



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

September 2, 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

SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
FORT CALHOUN STATION

Dear Mr. Bannister:

On August 6, 2008, the NRC staff completed its performance review of Fort Calhoun Station for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only - Security-Related Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix based on one White finding in the Mitigating Systems Cornerstone and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green). The finding involved two violations associated with inadequate corrective actions and improper maintenance on an emergency diesel generator (NRC EA-07-194; ADAMS ML073410416). This White finding was closed in NRC Inspection Report 05000285/2008003 and will have existed for 4 quarters as of June 30, 2008. Accordingly, Fort Calhoun Station will transition to Column 1 of the NRC Action Matrix in the third quarter of calendar year 2008 assuming no additional greater than GREEN inputs.

In our 2006 annual assessment letter dated March 2, 2007, we advised you of a substantive crosscutting issue in the area of human performance at Fort Calhoun Station (ADAMS ML070610601). Specifically, we identified a crosscutting theme in the work practices component involving instances of ineffective use of human error prevention techniques. Additionally, in our 2007 midcycle assessment letter dated August 31, 2007 (ADAMS ML072430778), we identified another theme in the resources component of the human performance area, involving the failure to provide adequate procedures or work instructions. In our 2007 annual assessment letter dated March 3, 2008 (ADAMS ML080630210), we noted improvement in the human performance component of work practices as demonstrated by a reduction in the number of findings associated with the use of human error prevention techniques. However, we continued to identify a number of findings related to the resources

component involving problems with work instructions. The human performance substantive crosscutting issue was held open pending indications of sustained corrective action effectiveness. During this assessment period, the NRC noted improvement in the human performance resources component, procedure/work instruction theme, in that no new findings associated with this theme were noted in the last 2 quarters. The findings identified during the full 4-quarter period included: (1) the failure to conservatively describe a missile in procedures, (2) the failure to provide complete and accurate postmaintenance test instructions following work on an emergency diesel generator field flash relay, (3) the use of an unapproved wet lubricant on emergency diesel generator field flash relay components, (4) an inadequate procedure for establishing backup raw water to the containment fan coolers during postaccident conditions with a loss-of-component cooling water, (5) and the failure to have an adequate procedure to implement cold weather protective actions to mitigate effects of cold temperatures on plant equipment. Considering the significance of some of these findings and the longstanding nature of human performance related concerns at Fort Calhoun Station, we have decided to hold the human performance substantive crosscutting issue open.

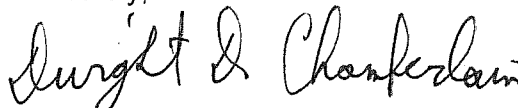
Consistent with the guidance in the NRC Inspection Manual Chapter 0305, because there has been a substantive crosscutting issue in the area of human performance for three consecutive assessment letters, you are requested to schedule a public meeting with the NRC to discuss your plans to address this issue. The human performance substantive crosscutting issue in the component of resources will remain open until we determine, through the implementation of focused baseline inspections, that corrective actions have been effective.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Wayne C. Walker of my staff at 817-276-6523 to make arrangements for the public meeting and to discuss any questions you may have regarding this letter or the inspection plan.

Sincerely,



Dwight D. Chamberlain, Director  
Division of Reactor Projects

Docket: 50-285  
License: DPR-40

Enclosure: Fort Calhoun Station Inspection/ Activity Plan

cc w/Enclosure

Mr. Thomas C. Matthews  
Manager – Nuclear Licensing  
Omaha Public Power District  
Fort Calhoun Station FC-2-4 Adm.  
P.O. Box 550  
Fort Calhoun, NE 68023-0550

Winston & Strawn  
Attn: David A. Repke, Esq.  
1700 K Street, NW  
Washington, DC 20006-3817

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

Ms. Julia Schmitt, Manager  
Radiation Control Program  
Nebraska Health & Human Services R & L  
Public Health Assurance  
301 Centennial Mall, South  
P.O. Box 95007  
Lincoln, NE 68509-5007

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

Electronic distribution by RIV:

- Regional Administrator (Elmo.Collins@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)
- Senior Resident Inspector (John.Hanna@nrc.gov)
- Resident Inspector (John.Kirkland@nrc.gov)
- Acting Branch Chief, DRP/E (Wayne.Walker@nrc.gov)
- Senior Project Engineer, DRP/E (George.Replogle@nrc.gov)
- Public Affairs Officer (Victor.Dricks@nrc.gov)
- Team Leader, DRP/TSS (Chuck.Paulk@nrc.gov)
- RITS Coordinator (Marisa.Herrera@nrc.gov)
- RidsNrrDirslpab@nrc.gov
- Regional State Liaison Officer (Bill.Maier@nrc.gov)
- Regional Administrator Secretary (Lucy.Owen@nrc.gov)
- Branch Chief, DRS Engineering Branch1 (Russ.Bywater@nrc.gov)
- Branch Chief, DRS Engineering Branch 2 (Neil.OKeefe@nrc.gov)
- Branch Chief, DRS Operations Branch (Ryan.Lantz@nrc.gov)
- Branch Chief, DRS Plant Support Branch 1 (Michael.Shannon@nrc.gov)
- Branch Chief, DRS Plant Support Branch 2 (Greg.Werner@nrc.gov)
- Chief, TRPB, OEDO (Tamara.Bloomer@nrc.gov)
- Director, DORL, NRR (Joseph.Glitter@nrc.gov)
- Chief, OLB IV, DORL, NRR (Thomas.Hiltz@nrc.gov)
- NRR Project Manager (Michael.Markley@nrc.gov)
- OEDO RIV Coordinator (Mark.Cox@nrc.gov)
- INPO (mortensengk@INPO.org)

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

R: REACTORS\EOC and Midcycle\Midcycle Assessment Letters\2008\FCS.doc ML

C:SPE:DRP/E	AC:DRP/E	D:DRS	D:DRP	
GDReplogle	WCWalker	RJCaniano	DDChamberlain	
<i>Wc Walker For</i>	<i>WCWalker</i>	<i>[Signature]</i>	<i>[Signature]</i>	
8/18/08	8/18/08	8/19/08	8/27/08	

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08/25/2008

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## Fort Calhoun

## Inspection / Activity Plan

09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EP2 - EP PROGRAM</b>		1			
1	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		09/22/2008	09/26/2008	Baseline Inspections
1	IP 7111402	Alert and Notification System Testing		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 7111403	Emergency Response Organization Augmentation Testing		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 71151-EP01	Drill/Exercise Performance		09/22/2008	09/26/2008	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		09/22/2008	09/26/2008	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		09/22/2008	09/26/2008	Baseline Inspections
	<b>RP-ORS2 - OCCUPATIONAL RADIATION SAFETY-ALARA</b>		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/17/2008	11/21/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/17/2008	11/21/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		11/17/2008	11/21/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		11/17/2008	11/21/2008	Baseline Inspections
	<b>REQUAL - BIENNIAL REQUAL</b>		3			
1	IP 7111111B	Licensed Operator Requalification Program		12/15/2008	12/19/2008	Baseline Inspections
	<b>EXAM - INITIAL EXAM</b>		3			
1	X02412	INITIAL EXAM -FC (3/2009)		02/23/2009	03/27/2009	Not Applicable
1	X02412	INITIAL EXAM -FC (3/2009)		03/30/2009	04/03/2009	Not Applicable
1	X02412	INITIAL EXAM -FC (3/2009)		04/06/2009	06/06/2009	Not Applicable
	<b>PSB2-52B - BIENNIAL PI&amp;R INSPECTION</b>		4			
1	IP 71152B	Identification and Resolution of Problems		04/27/2009	05/01/2009	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		05/11/2009	05/15/2009	Baseline Inspections
	<b>RP-ORS3 - OCCUPATIONAL RADIATION SAFETY - ALARA</b>		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/08/2009	06/12/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/08/2009	06/12/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/08/2009	06/12/2009	Baseline Inspections
	<b>EB1-21T - CDBI</b>		6			
1	IP 7111121	Component Design Bases Inspection		08/24/2009	08/28/2009	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		09/07/2009	09/18/2009	Baseline Inspections
	<b>RP-ORS4 - OCCUPATIONAL RADIATION SAFETY - ACCESS</b>		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/02/2009	11/06/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/02/2009	11/06/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/02/2009	11/06/2009	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

Fort Calhoun  
Inspection / Activity Plan  
09/01/2008 - 12/31/2009

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	RP-ORS5 - OCCUPATIONAL RADIATION SAFETY - ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/16/2009	11/20/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/16/2009	11/20/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/16/2009	11/20/2009	Baseline Inspections

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