

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

10 CFR 50.73

February 14, 2014 LIC-14-0015

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 <u>NRC Docket No. 50-285</u>

Reference: none

Subject: Licensee Event Report 2013-015, Revision 1, for the Fort Calhoun Station

Please find attached Licensee Event Report 2013-015, Revision 1. This report is being submitted pursuant to 10 CFR 50.73(a)(2)(ii)(B). No commitments are 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 Sr. Project Manager M. L. Dapas, NRC Regional Administrator, Region IV J. C. Kirkland, NRC Sr. Resident Inspector

NRC FORM 366 U.S. NUCLEAR REGULATORY COMMISSION					APPROVED BY OMB: NO. 3150-0104 EXPIRES: 10/31/2013										
(See r	reverse	o for require	d num	nber of	ER)		request: licensing estimate Commis infocolle and Reg Budget, collectio	80 hours. Rep g process and fec e to the FOIA/Pi ssion, Washingtr ects.resource@nr gulatory Affairs, N , Washington, DC nn does not displa	ported lessons d back to indus rivacy Section on, DC 2055 c.gov, and to t IEOB-10202, (3 C 20503. If a m y a currently va	s learned try. Send c (T-5 F53) 55-0001, c the Desk C 150-0104) neans use lid OMB cc	are inco comments), U.S. N or by in Officer, Of , Office of d to impo	prporate s regard luclear nternet ffice of f Manag ose an nber, the	d into the ting burden Regulatory e-mail to Information gement and information e NRC may		
VIE	Fort (Calhoun Str	ation				2. DOC			PAGE	1 OF	3			
	Un	qualified C	oating	J used a	s a Wate	ər Tigh	t Barri	ier in Room	s 81 and 8	2			1989		
ATE	6.	LER NUMBE	R	7. R	EPORT D	ATE			THER FACIL	ITIES IN					
YEAR	YEAR	SEQUENTIAL NUMBER	REV NO.	MONTH	DAY	YEAR						050	000		
2013	2013	- 015 -	1	2	14	2014		JITY NAME			DOC		JMBER 000		
9. OPERATING MODE 11. THIS REPORT I 5 20.2201(b) 20.2203(a)(1) 20.2203(a)(1) 20.2203(a)(2)(i) 20.2203(a)(2)(ii) 10. POWER LEVEL 20.2203(a)(2)(ii) 0 20.2203(a)(2)(iv) 0 20.2203(a)(2)(v) 20.2203(a)(2)(v) 20.2203(a)(2)(v)			rt is s	 20.2203(a)(3)(i) 20.2203(a)(3)(ii) 20.2203(a)(4) 50.36(c)(1)(i)(A) 			 □ 50.73(a)(2)(i)(C) □ 50.73(a)(2)(ii)(A) ⊠ 50.73(a)(2)(ii)(B) □ 50.73(a)(2)(iii) 			☐ 50.73(a)(2)(vii) ☐ 50.73(a)(2)(viii)(☐ 50.73(a)(2)(viii)(☐ 50.73(a)(2)(vii)(☐ 50.73(a)(2)(ix)(A			A) B)		
			□ 20.2203(a)(2)(iii) □ 50.36(c)(2) □ 20.2203(a)(2)(iv) □ 50.46(a)(3)(ii) □ 20.2203(a)(2)(v) □ 50.73(a)(2)(i)(A)				□ 50.73(a)(2)(v)(A) □ 73.71(a)(4) □ 50.73(a)(2)(v)(B) □ 73.71(a)(5) □ 50.73(a)(2)(v)(C) □ OTHER □ 50.73(a)(2)(v)(D) Specify in Abstor or in NRC Form					4) 5) Abstract			
					EE CONT	ACT FO	OR THIS	S LER	TELEP				a Code)		
	13. CON	IPLETE ONE	LINE F	OR EACH	I COMPO	NENT F	AILUR	E DESCRIBED	IN THIS RE	PORT		100			
SYSTEN		MPONENT F				CAU	JSE	SYSTEM	COMPONE				ORTABLE O EPIX		
			DODT												
					NO	SUBM	MON	ітн (YAC	YEAR					
nber 23 during s the di er 10 C s shutd action p valuatio RCA) di	3, 2013 g a high liesel g FR 50. down ir prograi on was id not r	3, it was ide h energy lin generators 72(b)(3)(ii n MODE 5 m as Conce completed resolve was	entifie ne bro and s i)(B), wher dition d and tter int	ed that t eak envisafety re Unanaly n the co Report I determ trusion	the floor vironme elated s yzed Co ondition 2013-1 nined th into Au	r struc ent allo switch onditic was ic 8103. nat cor xiliary	eture in owing gear. on (Ev dentifi rrectiv Build	water to m This was revent Notific ied and ent re actions in ling rooms	igrate inte eported o ation 493 tered into n CR 200	o the ro on Sept 78). Fo the sta	ooms tembe ort Cal ation's 7 root 0	belov r 23, lhour caus	w n 		
	(See r digit ME VEAR 2013 MODE VEL VEL SYSTEM 14. c, complete bit to 1400 mber 23 y during es the d er 10 C as shutc action p valuatic RCA) di	(See reverse digits/chara ME Fort (Un DATE 6. YEAR YEAR 2013 2013 MODE 11 20.2 20.	CENSEE EVENT RE (See reverse for require digits/characters for ea ME Fort Calhoun Sta Unqualified Co OATE 6. LER NUMBER 2013 2013 - 015 - MODE 11. THIS REPON 20.2201(b) 20.2201(b) 20.2203(a)(2)(i) 20.2203(a)(2)(i) 20.2203(a)(2)(ii) 20.2203(a)(2)(ii) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 14. SUPPLEMENTAL RE c, complete 15. EXPECTED SUB nit to 1400 spaces, i.e., approximents to 1400 spaces, i.e., approximents action program as Concert Valuation was completed RCA) did not resolve wat	CENSEE EVENT REPOR (See reverse for required num digits/characters for each bl ME Fort Calhoun Station Unqualified Coating OATE 6. LER NUMBER YEAR YEAR SEQUENTIAL NUMBER REV NO. 2013 2013 - 015 - 1 MODE 11. THIS REPORT IS S 2020201(b) 20.2203(a)(1) 20.2203(a)(2)(ii) 20.2203(a)(2)(ii) 20.2203(a)(2)(ii) 20.2203(a)(2)(ii) II. THIS REPORT IS S 20.2201(b) 20.2203(a)(2)(ii) 20.2203(a)(2)(ii) 20.2203(a)(2)(iii) 20.2203(a)(2)(iii) 20.2203(a)(2)(iii) 20.2203(a)(2)(iv) 20.2203(a)(2)(iv) 20.2203(a)(2)(iv) 20.2203(a)(2)(v) 20.2203(a)(2)(v) 12 Inter cone Line F SYSTEM COMPONENT MANU- SYSTEM COMPONENT MANU- SYSTEM COMPONENT ADDE SUPPLEMENTAL REPORT IS	CENSEE EVENT REPORT (LE (See reverse for required number of digits/characters for each block) ME Fort Calhoun Station Unqualified Coating used as OATE OLER NUMBER YEAR VEAR SEQUENTIAL NUMBER NO. MODE 11. THIS REPORT IS SUBMITTE 20.201(b) 2 2 20.2201(b) 2 2 20.2203(a)(2)(i) 5 20.2203(a)(2)(ii) 5 20.2203(a)(2)(ii) 5 20.2203(a)(2)(ii) 5 20.2203(a)(2)(v) 5 20.2203(a)(2)(vi) 5 20.2203(a)(2)(vi) 5 20.2203(a)(2)(vi) 5 20.2203(a)(2)(vi) 5	CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) ME Fort Calhoun Station Unqualified Coating used as a Wate Out Calhoun Station Vare Fort Calhoun Station Vare Fort Calhoun Station Vare Verse Sequentiat Rev Month Day Verse Verse Sequentiation Revolution Verse Verse Sequentiation Revolution Verse Verse Sequentiation Revolution Verse Verse Sequentiation Verse Verse Sequentiation <td>CENSEE EVENT REPORT (LER). (See reverse for required number of digits/characters for each block) ME Durqualified Coating used as a Water Tigh Variation Unqualified Coating used as a Water Tigh ATE YEAR VEAR <td colspan="2" td="" v<=""><td>CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Comma and Re Budget. ME 2. DOC ME 2. DOC VER Fort Calhoun Station VInqualified Coating used as a Water Tight Barr ATE 6. LER NUMBER 7. REPORT DATE YEAR SEQUENTIAL NUMBER REV NO. MONTH DAY YEAR 2013 2013 - 015 - 1 2 14 2014 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE I PACIL 20.2201(b) 20.2203(a)(3)(i) 20.2203(a)(3)(i) 20.2203(a)(2)(i) D.36(c)(1)(i)(A) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iv) D.36(c)(2) 20.2203(a)(2)(iv)</td><td>CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Estimated burden per r request: 80 hours. Re ormission. Washington, Do Dolectin dees not displa not conduct or sponsor. ME Fort Calhoun Station 2. DOCKET NUMBER 05000285 Unqualified Coating used as a Water Tight Barrier in Rooms 0500285 2. DOCKET NUMBER 05000285 VEAR Fort Calhoun Station 0.0 VEAR SEQUENTIAL NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENT 0.0 DO2.2201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) VEL 20.2203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(</td><td>Estimated burden per response to correquest: 80 hours. Reported lessons licensing process and to back bindwood estimate to the FOM/Physics Section Conductors for equired number of digits/characters for each block) Center Conductor Conductors (Center Conductors) ME Fort Calhoun Station 2.0CKET NUMBER Conductor sponsor, and a period process, and a period conductor sponsor, and conductor sponsor, and a period conductor sponsor, and conductor sponso</td><td>Estimated burden per response to comply with request: 80 hours. Reported lessons learned licensing process and 8d back to industry. Serie J. Commission, Washington, DC 20350.01 (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig.</td><td>Estimated burden per response to comply with this margeust: 80 hours. Reported lessons learned are incomplements of indexing process and de basend are incomplements. NEGE-1920, (3157 FS), U.S. Margending, DC 20058. If a means used to import of digits/characters for each block) ME Fort Calhoun Station a person is not required in umber of digits/characters for each block) ME 2. DOCKET NUMBER 3. PAGE OBJOINT AND AND AND AND AND AND AND AND AND AND</td><td>Estimated burden per response to comply with this mandatory request 80 hours. Reported lessons learned are incorporate licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to the Desk Ciffier, Otto and Index for the conduct or general in an error used to impose an objection does not display a cumrity valid OHE control number, this conduct or general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required in the general is</td></td></td>	CENSEE EVENT REPORT (LER). (See reverse for required number of digits/characters for each block) ME Durqualified Coating used as a Water Tigh Variation Unqualified Coating used as a Water Tigh ATE YEAR VEAR VEAR <td colspan="2" td="" v<=""><td>CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Comma and Re Budget. ME 2. DOC ME 2. DOC VER Fort Calhoun Station VInqualified Coating used as a Water Tight Barr ATE 6. LER NUMBER 7. REPORT DATE YEAR SEQUENTIAL NUMBER REV NO. MONTH DAY YEAR 2013 2013 - 015 - 1 2 14 2014 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE I PACIL 20.2201(b) 20.2203(a)(3)(i) 20.2203(a)(3)(i) 20.2203(a)(2)(i) D.36(c)(1)(i)(A) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iv) D.36(c)(2) 20.2203(a)(2)(iv)</td><td>CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Estimated burden per r request: 80 hours. Re ormission. Washington, Do Dolectin dees not displa not conduct or sponsor. ME Fort Calhoun Station 2. DOCKET NUMBER 05000285 Unqualified Coating used as a Water Tight Barrier in Rooms 0500285 2. DOCKET NUMBER 05000285 VEAR Fort Calhoun Station 0.0 VEAR SEQUENTIAL NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENT 0.0 DO2.2201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) VEL 20.2203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(</td><td>Estimated burden per response to correquest: 80 hours. Reported lessons licensing process and to back bindwood estimate to the FOM/Physics Section Conductors for equired number of digits/characters for each block) Center Conductor Conductors (Center Conductors) ME Fort Calhoun Station 2.0CKET NUMBER Conductor sponsor, and a period process, and a period conductor sponsor, and conductor sponsor, and a period conductor sponsor, and conductor sponso</td><td>Estimated burden per response to comply with request: 80 hours. Reported lessons learned licensing process and 8d back to industry. Serie J. Commission, Washington, DC 20350.01 (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig.</td><td>Estimated burden per response to comply with this margeust: 80 hours. Reported lessons learned are incomplements of indexing process and de basend are incomplements. NEGE-1920, (3157 FS), U.S. Margending, DC 20058. If a means used to import of digits/characters for each block) ME Fort Calhoun Station a person is not required in umber of digits/characters for each block) ME 2. DOCKET NUMBER 3. PAGE OBJOINT AND AND AND AND AND AND AND AND AND AND</td><td>Estimated burden per response to comply with this mandatory request 80 hours. Reported lessons learned are incorporate licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to the Desk Ciffier, Otto and Index for the conduct or general in an error used to impose an objection does not display a cumrity valid OHE control number, this conduct or general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required in the general is</td></td>	<td>CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Comma and Re Budget. ME 2. DOC ME 2. DOC VER Fort Calhoun Station VInqualified Coating used as a Water Tight Barr ATE 6. LER NUMBER 7. REPORT DATE YEAR SEQUENTIAL NUMBER REV NO. MONTH DAY YEAR 2013 2013 - 015 - 1 2 14 2014 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE I PACIL 20.2201(b) 20.2203(a)(3)(i) 20.2203(a)(3)(i) 20.2203(a)(2)(i) D.36(c)(1)(i)(A) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iv) D.36(c)(2) 20.2203(a)(2)(iv)</td> <td>CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Estimated burden per r request: 80 hours. Re ormission. Washington, Do Dolectin dees not displa not conduct or sponsor. ME Fort Calhoun Station 2. DOCKET NUMBER 05000285 Unqualified Coating used as a Water Tight Barrier in Rooms 0500285 2. DOCKET NUMBER 05000285 VEAR Fort Calhoun Station 0.0 VEAR SEQUENTIAL NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENT 0.0 DO2.2201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) VEL 20.2203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(</td> <td>Estimated burden per response to correquest: 80 hours. Reported lessons licensing process and to back bindwood estimate to the FOM/Physics Section Conductors for equired number of digits/characters for each block) Center Conductor Conductors (Center Conductors) ME Fort Calhoun Station 2.0CKET NUMBER Conductor sponsor, and a period process, and a period conductor sponsor, and conductor sponsor, and a period conductor sponsor, and conductor sponso</td> <td>Estimated burden per response to comply with request: 80 hours. Reported lessons learned licensing process and 8d back to industry. Serie J. Commission, Washington, DC 20350.01 (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig.</td> <td>Estimated burden per response to comply with this margeust: 80 hours. Reported lessons learned are incomplements of indexing process and de basend are incomplements. NEGE-1920, (3157 FS), U.S. Margending, DC 20058. If a means used to import of digits/characters for each block) ME Fort Calhoun Station a person is not required in umber of digits/characters for each block) ME 2. DOCKET NUMBER 3. PAGE OBJOINT AND AND AND AND AND AND AND AND AND AND</td> <td>Estimated burden per response to comply with this mandatory request 80 hours. Reported lessons learned are incorporate licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to the Desk Ciffier, Otto and Index for the conduct or general in an error used to impose an objection does not display a cumrity valid OHE control number, this conduct or general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required in the general is</td>		CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Comma and Re Budget. ME 2. DOC ME 2. DOC VER Fort Calhoun Station VInqualified Coating used as a Water Tight Barr ATE 6. LER NUMBER 7. REPORT DATE YEAR SEQUENTIAL NUMBER REV NO. MONTH DAY YEAR 2013 2013 - 015 - 1 2 14 2014 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE I PACIL 20.2201(b) 20.2203(a)(3)(i) 20.2203(a)(3)(i) 20.2203(a)(2)(i) D.36(c)(1)(i)(A) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(ii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iii) D.36(c)(2) 20.2203(a)(2)(iv) D.36(c)(2) 20.2203(a)(2)(iv)	CENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block) Estimated burden per r request: 80 hours. Re ormission. Washington, Do Dolectin dees not displa not conduct or sponsor. ME Fort Calhoun Station 2. DOCKET NUMBER 05000285 Unqualified Coating used as a Water Tight Barrier in Rooms 0500285 2. DOCKET NUMBER 05000285 VEAR Fort Calhoun Station 0.0 VEAR SEQUENTIAL NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 VEAR VEAR NUMBER 7. REPORT DATE 8.0 MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENT 0.0 DO2.2201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20201(b) 20.2203(a)(3)(i) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) VEL 20.2203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(ii) 50.36(c)(1)(i)(A) 50.73(a)(2) 50.73(a)(2) D0.20203(a)(2)(Estimated burden per response to correquest: 80 hours. Reported lessons licensing process and to back bindwood estimate to the FOM/Physics Section Conductors for equired number of digits/characters for each block) Center Conductor Conductors (Center Conductors) ME Fort Calhoun Station 2.0CKET NUMBER Conductor sponsor, and a period process, and a period conductor sponsor, and conductor sponsor, and a period conductor sponsor, and conductor sponso	Estimated burden per response to comply with request: 80 hours. Reported lessons learned licensing process and 8d back to industry. Serie J. Commission, Washington, DC 20350.01 (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. Fig. 2015) (Fig. 2015) (Fig. Fig. 2015) (Fig.	Estimated burden per response to comply with this margeust: 80 hours. Reported lessons learned are incomplements of indexing process and de basend are incomplements. NEGE-1920, (3157 FS), U.S. Margending, DC 20058. If a means used to import of digits/characters for each block) ME Fort Calhoun Station a person is not required in umber of digits/characters for each block) ME 2. DOCKET NUMBER 3. PAGE OBJOINT AND	Estimated burden per response to comply with this mandatory request 80 hours. Reported lessons learned are incorporate licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to industry. Sand comments regard licensing process and led back to the Desk Ciffier, Otto and Index for the conduct or general in an error used to impose an objection does not display a cumrity valid OHE control number, this conduct or general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required to response to complex and a general is not required to response to complex and a general is not required to response and a general is not required in the general is

NRC FORM 366A (10-2010)	LICE	LICENSEE EVENT REPORT (LER) CONTINUATION SHEET									
1. FACILITY NAM	ИE	2. DOCKET		3. PAGE							
Fort Calhoun Sta	ation	05000285	YEAR	SEQUENTIAL NUMBER	REV NO.	0	OF	3			
Fort Camoun Stat		05000265	2013	- 015 -	1	2	UF	3			

NARRATIVE

BACKGROUND

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

EVENT DESCRIPTION

During a review of the stations High Energy Line Break (HELB) strategies, on September 23, 2013, it was identified that the floor structure in Rooms 81 and 82 may not maintain its integrity during a high energy line break environment allowing water to migrate into the rooms below that houses the diesel generators and safety related switchgear. This was reported on September 23, 2013, under 10 CFR 50.72(b)(3)(ii)(B), Unanalyzed Condition (Event Notification 49378). Fort Calhoun Station was shutdown in MODE 5 when the condition was identified and entered into the station's corrective action program as Condition Report (CR) 2013-18103.

USAR Appendix M (Rev 14) documents Postulated High Energy Line Breaks (HELB) outside Containment. Section 3.5.7 in Appendix M, "Protection against flooding in Room 81", in part states, "In the event of the postulated feedwater line rupture in Room 81, water would accumulate on the floor of the room. Certain modifications have been made to ensure that water will not pass through the floor of Room 81 around piping, cable trays, conduit and ventilation ductwork into the switchgear area and electrical penetration area on the floor below."

Rooms 56, 64, 63 and 19 contain the electrical switchgear, diesel generators and auxiliary feedwater pumps.

This report is submitted pursuant to 10 CFR 50.73(a)(2)(ii)(B), any event or condition that resulted in: the nuclear power plant being in an unanalyzed condition that significantly degraded plant safety.

CONCLUSION

A cause evaluation was completed and determined that corrective actions in CR 2009-0687 root cause analysis (RCA) did not resolve water intrusion into Auxiliary Building rooms containing safety related equipment due to lack of technical rigor and flawed decision making.

CR 2009-0687, "Unanalyzed Condition Resulting From Flooding in Room 82," (03/26/2009), identified a condition where a potential failure of both diesel generators could occur due to water leakage into Room 82.

CORRECTIVE ACTIONS

Actions Completed to Address Floor Leaks:

The floor in Room 82 was recoated.

The seismic gap between containment and the auxiliary building was sealed.

All penetrations that had openings below 2 feet above the floor were coated and the area around the impingement plate was sealed.

Cracks in the ceilings of the switchgear and upper electrical penetration rooms were repaired.

Actions Remaining to Address Floor Leaks:

NRC FORM 366A

(10-2010)

LICENSEE EVENT REPORT (LER) CONTINUATION SHEET

1. FACILITY NAME Fort Calhoun Station	2. DOCKET		3. PAGE				
	05000005	YEAR	SEQUENTIAL NUMBER	REV NO.	•	OF	0
	05000285	2013	- 015 -	1	3	OF	3

NARRATIVE

The floor in Room 81, the hallway between Room 82 and the filter area, and the filter area floor will be recoated.

Update USAR Appendix M to reflect calculation FC08313, Fort Calhoun Room 81 Flooring Analysis.

Develop and implement a quarterly preventive maintenance task to inspect the floor coatings in Rooms 81 and 82.

LONG TERM CORRECTRIVE ACTIONS

Significant changes were made to CAP processes and included the development and implementation of FCSG-24-7, Effectiveness Review of Corrective Actions to Prevent Recurrence (CAPRs). These changes are credited for resolving the problem of an inadequate corrective action to prevent recurrence (CR 2009-0687).

Revise and issue Procedures PED-HU-1, "Engineering Human Performance Program", PED-HU-2, "Human Performance Tools for Engineering", and PED-HU-3, "Engineering Risk and Rigor" or implement equivalent new procedures based on the gap analyses.

SAFETY SIGNIFICANCE

Potential Impact: In the event of a steam or Feedwater line break (HELB), the movement of water from Rooms 81 and 82 through floor cracks, gap, and/or penetrations could expose the switchgear and diesel generators to water intrusion conditions that could make them incapable of meeting performance requirements assumed in the current licensing basis.

SAFETY SYSTEM FUNCTIONAL FAILURE

This does not represent a safety system functional failure in accordance with NEI 99-02, Revision 7.

PREVIOUS EVENTS

CR 2009-0687, "Unanalyzed Condition Resulting From Flooding in Room 82," (03/26/2009), identified a condition where a potential failure of both diesel generators could occur due to water leakage into Room 82.