



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

May 29, 2008

D. J. Bannister
Vice President and CNO
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 550
Fort Calhoun, NE 68023-0550

Dear Mr. Bannister:

SUBJECT: MEETING SUMMARY FOR PUBLIC MEETING WITH OMAHA PUBLIC POWER DISTRICT (OPPD) ON FORT CALHOON STATION 2007 PERFORMANCE AND REGULATORY PERFORMANCE MEETING

On May 22, 2008, representatives of OPPD met with NRC personnel at the Marriott on 10220 Regency Circle, located in Omaha, Nebraska, to discuss the NRC's 2007 end of cycle performance assessment. In addition, this meeting served as the Regulatory Performance Meeting, which was required to address degraded performance at Fort Calhoun Station. The Fort Calhoun Station was in Column III of the NRC Manual Chapter 0305 "Action Matrix" at the close of CY 2007. The meeting was held at the request of the NRC. The list of attendees and a copy of the NRC's and OPPD's presentations 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'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 Public Electronic Reading Room page of the NRC's public web site at [http:// www.nrc.gov/reading-rm/adams.html](http://www.nrc.gov/reading-rm/adams.html).

Sincerely,

Jeff A. Clark, Chief
Project Branch E
Division of Reactor Projects

Enclosures:

1. Attendance List
2. NRC Presentation Slides

cc w/Enclosures

Winston & Strawn
Attn: James R. Curtiss
1700 K Street NW
Washington, DC 20006-3817

Chairman
Washington County Board of Supervisors
P.O. Box 466
Blair, NE 68008

Julia Schmitt, Manager
Radiation Control Program
Nebraska Health & Human Services
Dept. of Regulation & Licensing
Division of Public Health Assurance
301 Centennial Mall, South
P.O. Box 95007
Lincoln, NE 68509-5007

Melanie Rasmussen
Bureau of Radiological Health
Iowa Department of Public Health
Lucas State Office Building, 5th Floor
321 East 12th Street
Des Moines, IA 50319

Ronald L. McCabe, Chief
Technological Hazards Branch
National Preparedness Division
DHS/FEMA
9221 Ward Parkway
Suite 300
Kansas City, MO 64114-3372

Timothy F. Dunning, Sheriff
Douglas County Sheriff's Department
3601 N. 156th Street
Omaha, NE 68116

Clare Duda, Chairperson
Douglas County Board of Commissioners
Civic Center
1819 Farnam LC2
Omaha, NE 68183

Paul W. Johnson, Director
Douglas County Emergency
Management Agency
Civic Center, EOC, Room 114
1819 Farnam Street
Omaha, NE 68183

Terry Baxter, Sheriff
Harrison County Sheriff's Department
111 South 1st Avenue
Logan, IA 51546

Larry Oliver
Emergency Management Agency
Harrison County
111 South 1st Avenue
Logan, IA 51546-1305

The Honorable Clint Sargent
Mayor of Missouri Valley
City Hall
223 E. Erie
Missouri Valley, IA 51555

Robert Smith, Chairman
Harrison County Board of Supervisors
111 North 2nd Avenue
Logan, IA 51546

Terry Hummel, Coordinator
Pottawattamie County Emergency
Management Coordinator
227 S. 6th Street, Court House
Council Bluffs, IA 51501

Electronic distribution by RIV:

- Regional Administrator (Elmo.Collins@nrc.gov)
- DRP Director (Dwight.Chamberlain@nrc.gov)
- DRS Director (Roy.Caniano@nrc.gov)
- DRS Deputy Director (Troy.Pruett@nrc.gov)
- Senior Resident Inspector (Nick.Taylor@nrc.gov)
- Branch Chief, DRP/E (Jeff.Clark@nrc.gov)
- Senior Project Engineer, DRP/E (George.Replogle@nrc.gov)
- Team Leader, DRP/TSS (Chuck.Paulk@nrc.gov)
- RITS Coordinator (Marisa.Herrera@nrc.gov)

Only inspection reports to the following:

- DRS STA (Dale.Powers@nrc.gov)
- J. Adams, OEDO RIV Coordinator (John.Adams@nrc.gov)
- P. Lougheed, OEDO RIV Coordinator (Patricia.Lougheed@nrc.gov)
- ROPreports
- FCS Site Secretary (Berni.Madison@nrc.gov)

SUNSI Review Completed: ADAMS: Yes No Initials:

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

R:\EOC Meeting Summary\2008\FCS Meeting Summary 5-22-08.doc ADAMS - MLO

RIV:DRP:SPE/E	DRP:C/E			
GDReglogle	JAClark			
<i>Chapman</i>	<i>J</i>			
5/29/08	5/29/08			

OFFICIAL RECORD COPY T=Telephone E=E-mail F=Fax



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

ANNUAL MEETING ATTENDANCE

LICENSEE/FACILITY Entergy Operations / Fort Calhoun Station
 DATE/TIME April 10, 2008 ~~May 20, 2008~~ 6:00 p.m.
 LOCATION Embassy Suites Omaha Marriott
 555 South 10th Street 10220 Regency Cir
 Omaha, NE

NAME (PLEASE PRINT)

ORGANIZATION

John Hanna	NRC
Jeff Clark	NRC
Dwight Chamberlain	NRC
John Kirkland	NRC
TOM MATTHEWS	OPPD
PAT CROWIN	OPPD
Rich Clemens	OPPD
Dave Bannister	OPPD
BRAD DeKorte	NEMA
Dan McGhee	Ia Dept. Public Health
Joe McManis	OPPD
TIM NELLENBACH	OPPD
WOODY GODDELL	OPPD
Dennis Guinn	OPPD
MARK FRANS	OPPD
TOM HILTZ	NRC
Harry Faulhaber	OPPD
Jiff Hanson	OPPD
Victor Dricks	Public Affairs - NRC
Kathy Stodola	Iowa Homeland Security
Joe Gasper	OPPD



Fort Calhoun Station Annual Assessment Meeting

Reactor Oversight Program - CY 2007

Nuclear Regulatory Commission - Region IV
May 22, 2008

1



NRC Representatives

- Dwight Chamberlain, Director, Division of Reactor Projects
- Jeffrey Clark, Chief, Projects Branch E
- Thomas Hiltz, Branch Chief, Plant Licensing Branch IV, NRR
- Victor Dricks, Public Affairs Officer
- John Hanna, Senior Resident Inspector
- John Kirkland, Resident Inspector

2



Fort Calhoun Introductions

3



Purpose of Today's Meeting

- A public forum for discussion of Fort Calhoun's performance
- Open dialogue between Fort Calhoun and NRC

4



Agenda

- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Fort Calhoun Plant Performance Results
- Regulatory Performance Meeting for Degraded Cornerstone Performance

5



Agenda (cont.)

- NRC Oversight – Going Forward
- Licensee Response and Remarks
- NRC Closing Remarks
- Question and Answer Session

6



NRC Strategic Goals

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

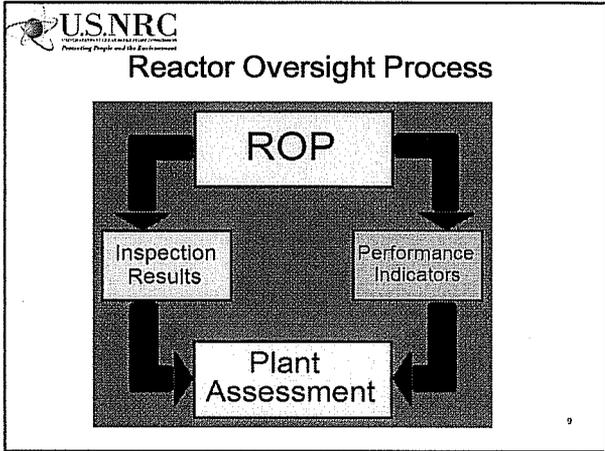
7



John Kirkland

- Reactor Oversight Process

8



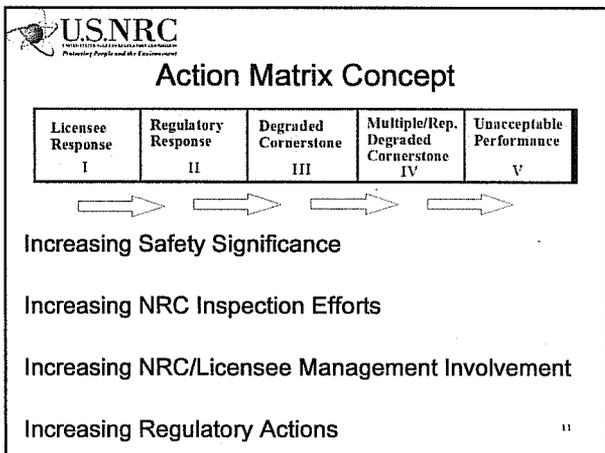
U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
 Promoting People and the Environment

Significance Thresholds

Inspection Findings and Performance Indicators

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

10



U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
 Promoting People and the Environment

National Summary of Plant Performance

Licensee Response (Column I)	87
Regulatory Response (Column II)	8
Degraded Cornerstone (Column III)	8
Multiple/Repetitive Degraded Cornerstone (Column IV)	1
<u>Unacceptable (Column V)</u>	<u>0</u>
Total	104

12



National Summary

■ Performance Indicator Results

- Green 1942
- White 8
- Yellow 1
- Red 0

■ Total Inspection Findings

- Green 759
- White 9
- Yellow 2
- Red 0

13



2007 Inspection Activities

- Baseline Inspection Program
- Focused inspection for an emergency diesel generator failure
- Special inspection for 2 failed ABB breakers

14



Jeffrey Clark

2007 Assessment Results

15



Assessment Results

- Fort Calhoun operated safely even though there was a degradation in safety performance.
 - Continued substantive crosscutting issue in "Human Performance"
 - Multiple White issues
 - Column III of the NRC Action Matrix

16



Planned Activities For 2008

- Baseline inspections
- Supplemental 95002 Inspection Completed, March 20, 2008

17



Regulatory Performance Meeting

- FCS in Column III of NRC Action Matrix at Close of 2007
- NRC Completed 95002
- All Issues Closed Except White EDG Finding
- Fort Calhoun to Transition to Column II Pending Additional NRC Followup of EDG Finding

18



Licensee Response and Remarks

David Bannister
 Site Vice President
 and
 Chief Nuclear Officer
 Omaha Public Power District

19

Fort Calhoun Station NRC Public Meeting May 22, 2008

Dave Bannister
 Vice President – Nuclear

20

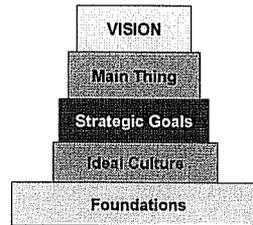


Agenda

- Building Blocks
- Containment Spray Header Valve HCV-345
- Diesel Generator Electrical Contacts
- Crosscutting Issue
- Foundations
- Closing



Building Blocks



Focus Areas

- Human Performance
- Corrective Action
- Station Culture
- Equipment Reliability
- Latent Issues



Containment Spray Valve

- Containment Spray Header Valve HCV-345
 - Causal Analysis Completed
 - Corrective Actions Implemented
 - NRC Inspection Activities Completed
 - Ongoing Effectiveness Review



Diesel Generator Contacts

- Diesel Generator Electrical Contacts
 - Causal Analysis Completed
 - Improvement Plan Created
 - Corrective Actions Implemented
 - Ongoing Effectiveness Review



Crosscutting Issue

- Human Performance-Resources
 - Completed Causal Analysis
 - Implemented Corrective Actions
 - Made Human Performance a Site Focus Area
 - Increased Use of Metrics to Gauge Effectiveness



Metrics

- Additional Metrics Developed
- Metrics Include:
 - Human Performance Error Rate
 - Procedure Quality
 - Maintenance Rework



Completed Actions

- Benchmarked Industry Best
- Increased Management Staff
- Instituted "Prior to Performance" Procedure Reviews
- Identified Critical Procedure Steps
- Reviewed Infrequently Performed/Risk Sensitive Procedures



Planned Actions

- Procedures Enhancements
- Initial and Continuing Human Performance Training
- Ongoing Effectiveness Reviews



Fort Calhoun Station Foundations

We focus on **safety** – nuclear, industrial, and radiological.

We are **aligned** and our direction is crystal clear.

We set and reinforce **high standards**.

We have healthy internal and external **relationships**.

We continuously **learn & improve**.

We are **accountable** for our actions, behaviors, & results.

We are an **engaged workforce**.



Closing

Safety is Primary Focus



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
- **Victor Dricks, Public Affairs Officer, RIV**
 - > 817-860-8128
 - > vld@nrc.gov

31



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)

32



NRC Concluding Remarks

Dwight Chamberlain, Director, Division of
Reactor Projects

33



Questions and Answers

Facilitated by

John Kirkland

34