



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

May 12, 2005

R. T. Ridenoure  
Vice President  
Omaha Public Power District  
Fort Calhoun Station FC-2-4 Adm.  
P.O. Box 550  
Fort Calhoun, NE 68023-0550

**SUBJECT: SUMMARY OF END-OF-CYCLE PERFORMANCE ASSESSMENT  
MEETING FOR FORT CALHOUN STATION**

Dear Mr. Ridenoure:

This refers to the end-of-cycle performance assessment meeting conducted at the Omaha Marriot, Omaha, Nebraska, on May 10, 2005. The purpose of this meeting between the Nuclear Regulatory Commission (NRC) and the Omaha Public Power District (OPPD) was to present and discuss the NRC's assessment of performance of the Fort Calhoun Station for the period of January 1 through December 31, 2004. In addition, the meeting included a presentation on the NRC's oversight process.

The meeting attendance list and a copy of the slides presented during the meeting are included as Enclosures 1 and 2.

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: 50-285  
License: DPR-40

Enclosures:  
1. Attendance List  
2. NRC Presentation

cc w/enclosures:

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Delbert King, Chairman  
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Blair City Council  
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Electronic distribution by RIV:  
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 DRP Director (**ATH**)  
 DRS Director (**DDC**)  
 DRS Deputy Director (**KSW**)  
 Senior Resident Inspector (**JDH1**)  
 Branch Chief, DRP/C (**MCH2**)  
 Senior Project Engineer, DRP/C (**WCW**)  
 Team Leader, DRP/TSS (**RLN1**)  
 RITS Coordinator (**KEG**)  
**RidsNrrDipmlipb**

SISP Review Completed:   wcw   ADAMS:  Yes     No    Initials:   wcw    
 Publicly Available     Non-Publicly Available     Sensitive     Non-Sensitive

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RIV/SPE:DRP/C	C:DRP/C			
WCWalker;df	MCHay			
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5/12/05	5/12/05			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

## NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Omaha Public Power District Fort Calhoun Station
DATE/TIME	May 10, 2005; 6:00 p.m.(CDT)
LOCATION	Omaha Marriott Omaha, Nebraska
NAME (PLEASE PRINT)	ORGANIZATION
DONALD A. FLATER	IA DEPT OF PUBLIC HEALTH
Harry J Faulhaber	OPPD
Dave Bannister	OPPD
Ross Ridenoure	OPPD
MARY TESAR	OPPD
Ralph Phelps	OPPD
Jeff Hansen	OPPD
John Herman	OPPD
Nancy GARDNER	OWH
JEFF TOKORNY	TOKORNY OIL Co

## Fort Calhoun Station Annual Assessment Meeting

Reactor Oversight Program - CY 2004



Nuclear Regulatory Commission - Region IV  
Fort Calhoun, NE  
May 10, 2005

## Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address the licensee performance issues identified in the annual assessment letter
- Licensee will respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their 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
- NRC Available to Address Public Questions

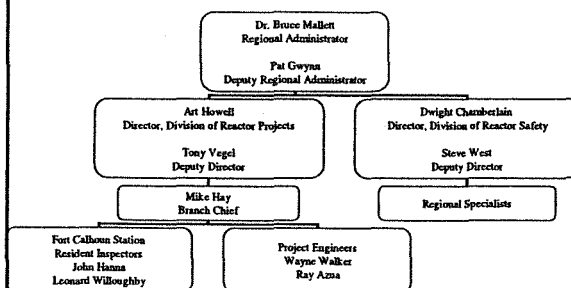
## NRC Representatives

- John Hanna, Senior Resident Inspector
  - (402) 426-9611
- Leonard Willoughby, Resident Inspector
  - (402) 426-9611
- Mike Hay, Branch Chief
  - (817) 860-8144

## NRC Representatives

- Tony Vegel, Deputy Director, Division of Reactor Projects
  - (817) 860-8291

## Region IV Organization



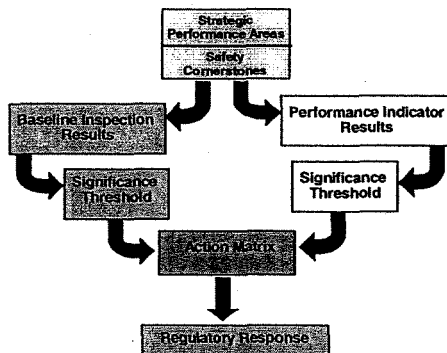
## End-of-Cycle Assessment Conclusion

- **OPPD operated Fort Calhoun Station in a manner that preserved public health and safety**

## NRC Performance Goals

- **Safety:** Ensure protection of the public health and safety and the environment
- **Security:** Ensure the secure use and management of radioactive materials
- **Openness:** Ensure openness in our regulatory process
- **Effectiveness:** Ensure that NRC actions are effective, efficient, realistic, and timely
- **Management:** Ensure excellence in agency management to carry out the NRC strategic objective

## Reactor Oversight Process



## Examples of Baseline Inspections

- Equipment Alignment ~90 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~100 hrs every 2 yrs
- Worker Radiation Protection ~100 hrs/yr
- Corrective Action Program ~200 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

## Significance Threshold

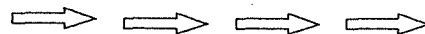
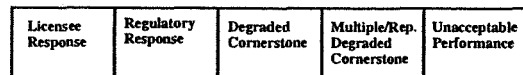
### Performance Indicators

- 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 significant issue  
**White:** Low to moderate safety significant issue  
**Yellow:** Substantial safety significant issue  
**Red:** High safety significant issue

## Action Matrix Concept



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

### National Summary of Plant Performance

Status at End of CY 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
<b>Total</b>	<b>102*</b>

\*Davis-Besse is in IMC 0350 process

### National Summary

#### ● Performance Indicator Results (at end of CY 2004)

Green	1834
White	6
Yellow	0
Red	0

#### ● Total Inspection Findings (CY 2004)

Green	778
White	11
Yellow	0
Red	0

### Fort Calhoun Inspection Activities

(Jan 1 - Dec 31, 2004)

- Resident Inspectors Expended Approximately 2000 Hours Inspecting Fort Calhoun in 2004
- Region Based Inspectors Expended Approximately 1000 Hours Inspecting Fort Calhoun in 2004

### Fort Calhoun Assessment Results

(Jan 1 - Dec 31, 2004)

- Licensee Response Column of the NRC Action Matrix First Two Quarters of 2004, Regulatory Response Column Last Two Quarters of 2004
- White Performance Indicator for Emergency AC Power System Unavailability
  - Supplemental Inspection to be Performed
- No Greater Than Green Inspection Findings

### Fort Calhoun Annual Assessment Summary

January 1 - December 31, 2004

- OPPD operated Fort Calhoun in a manner that preserved public health and safety
- All cornerstone objectives were met with one White Performance Indicator
- NRC plans to conduct a supplemental and baseline inspections at Fort Calhoun Station through September 30, 2006

### Licensee Response and Remarks

Ross Ridenoure  
Vice President/Chief Nuclear Officer  
Omaha Public Power District



### Contacting the NRC

- Report an emergency  
(301) 816-5100 (call collect)
- Report a safety concern:  
(800) 695-7403  
[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

### 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)