 significance
White: Low to moderate safety significance
Yellow: Substantial safety significance
Red: High safety significance



National Summary of Plant Performance

Status at End of CY 2007

Licensee Response	87
Regulatory Response	8
Degraded Cornerstone	8
Multiple/Repetitive Degraded Cornerstone	1
Unacceptable	0
Total	104

-
- National Summary**
- Performance Indicator Results (at end of CY 2007)
 - Green 1942
 - White 8
 - Yellow 1
 - Red 0
 - Total Inspection Findings (CY 2007)
 - Green 759
 - White 9
 - Yellow 2
 - Red 0



Cooper Inspection Activities

(January 1 - December 31, 2007)

- Resident Inspectors Expended Approximately 1800 Hours Inspecting Cooper Nuclear Station in 2007
- Region Based Inspectors Expended Approximately 1900 Hours Inspecting Cooper Nuclear Station in 2007



Cooper Inspection Activities

(January 1 - December 31, 2007)

- Special Inspection for Failure of Diesel Generator #2 completed April 2007
- Triennial Fire Protection Inspection completed July 2007
- Radiation Protection Team Inspection completed July 2007
- Supplemental Inspection for White Performance Indicator and White Finding, December 2007
- PI&R inspection completed October 2007
- Component Design Basis Inspection completed November 2007



Cooper Assessment Results

(January 1 - December 31, 2007)

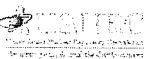
- Cooper Nuclear Station is in the Regulatory Response Column of the NRC Action Matrix
- One White finding for failure to identify and correct defective diesel generator components
- One White performance indicator for diesel generator reliability (MSPI-EAC)
- Continued Human Performance substantive cross cutting issue in the area of resources (procedural adequacy)



Cooper Annual Assessment Summary

January 1 - December 31, 2007

- Nebraska Public Power District operated Cooper Nuclear Station in a manner that preserved public health and safety
- All cornerstone objectives were met with one White inspection finding and one White performance indicator
- Additional focus on the cross-cutting issue of Human Performance
- NRC plans baseline inspections at Cooper Nuclear Station for the next assessment period



Licensee Response and Remarks

Stu Minahan
 Vice President-Nuclear and Chief Nuclear Officer
 Nebraska Public Power District

Annual Assessment Meeting

Cooper Nuclear Station
 June 2, 2008



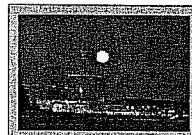
Stu Minahan

Vice President Nuclear –
Chief Nuclear Officer



Gary Kline

Director –
Engineering



Diesel Generator Reliability

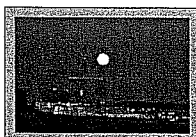
- ◆ Formal Project Team with Dedicated Resources
- ◆ Comprehensive and Systematic Re-Baseline
- ◆ Industry Expertise Engaged
- ◆ Reliability and Safety Margin Actions

Targeted End State

- ◆ Improved Safety Margin
- ◆ Improved Reliability and Availability of Diesel Generators
- ◆ Improved Skill and Standards for Engineering and Maintenance Activities
- ◆ Improved Procedures and Design Basis Documents
- ◆ Defined and Institutionalized Life Cycle Strategy to Maintain Top Performance

Mike Colomb

General Manager –
Plant Operations



Human Performance

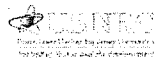
- ◆ Overall Focus on Human Performance (HU)
- ◆ Outage
 - Pre-Outage Preparation
 - HU Refresher Training
 - All Hands Message
 - Safety/Radiation Protection
 - Outage Performance
 - Personnel Contamination Events
 - Improvement in Significant/Consequential HU Events
 - No Reportable Events/Conditions

Substantive Cross Cutting Issue – Procedural Adequacy

- ◆ Procedure Rewrites
 - Valve Procedures
 - Torquing Procedures
- ◆ QA Surveillance
- ◆ Procedure Reviews
 - Actions Taken
 - Actions Planned
- ◆ Work Package Planning
- ◆ Results

Closing Remarks

Stu Minahan



NRC Closing Remarks

Dwight Chamberlain
Director
Division of Reactor Projects



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



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)