

Power Reactor

Event # 48089

<b>Site:</b> FORT CALHOUN		<b>Notification Date / Time:</b> 07/11/2012 10:14 (EDT)	
<b>Unit:</b> 1	<b>Region:</b> 4	<b>State :</b> NE	<b>Event Date / Time:</b> 02/12/2012 14:54 (CDT)
<b>Reactor Type:</b> (1) CE		<b>Last Modification:</b> 07/11/2012	
<b>Containment Type:</b> DRY AMB			
<b>NRC Notified by:</b> ERICK MATZKE		<b>Notifications:</b> ART BURRITT R1DO	
<b>HQ Ops Officer:</b> DONG HWA PARK		ALAN BLAMEY R2DO	
<b>Emergency Class:</b> NON EMERGENCY		ERIC DUNCAN R3DO	
<b>10 CFR Section:</b>		MARK HAIRE R4DO	
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE		PART 21 GROUP	

Unit	Scram Code	RX Crit	Init Power	Initial RX Mode	Curr Power	Current RX Mode
1	N	No	0	Cold Shutdown	0	Cold Shutdown

**PART 21 - FAILED AUXILIARY CONTACTOR AFFECTING DIESEL GENERATOR**

"On February 10, 2012, during the monthly testing of Diesel Generator 1 (DG-1), speed was raised from 500 RPM to 900 RPM. At approximately 750 RPM, the generator field did not 'flash', a term used to describe the normal voltage buildup in the field of a generator. Initial troubleshooting identified that the auxiliary contacts on the 2CR contactor did not close. This caused the field flash failure. The failure of the auxiliary contacts on the 2CR contactor prevented the diesel generator from performing its designed safety function. The specific part which fails to comply or contains a defect is General Electric CR105X300 auxiliary contactor. The auxiliary contactor was manufactured by General Electric Company and supplied by Nuclear Logistic, Incorporated, as an auxiliary part of a General Electric CR305 contactor.

"Further evaluation of the failure determined it to be reportable under 10CFR21 on June 8, 2012. The Corporate Officer was informed on June 13, 2012. The Regional Administrator was notified as required, but, due to an oversight, this report was not made to the Operations Center. The required 30 day report has been submitted (ML 121910230)."

The licensee has notified the NRC Resident Inspector.

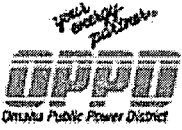
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JE19  
MLC

## HOO Hoc

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**From:** MATZKE, ERICK P [ematzke@oppd.com]  
**Sent:** Wednesday, July 11, 2012 10:13 AM  
**To:** HOO Hoc  
**Subject:** Fort Calhoun Station Notification  
**Attachments:** 10CFR21 CR2012-01033.pdf



### **Erick Matzke**

Senior Nuclear Licensing Engineer  
Omaha Public Power District  
Fort Calhoun Station, Mail Stop: FC-2-4  
9610 Power Lane, Blair NE 68008  
402-533-6855  
[ematzke@oppd.com](mailto:ematzke@oppd.com)

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NRC FORM 361  
(12-2000)

U.S. NUCLEAR REGULATORY COMMISSION  
OPERATIONS CENTER

**REACTOR PLANT  
EVENT NOTIFICATION WORKSHEET**

EN #

NRC OPERATION TELEPHONE NUMBER: PRIMARY -- 301-816-5100 or 800-532-3469\*, BACKUPS -- [1st] 301-951-0550 or 800-449-3694\*, [2nd] 301-415-0550 and [3rd] 301-415-0553  
\*Licensees who maintain their own ETS are provided these telephone numbers.

NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	NAME OF CALLER	CALL BACK #
	Ft. Calhoun Station	1	Erick Matzke	402-533-6855

EVENT TIME & ZONE	EVENT DATE	POWER/MODE BEFORE	POWER/MODE AFTER
1454CST	02/12/2012	0% 5	0% 5

EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		(v)(A) Safe S/D Capability	AINA
GENERAL EMERGENCY	GEN/AAEC	TS Deviation	ADEV	(v)(B) RHR Capability	AINB
SITE AREA EMERGENCY	SIT/AAEC	4-Hr. Non-Emergency 10 CFR 50.72(b)(2)		(v)(C) Control of Rad Release	AINC
ALERT	ALE/AAEC	(i) TS Required S/D	ASHU	(v)(D) Accident Mitigation	AIND
UNUSUAL EVENT	UNU/AAEC	(iv)(A) ECCS Discharge to RCS	ACCS	(xii) Offsite Medical	AMED
50.72 NON-EMERGENCY	(see next columns)	(iv)(B) RPS Actuation (scram)	ARPS	(xiii) Loss Comm/Asmt/Resp	ACOM
PHYSICAL SECURITY (73.71)	DDDD	(xi) Offsite Notification	APRE	60-Day Optional 10 CFR 50.73(a)(1)	
MATERIAL/EXPOSURE	B???			Invalid Specified System Actuation	AINV
FITNESS FOR DUTY	HFT	8-Hr. Non-Emergency 10 CFR 50.72(b)(3)		Other Unspecified Requirement (Identify)	
OTHER UNSPECIFIED REQMT.	(see last column)	(ii)(A) Degraded Condition	ADEG	10CFR21	NONR
INFORMATION ONLY	NNF	(ii)(B) Unanalyzed Condition	ALUNA		NONR
		(iv)(A) Specified System Actuation	AESF		NONR

**DESCRIPTION**

Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. (Continue on back)

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NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	<input type="checkbox"/> YES (Explain above)	<input checked="" type="checkbox"/> NO
NRC RESIDENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DID ALL SYSTEMS FUNCTION AS REQUIRED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO (Explain above)
STATE(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MODE OF OPERATION UNTIL CORRECTED:	0	ESTIMATED RESTART DATE:
LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADDITIONAL INFO ON BACK	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
OTHER GOV AGENCIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			