



Omaha Public Power District

444 South 16th Street Mall
Omaha, NE 68102-2247

LIC-13-0178
December 18, 2013

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

- References:
1. Docket No. 50-285
 2. Letter from the OPPD (Louis P. Cortopassi) to NRC (Document Control Desk), Licensee Event Report 2013-013, Revision 0, for the Fort Calhoun Station, dated December 2, 2013 (LIC-13-0176)
 3. Letter from the OPPD (Louis P. Cortopassi) to NRC (Document Control Desk), Licensee Event Report 2013-013, Revision 0, for the Fort Calhoun Station, dated November 26, 2013 (LIC-13-0173)

Subject: Licensee Event Report 2013-014, Revision 0, for the Fort Calhoun Station

Please find attached Licensee Event Report 2013-014, Revision 0. This letter replaces the report issued by Reference 2. The letter in Reference 2 duplicated the report number issued in Reference 3. Please delete the report issued by letter in Reference 2.

This report is being submitted pursuant to 10 CFR 50.73(a)(2)(i)(B). There are no new commitments being made in this letter. If you should have any questions, please contact Terrence W. Simpkin, Manager, Site Regulatory Assurance, at (402) 533-6263.

Sincerely,

Louis P. Cortopassi
Site Vice President and CNO

LPC/rjr

Attachment

c: M. L. Dapas, NRC Regional Administrator, Region IV
J. M. Sebrosky, NRC Senior Project Manager
J. C. Kirkland, NRC Senior Resident Inspector
L. E. Wilkins, NRC Project Manager

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA/Privacy Section (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. FACILITY NAME Fort Calhoun Station					2. DOCKET NUMBER 05000285		3. PAGE 1 OF 3			
4. TITLE Unqualified Components used in Safety System Control Circuit										
5. EVENT DATE			6. LER NUMBER		7. REPORT DATE			8. OTHER FACILITIES INVOLVED		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO.	MONTH	DAY	YEAR	FACILITY NAME DOCKET NUMBER 05000	
10	18	2012	2013	014 - 0		12	18	2013	FACILITY NAME DOCKET NUMBER 05000	
9. OPERATING MODE 5			11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)							
			<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(vii)				
			<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)				
			<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)				
			<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)				
10. POWER LEVEL 0			<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 50.73(a)(2)(x)				
			<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(4)				
			<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input type="checkbox"/> 73.71(a)(5)				
			<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	<input type="checkbox"/> OTHER				
			<input checked="" type="checkbox"/> 20.2203(a)(2)(vi)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(v)(D)	Specify in Abstract below or in NRC Form 366A				
12. LICENSEE CONTACT FOR THIS LER FACILITY NAME Erick Matzke									TELEPHONE NUMBER (Include Area Code) 402-533-6855	
13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	
14. SUPPLEMENTAL REPORT EXPECTED <input checked="" type="checkbox"/> YES (If yes, complete 15. EXPECTED SUBMISSION DATE) <input type="checkbox"/> NO					15. EXPECTED SUBMISSION DATE		MONTH DAY YEAR			
							3 31 2014			
ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)										
<p>On October 3, 2013 station personnel identified that a condition with the control loop for HCV-1369, Turbine-Driven Auxiliary Feedwater Pump FW-10 Recirculation Valve, was incorrectly evaluated as not reportable. The original condition was identified on October 18, 2012, which identified unqualified components in the control loop whose failure could cause a spurious closure of HCV-1369 and result in pump damage. The station was shutdown in MODE 5 when discovered.</p> <p>The condition was entered in to the station's corrective action program as Condition Report 2013-18752. Engineering is reviewing this condition and the results of this review will be used to update this report. This report was previously submitted on December 9, 2013 with a duplicate LER number.</p>										

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE		3	
Fort Calhoun Station	05000285	YEAR	SEQUENTIAL NUMBER	REV NO.	2	OF		
		2013	- 014 -	0				

NARRATIVE**BACKGROUND**

Fort Calhoun Station (FCS) is a two-loop reactor coolant system of Combustion Engineering design.

FCS Technical Specification (TS) Section 2.5 states, in part that, two auxiliary feedwater (AFW) trains shall be OPERABLE when Tcold is above 300°F and with one AFW train inoperable for reasons other than Condition A, inoperable steam supply, restore the AFW train to OPERABLE status within 24 hours.

FCS Updated Safety Analysis Report (USAR) Section 9.4.1 states, in part that, FCS has two safety class auxiliary feed pumps, each capable of meeting system requirements and with diverse power sources; one electric motor driven and the other steam turbine driven.

EVENT DESCRIPTION

On October 3, 2013 station personnel identified that a condition with the control loop for HCV-1369, Turbine-Driven Auxiliary Feedwater Pump FW-10 Recirculation Valve, was incorrectly evaluated as not reportable. The original condition was identified on October 18, 2012. Although FCV-1369 is a fail-open valve, a closure due to a failure of a non-critical quality element (CQE) component coincident with a demand closure of HCV-1107B, Steam Generator RC-2A Auxiliary Feedwater Inlet Valve and HVC-1108B, Steam Generator RC-2B Auxiliary Feedwater Inlet Valve, could result in damage to FW-10 due to cavitation. FW-10 is the turbine-driven auxiliary feedwater pump. The station was shutdown in MODE 5 when discovered.

The current review determined that the components in question, although procured as CQE, had not been maintained as CQE. Additionally, the control loop is classified as non-CQE; therefore, the associated cables were not routed in safety related cable trays. The station was shutdown in MODE 5 when discovered. Although the condition only applies to the turbine-driven AFW pump (FW-10), during the last operating cycle the motor-driven AFW pump (FW-6) was taken out of service for testing.

This report is being submitted pursuant to 10 CFR 50.73(a)(2)(i)(B) any operation or condition which was prohibited by the plant's Technical Specifications.

CONCLUSION

Engineering is reviewing this condition and the results of this review will be used to update this report.

CORRECTIVE ACTIONS

Engineering is reviewing this condition and the results of this review will be used to update this report.

SAFETY SIGNIFICANCE

Engineering is reviewing this condition and the results of this review will be used to update this report.

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		2013	- 014 -	0	

NARRATIVE**SAFETY SYSTEM FUNCTIONAL FAILURE**

This does not represent a safety system functional failure in accordance with NEI 99-02, Revision 6.

PREVIOUS EVENTS

Engineering is reviewing this condition and the results of this review will be used to update this report.