



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

June 9, 2010

Brian O'Grady, Vice President -
Nuclear and CNO
Nebraska Public Power District
72676 648A Avenue
Brownville, NE 68321

SUBJECT: SUMMARY OF ANNUAL PERFORMANCE ASSESSMENT MEETING FOR
COOPER NUCLEAR STATION

Dear Mr. O' Grady:

This refers to the meeting conducted in Brownville, Nebraska, on June 2, 2010, to discuss the safety performance at the Cooper Nuclear Station between January 1 and December 21, 2009.

Topics discussed during the meeting included the Reactor Oversight Process and the safety performance at Cooper Nuclear Station. Members of the public present at the meeting were allowed to ask questions and comment on the proceedings.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document 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,

/RA/

Vincent Gaddy, Chief
Project Branch C
Division of Reactor Projects

Docket: 50-298
License: DPR-46

Enclosure:

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

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Nuclear Asset Manager
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Nemaha County Courthouse
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Auburn, NE 68305

Julia Schmitt, Manager
Nebraska Department of Health
and Human Services
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Director, Missouri State Emergency
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Kansas Department of Health
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Radiation Control Program Director
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Iowa Department of Public Health
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Des Moines, IA 50319

John F. McCann, Director, Licensing
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Entergy Nuclear Operations, Inc
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Keith G. Henke, Planner
Division of Community and Public Health
Office of Emergency Coordination
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Art Zaremba
Director of Nuclear Safety Assurance
Nebraska Public Power District
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Brownville, NE 68321

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and Chief Executive Officer
Nebraska Public Power District
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 Acting Deputy Regional Administrator (Art.Howell@nrc.gov)
 DRP Director (Dwight.Chamberlain@nrc.gov)
 DRP Deputy Director (Anton.Vegel@nrc.gov)
 DRS Director (Roy.Caniano@nrc.gov)
 DRS Deputy Director (Troy.Pruett@nrc.gov)
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 Resident Inspector (Michael.Chambers@nrc.gov)
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 OEmail Resource
 OEDO RIV Coordinator, (Leigh.Trocine@nrc.gov)
 ROPreports

File located: R_Reactors\EOC 2009-2010\CNS MS 060210.doc

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	VG
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	VG
C:DRP/C					
VGaddy					
/RA/					
6/9/10					

OFFICIAL RECORD COPY

T=Telephone

E=E-mail


F=Fax

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station		
DATE/TIME	June 2, 2010 4:00 pm		
LOCATION	Brownville Concert Hall Brownville, NE		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Art ZAREMBA	NPPD	402-825- 2774	
Gene MACE	NPPD	402-825- 5236	
GARY THOMPSON	NPPD	402-223-5678	
Brian O'Grady	Entegy		
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Morgan Kramer	NEMA	402-471- 7408	
Robert Beilke	NPPD	402-825- 5372	
Traci Bender	NPPD	402-563- 5459	
Beckie Cromer	Falls City EDGE	402-245- 2105	director@ falls-city-edge.com
Alan L Dostel	NPPD	(402) 563-5670	
John C. McClure	NPPD	402 563-5713	
Troy S. Barker	NPPD	402-825- 5027	
Dave Oshtio	NPPD	402-825- 5201	

END-OF-CYCLE MEETING ATTENDANCE


LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station		
DATE/TIME	June 2, 2010 4:00 pm		
LOCATION	Brownville Concert Hall Brownville, NE		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Jeanne Schieller	NPPD		
Dan Buman	NPPD		
Bob Penfield	NPPD		
Julia Schmitt	NE DHHS		
David Van DerKam	NPPD		
JANE BEETEM	MDNR		
RICHARD VLACH	WEMAHA Co.E.M.A.		
LINDA DEWHIRST	NPPD		
ROMAN ESTRADA	NPPD		
Karen Gendler	NPPD		



**Cooper Nuclear Station
Annual Assessment
Meeting**


Reactor Oversight Program - 2009

Nuclear Regulatory Commission - Region IV
Brownville, NE
June 2, 2010



Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance in CY 2009
- NRC will address the performance issues identified in the annual assessment letter dated March 3, 2010
- The licensee will be given the opportunity to respond and inform the NRC of new or existing programs to maintain or improve performance



Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Questions and Answer Session



NRC Representatives

- Dwight Chamberlain, Director, Division of Reactor Projects
(817) 860-8248
- Vince Gaddy, Branch Chief
(817) 860-8144
- Nick Taylor, Sr. Resident Inspector
(402) 825-3371
- Mike Chambers, Resident Inspector
(402) 825-3371
- Rayo Kumana, Project Engineer
(817) 860-8185

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Protecting People and the Environment



NRC Performance Goals

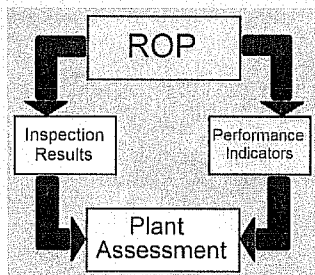
- **Safety:** Ensure adequate protection of public health and safety and the environment.
- **Security:** Ensure adequate protection in the secure use and management of radioactive materials.

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Reactor Oversight Process



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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

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Significance Threshold

Performance Indicators

- Green:** Only Baseline Inspection
White: Increases NRC oversight
Yellow: Increases NRC oversight
Red: Increases NRC oversight

Inspection Findings

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

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Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance
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Increasing Safety Significance


Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

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National Summary of Plant Performance

Status as of 12/31/2009

Licensee Response	79
Regulatory Response	24
Degraded Cornerstone	1
Multiple/Repetitive Deg. Cornerstone	0
Unacceptable	0
Total	104

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CNS Inspection Activities

January 1 - December 31, 2009

- Baseline Inspection Program
- Refueling Outage in 3rd quarter
- Supplemental Inspection (IP 95001) completed in June 2009
 - White Performance Indicator – Electrical AC Power

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CNS Assessment Results

January 1 - December 31, 2009

- Nebraska Public Power District operated CNS in a manner that preserved public health and safety.
- CNS operated in the Regulatory Response Column of the NRC Action Matrix for the first two quarters.

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CNS Assessment Results

January 1 - December 31, 2009

- Supplemental Inspection (IP 95001) in June 2009. CNS returned to the License Response Column in 3rd qtr 2009.
 - White Performance Indicator related to fuel oil transfer system problem with an emergency diesel generator in October 2008 – Closed in 2nd qtr 2009.
- NRC plans baseline inspections at CNS for 2010

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Substantive Cross-Cutting Issue

January 1 - December 31, 2009

- Substantive cross-cutting issue
 - Human Performance, related to human error prevention techniques
- CNS has communicated course of action
- NRC will verify corrective actions

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Licensee Response and Remarks

Comments from Nebraska Public Power District

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NRC Remarks

Dwight Chamberlain
Director
Division of Reactor Projects

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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

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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)

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Annual Assessment Meeting

Cooper Nuclear Station
June 2, 2010



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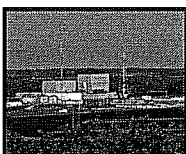
Agenda

- Introduction Brian O'Grady, VP/CNO
- Human Performance Art Zaremba, DNSA
- Equipment Reliability Rod Penfield, Operations Manager
- Closing Remarks Brian O'Grady, VP/CNO

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Brian O'Grady

Vice President – Chief Nuclear Officer

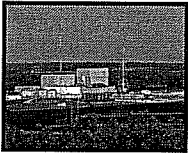


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Introduction

- Standards of Performance
- Behaviors/Accountability
- Work Practices
- Outage Performance
- Equipment Reliability

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Art Zarembo

Director of Nuclear
Safety Assurance

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Human Performance

- Standards and Expectations
 - Safety Culture Principles
 - Leadership Engagement
 - Accountability

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Human Performance

- Training and Human Error Prevention
 - Situational Awareness
 - Entergy Fleet Involvement
 - Flow Loop Simulator
 - Results

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Human Performance

- Behaviors
 - Human Performance Review Boards
 - Supervisor Assessments
 - Crew Management Review Meetings
 - Shift Manager Alignment/Mentors

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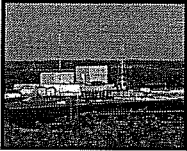
Human Performance

- Work Management
 - Outage Performance
 - Performance Indicators
 - Work Hours/Resource Loading
 - Accountability

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Rod Penfield

Operations Manager



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Equipment Reliability

- Diesel Generators
- Current Issues
- Operational Focus

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Closing Remarks

Brian O'Grady



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