



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-4005

February 3, 2005

Randall K. Edington, Vice  
President-Nuclear and CNO  
Nebraska Public Power District  
P.O. Box 98  
Brownville, NE 68321

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

Dear Mr. Edington:

This refers to the meeting conducted at the Brownville Concert Hall in Brownville, Nebraska, on January 25, 2005. The purpose of this meeting was to present the Nuclear Regulatory Commission's (NRC's) assessment of Cooper Nuclear Station actions associated with the confirmatory action letter (CAL 4-03-001) issued on January 30, 2003. The attendance list and the NRC's and Nebraska 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 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).

Sincerely,

Michael C. Hay, Chief  
Project Branch C  
Division of Reactor Projects

Docket: 50-298  
License: DPR-46

Enclosures:

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

cc w/enclosures:

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and General Counsel  
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P. V. Fleming, Licensing Manager  
Nebraska Public Power District  
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Chairman  
Nemaha County Board of Commissioners  
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Sue Semerena, Section Administrator  
Nebraska Health and Human Services System  
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Chief, Radiation and Asbestos  
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Kansas Department of Health  
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William J. Fehrman, President  
and Chief Executive Officer  
Nebraska Public Power District  
1414 15th Street  
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Jerry C. Roberts, Director of  
Nuclear Safety Assurance  
Nebraska Public Power District  
P.O. Box 98  
Brownville, NE 68321

ENCLOSURE 1

ATTENDANCE LIST

# NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station
DATE/TIME	January 25, 2005; 7:00 p.m.(CST)
LOCATION	Brownville Concert Hall Brownville, Nebraska
NAME (PLEASE PRINT)	ORGANIZATION
Jim Florence	COOPER - NPPD
George Levy	CNS - NPPD
Gary Stuchel	Brownville Resident
Traci Bender	CNS - NPPD
Abdul Destel	NPPD
Daniel Williams	Auburn Newspaper
B Briesch	NPPD Columbus
Glenn Kueyler	Pres City Council Auburn
Paul Williams	AUBURN DEVELOPMENT
TOM STEVENS	NPPD - Cooper
Jim Dietz	Auburn Board of Public Works
Richard K. Lacy	AUBURN B P W.
Bryan Cook	NEMA

# NRC PUBLIC MEETING ATTENDANCE

<b>LICENSEE/FACILITY</b>	Nebraska Public Power District Cooper Nuclear Station
<b>DATE/TIME</b>	January 25, 2005; 7:00 p.m.(CST)
<b>LOCATION</b>	Brownville Concert Hall Brownville, Nebraska
<b>NAME (PLEASE PRINT)</b>	<b>ORGANIZATION</b>
PAUL V. FLEMING	COOPER NUCLEAR STATION
GEORGE P. WAGNER	CITIZEN
DAVID MONTGOMERY	NPPD
PIERRE INGOLD	CONSULTANT
ROMAN ESTRADA	NPPD - CNS
MICHAEL HAMMER	CITIZEN
NANCY GAARDER	OMAHA WORLD-HERALD
Kim Dahlberg	NPPD
Jerry Behls	NPPD
AL LAUKAITIS	JOURNAL STAR
Marv Ruff	Cooper Station
PAT CONNOR	CITIZEN
Jeff Mahan	Cooper

# NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station
DATE/TIME	January 25, 2005; 7:00 p.m.(CST)
LOCATION	Brownville Concert Hall Brownville, Nebraska
NAME (PLEASE PRINT)	ORGANIZATION
Serry C Roberts	Cooper
Trent Nelson	New Press
BRUCE C. THOMAS	COOPER
JOHN CHANEY	AUBURN STATE BANK
Bob Engle's	Mayor, Auburn, NE.
Lakshmi Wheldon	Brownville, Ne
JAMES T. WEBSTER	James T. Webster

ENCLOSURE 2

NRC PRESENTATION SLIDES

**NUCLEAR REGULATORY  
COMMISSION MEETING  
WITH  
NEBRASKA PUBLIC POWER  
DISTRICT**



**January 25, 2005**



**Meeting Purpose**

- **Status of NRC Confirmatory Action Letter**
- **Calendar Year 2005 NRC oversight activities at Cooper Nuclear Station**
- **NPPD's perspectives on current/future performance initiatives**



**NRC Meeting Guidelines**

- **Registration Table**
- **Questions and Answers**
- **Handouts**
- **Feedback Forms**



**Meeting Agenda**

- **Background**
- **NPPD Actions**
- **NRC Actions**
- **NRC Assessment**
- **NPPD Response**
- **Questions and Answers**



**NRC Personnel**

<b>Bruce Mallett</b>	<b>Regional Administrator</b>
<b>Art Howell</b>	<b>Director, Division of Reactor Projects (DRP)</b>
<b>Kriss Kennedy</b>	<b>Chief, Branch C, DRP</b>
<b>Steve Cochrum</b>	<b>Senior Resident Inspector Cooper Nuclear Station</b>



**NRC Personnel**

<b>Mike Hay</b>	<b>Senior Resident Inspector Waterford 3</b>
<b>Victor Dricks</b>	<b>Region IV Public Affairs Officer</b>



## **NPPD Introduction**



## **Overview**

- **NPPD completed the Improvement plan actions described in the Confirmatory Action Letter at Cooper Nuclear Station**
- **Improvement plan actions have resulted in improved performance at Cooper Nuclear Station**
- **NRC will close the Confirmatory Action Letter**
- **Future focus of NRC oversight at Cooper**



## **Confirmatory Action Letter**

- **Issued January 2003**
- **Confirmed NPPD commitments regarding completion of Strategic Improvement Plan actions**
- **Addresses long-standing performance issues**
  - **Emergency preparedness**
  - **Human performance**
  - **Material condition and equipment reliability**
  - **Plant modifications and configuration control**
  - **Corrective action program**
  - **Engineering programs**



## **Confirmatory Action Letter**

- **Includes over 250 actions from Cooper's Strategic Improvement Plan**
- **CAL Items scheduled for implementation through March 2004**



## **NPPD Actions**

- **Implemented The Strategic Improvement Plan at Cooper Nuclear Station**
- **Conducted self-assessment to determine readiness to close CAL (May 2004)**
- **Informed NRC of readiness for closure of CAL (September 2004)**



## **NRC Oversight Activities**

- **Quarterly team inspections**
- **Baseline inspections**
  - **Corrective action program**
  - **Engineering**
  - **Resident Inspectors**
  - **Emergency Preparedness**
- **Observed NPPD CAL self-assessment and conducted follow-up inspection**
- **Public meetings**



## **NRC Actions**

- Closed 3 white NRC inspection findings in Emergency Preparedness – July 2004
- Maintained increased regulatory oversight pending completion of CAL commitments and demonstrated sustained improvement



## **NRC CAL Assessment Criteria**

- Completion of CAL actions
- Improved performance at Cooper
- Actions adequately addressed causes for long-standing performance issues
- Programs in place to sustain improved performance



## **NRC Conclusions**

- NPPD completed CAL actions
  - Verified during quarterly CAL inspections
- Performance improved in the six areas addressed in the CAL based on results of:
  - NPPD CAL self-assessment
  - NRC inspections
- Improved standards and expectations
- Processes and programs in place to sustain improved performance
- Actions adequately addressed causes for long-standing performance issues



## **NRC Oversight**

- With closure of CAL, level of NRC oversight will be reduced – Regulatory Response Column
- Performance in six CAL areas will be a focus of NRC baseline inspections
  - Verify completion of major actions remaining from improvement plan
  - Verify that improved performance is sustained



## **NRC Oversight**

- Routine Resident and Region-based baseline inspections
- Corrective Action Program Team Inspection – May 2005
- Engineering Team Inspection – June 2005
- Public Meeting – mid-year 2005



## **NPPD RESPONSE**



## **NRC CLOSING REMARKS**



## **Contacting the NRC**

### **Report an Emergency:**

- (301) 816 - 5100 (collect)

### **Report a Safety Concern:**

- (800) 895 - 7403 or
- [Allegation@nrc.gov](mailto:Allegation@nrc.gov)

### **General information or questions:**

- [www.nrc.gov](http://www.nrc.gov)

### **Select "What we do" for Public Affairs**

### **For additional information:**

#### **Regional Public Affairs Officer**

- Victor Dricks
- (817) 860 - 8128

#### **State Liaison Officer**

- William (Bill) Maier
- (817) 860 - 8267



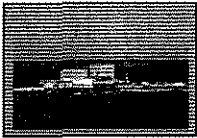
## **Questions and Answers**

**ENCLOSURE 3**

**NPPD PRESENTATION SLIDES**

## Confirmatory Action Letter Public Meeting

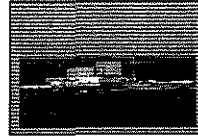
Cooper Nuclear Station  
January 25, 2005



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## Introduction

Randy Edington  
Vice President-Nuclear,  
Chief Nuclear Officer



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## Agenda

- |                                |                |
|--------------------------------|----------------|
| ◆ Introduction                 | Randy Edington |
| ◆ Equipment Reliability        | Gary Kline     |
| ◆ Corrective Action<br>Program | Stu Minahan    |
| ◆ Human Performance            | Stu Minahan    |
| ◆ Summary                      | Randy Edington |
| ◆ Closure                      | Bill Fehrman   |

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## Introduction

- ◆ Six CAL Areas
  - Emergency Preparedness
  - Engineering Programs
  - Plant Modifications & Configuration Control
  - Material Condition & Equipment Reliability
  - Corrective Action Program
  - Human Performance

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## Introduction Why CNS is Different Today

- ◆ Fundamental Shift at CNS
  - CEO Involvement
  - NPPD Board Involvement
  - Entergy Fleet Affiliation
  - Management Stability
  - License Extension

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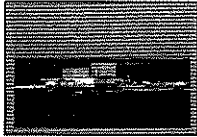
## Introduction

Recognize where we have been,  
  
Emphasize where we are and  
where we are going!

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## Equipment Reliability

Gary Kline  
Director of Engineering



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## Equipment Reliability

- ◆ Current Performance
- ◆ Near Term Initiatives and Focus
- ◆ Long Term Strategy and Performance

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## Equipment Reliability

- ◆ Current Performance
  - Cycle 22 Improved Performance
  - Refueling Outage Scope (RE22)
  - Established Foundation
  - Behaviors, Focus, Beliefs

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## Equipment Reliability

- ◆ Near Term Initiatives and Focus
  - Raise Standards on Program and System Health
  - Establish Zero Tolerance Program
  - New Technologies for Equipment Monitoring
  - RE23 Scope with Significant Reliability Mods and AP-913 Results
  - Single Point Vulnerability Pilot Project
  - Establish a Design Margin Recovery Plan
  - Entergy Fleet Equipment Reliability Initiatives

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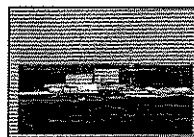
## Equipment Reliability

- ◆ Long Term Strategy and Performance
  - Multi-cycle Refurbishment and Modification Plan
  - Establish Life Cycle Maintenance Plan for Major Components
  - High Standards for Plant Material Condition
  - Highly Developed Ability to Evaluate and Correct New Issues

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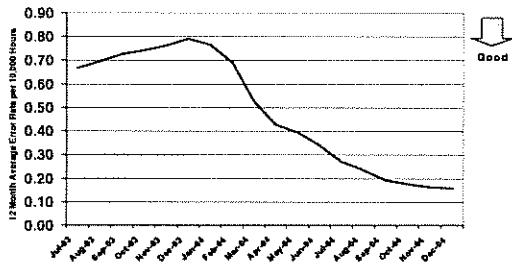
## Human Performance

Stu Minahan,  
General Manager of  
Plant Operations



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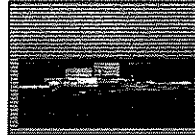
## Human Performance Error Rate



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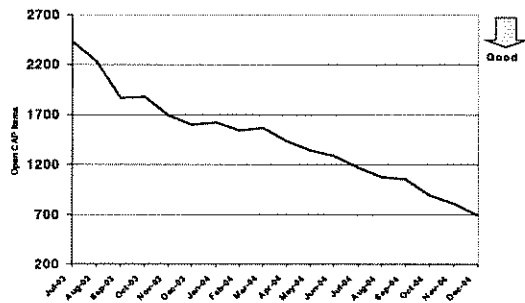
## Corrective Action Program

Stu Minahan  
General Manager of  
Plant Operations



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## CAP Open Items



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## Summary

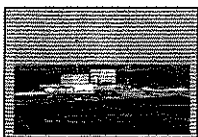
Randy Edington  
Vice President-Nuclear,  
Chief Nuclear Officer



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## Closure

Bill Fehrman  
President and  
Chief Executive Officer



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