

10 CFR 50.73

LIC-14-0006 January 31, 2014

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

Fort Calhoun Station, Unit No. 1

Renewed Facility Operating License No. DPR-40

NRC Docket No. 50-285

Reference:

None

Subject:

Licensee Event Report 2013-019, Revision 0, for the Fort Calhoun Station

Please find attached Licensee Event Report 2013-019, Revision 0. This report is being submitted pursuant to 10 CFR 50.73 (a)(2)(v)(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.

Respectfully,

Louis P. Cortopassi

Site Vice President and CNO

LPC/epm

Attachment

c: J. M. Sebrosky, NRC Senior Project Manager

M. L. Dapas, NRC Regional Administrator, Region IV

J. C. Kirkland, NRC Senior Resident Inspector

NRC FOR	RM 366			U.S. NUC	LEAR RI	EGULATOR	RY COMM	ISSION	PPRO	VED BY OMB: N	O. 3150-0104	E	XPIRES:	10/31/2013		
(10-2010) LICENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block)								re li e C ir a E c	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. FACIL	1. FACILITY NAME Fort Calhoun Station									2. DOCKET NUMBER 3. PAGE 05000285 1 OF 2						
4. TITLE			Fort	zainoun	Station					05000285			OF 2			
			No	n-Seism	c Circu	lating W	ater Pip	e Could	Disa	ble Raw Wa	iter Pumps					
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NRC FORM 366A

(10-2010)

LICENSEE EVENT REPORT (LER) CONTINUATION SHEET

U.S. NUCLEAR REGULATORY COMMISSION

1. FACILITY NAME	2. DOCKET		3. PAGE				
Fort Calhaum Station	0500005	YEAR	SEQUENTIAL NUMBER	REV NO.	2	OF	2
Fort Calhoun Station	05000285	2013	- 019 -	0			

NARRATIVE

BACKGROUND

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

EVENT DESCRIPTION

On December 2, 2013, NRC inspectors questioned the validity of an operability determination performed by the station on a non-safety grade pipe in the Raw Water (RW) pump vaults. The concern was determined to be valid and on December 3, 2013, at 0038 CST, an operability evaluation for Condition Report (CR) 2013-22090 confirmed operability of the RW pumps with interim actions to prevent CW flow from the affected 12 inch pipe into the RW vault during a seismic event. Interim compensatory actions to maintain operability of the raw water pumps were to secure the screen wash system and establish a clearance. A clearance was established that disabled the screen wash pumps preventing flow to the RW vault. The RW pumps were determined to be operable with these interim compensatory measures in place.

This report is being submitted pursuant to 10 CFR 50.73(a)(2)(v)(B), Any event or condition that could have prevented the fulfillment of the safety function of structures or systems that are needed to: (B) Remove residual heat.

CONCLUSION

The vulnerability described in this report has existed since the original design and installation of the spray wash system FCS. A cause analysis is in progress and an update to this LER will be provided with additional information.

CORRECTIVE ACTIONS

A design change was completed to the station to eliminate the adverse interaction noted above.

SAFETY SIGNIFICANCE

A cause analysis is in progress and an update to this LER will be provided with additional information.

SAFETY SYSTEM FUNCTIONAL FAILURE

A cause analysis is in progress and an update to this LER will be provided with additional information.

PREVIOUS EVENTS

The following LERs report inoperability of the stations RW system due to seismic concerns: LER 2013-012, Intake Structure Crane Seismic Qualification LER 2012-020, Raw Water Pump Anchors