



Crystal River Nuclear Plant Docket No. 50-302 Operating License No. DPR-72

December 14, 2006 3F1206-03

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

Subject: CRYSTAL RIVER UNIT 3 - LICENSEE EVENT REPORT 50-302/2006-002-00

Dear Sir:

Florida Power Corporation, currently doing business as Progress Energy Florida, Inc., hereby submits Licensee Event Report (LER) 50-302/2006-002-00. The LER discusses Emergency Diesel Generator EGDG-1A being inoperable for a period of time greater than allowed by the CR-3 Improved Technical Specifications (ITS). The EGDG-1A output breaker closing coil was not charged due to mispositioning of the charging motor direct current power control switch. During this time, EGDG-1B was removed from service for scheduled maintenance and testing, rendering both trains of the onsite Emergency Alternating Current System inoperable. This report is being submitted pursuant to 10CFR50.73(a)(2)(i)(B) and 10CFR50.73(a)(2)(v)(D).

No new regulatory commitments are made in this letter.

If you have any questions regarding this submittal, please contact Mr. Paul Infanger, Supervisor, Licensing and Regulatory Programs at (352) 563-4796.

Sincerely,

don A. Franke Plant General Manager Crystal River Nuclear Plant

JAF/dwh

Enclosure

xc: Regional Administrator, Region II Senior Resident Inspector NRR Project Manager

Progress Energy Florida, Inc. Crystal River Nuclear Plant 15760 W. Powerline Street Crystal River, FL 34428

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(6-2004) LICENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block)					reque licens estima Nucle e-mai and R Budge collec may r	ated burden per re est: 50 hours. Rep sing process and fed ate to the Records ar Regulatory Comr il to infocollects @ nr Regulatory Affairs, NC et, Washington, DC tion does not displa not conduct or spon nation collection.	orted la l back to and FC mission, c.gov, a EOB-10 20503. ay a cu	essons le b industry. DIA/Privac Washingt nd to the 202, (3150 . If a mea rrently vali	arned are Send commy Service B on, DC 205 Desk Office H0104), Offi ns used to d OMB cor	incorp ranch 55-000 r, Offic ce of M imposi itrol nu	orated egarding (T-S F8 11, or by e of Infe lanager an infe mber, 1	into the g burden 52), U.S. y internet ormation nent and ormation the NRC				
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	FACILITY NAME Dennis W. Herrin – Engineer (Licensing & Regulatory Programs) (352) 563-4633															
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	EE EVENT F	EPORT	(LE	R)				:
1. FACILITY NAME	2. DOCKET NUMBER (2)		6. LE	R NUMBER			5	
CRYSTAL RIVER UNIT 3	05000302	YEAR SEQUENTIAL REVISION						
		_2	OF	8				
	es of NRC Form 36	6A)						
 EVENT DESCRIPTION At 14:00, on November 1, 2006, Prograws operating in MODE 1 (POWER OF when attempts to close Emergency Diesel BKR] during the performance of Surveil Emergency Diesel Generator EGDG-1/Breaker 3209 charging motor [EK, MO] OFF position, instead of the expected C control switch was restored to the ON p closing spring and Breaker 3209 was sicharged with the charging motor DC potengineered Safeguards (ES) 4160V (with the charged for the ES 480V breakers [ED, not have charged springs. Breaker 3209 is a Type 5HK, 1200 throm Boveri (ABB). The breaker closes with breaker contacts. Immediately after brow closing spring to enable the breaker to breaker causes the charging of the oper when the breaker opens. The charging motor is powered by DC on DC knife switch, located in the upper probreaker functions and the charging motor toggle a position such that the lower cubicle dipossible to actuate the toggle switch with the class 1E AC (Alternating OPERABLE in MODES 1, 2, 3 and 4. 72 hours. At the time of discovery, EGC Condition B, for performance of SP-354 before completion of SP-354A. 	ess Energy Flo PERATION) at sel Generator llance Proceda A," were not su direct current DN position. A position, the ch uccessfully clo ower control sw olt) breakers [I , BKR] in the c ough 3000 amp the force of a eaker closure, be capable of ening spring. T control power. ortion of the ca breaker cubic e switch was fo oor must be o th just the small g spring had th D9 was unable esel generator Current) Elect ITS 3.8.1, Cor DG-1A was al A. Breaker 3 on October 4, was transport e PM-101, "4.1	orida, Inc. 100 perc EGDG-1, ure SP-35 uccessful. (DC) pow t 14:20, or arging mo osed. Clo vitch in the EB, BKR]. pen posit Dere, brea charged of the charge future clo The closin The con- ubicle, wh ing motor be which i bund OFF pened to g all sliding ne conseq to close. s (EDGs) rical Powe dition B, a ready und 209 was r	ent l A [E jAA, Notor single con Notor s	RATED T K, DG] ou "Monthly investiga control sw ovember operated springs v N position osing spri Closed E manufact ing spring motor act es. The closed oring is no power ma solates D o has a D ates powe his switch r open, us ce of renco proved Te ch capabl istribution vs one EE he provision ored to an - 3209 was ker Test S and 6.9KV	HERMAL Juput Breat Function tion condition condition condi- titon condition condi- titon condition condi- titon (EK, 1, 2006 t for the reat of the reat for the reat for the reat states to losing act to that close to a set of supp System, DG to be for operable s removed Shop (BTS)	POW aker 3 al Tes luded 33] wa he DC e the b ied to e the b ied to e the b breake kees the rechar tion of disch rrupted hargin ally loo s. It is l. DG-1 ipowe s 3.8. cond d from 6) for the ear Bro	/ER 209 [EK 209 [EK 209 [EK 209 [EK 209 [EK 209 [EK 209 [EK 200 [EK 20	e e n
	1. FACILITY NAME CRYSTAL RIVER UNIT 3 TO ARRATIVE (If more space is required, use additional copil EVENT DESCRIPTION At 14:00, on November 1, 2006, Progree was operating in MODE 1 (POWER OF when attempts to close Emergency Die BKR] during the performance of Survei Emergency Diesel Generator EGDG-1/ Breaker 3209 charging motor [EK, MO] OFF position, instead of the expected (control switch was restored to the ON p closing spring and Breaker 3209 was s charged with the charging motor DC po Engineered Safeguards (ES) 4160V (w charged for the ES 480V breakers [ED, not have charged springs. Breaker 3209 is a Type 5HK, 1200 thro Boveri (ABB). The breaker closes with breaker contacts. Immediately after bre closing spring to enable the breaker to breaker causes the charging of the ope when the breaker opens. The charging motor is powered by DC o DC knife switch, located in the upper p breaker functions and the charging mot toggle switch in the lower portion of the motor only. This charging motor toggle a position such that the lower cubicle d possible to actuate the toggle switch wi The existence of the discharged closing inoperable because output Breaker 320 (ITS) 3.8.1, requires two emergency die of the onsite Class 1E AC (Alternating OPERABLE in MODES 1, 2, 3 and 4. 72 hours. At the time of discovery, EGI Condition B, for performance of SP-354 before completion of SP-354A. During the EGDG-1A outage conducted cubicle in the Train A ES switchgear and using Preventive Maintenance procedure During PM-101 testing, the breaker remo	1. FACILITY NAME 2. DOCKET NUMBER (2) CRYSTAL RIVER UNIT 3 05000302 17. NARRATIVE (If more space is required, use additional copies of NRC Form 36 EVENT DESCRIPTION At 14:00, on November 1, 2006, Progress Energy Flowas operating in MODE 1 (POWER OPERATION) at when attempts to close Emergency Diesel Generator BKR] during the performance of Surveillance Proceds Emergency Diesel Generator EGDG-1A," were not sub Breaker 3209 charging motor [EK, MO] direct current OFF position, instead of the expected ON position, the of closing spring and Breaker 3209 was successfully cid charged with the charging motor DC power control sw Engineered Safeguards (ES) 4160V (volt) breakers [I charged for the ES 480V breakers [ED, BKR] in the o not have charged springs. Breaker 3209 is a Type 5HK, 1200 through 3000 amp Boveri (ABB). The breaker closes with the force of a breaker causes the charging of the opening spring. T when the breaker opens. The charging motor is powered by DC control power. DC knife switch, located in the upper portion of the ca breaker functions and the charging motor. The charg toggle switch in the lower portion of the breaker cubic motor only. This charging motor toggle switch was for a position such that the lower cubicle door must be op possible to actuate the toggle switch with just the sma The existence of the discharged closing spring had th inoperable because output Breaker 3209 was unable (ITS) 3.8.1, requires two emergency diesel generator of the onsite Class 1 E AC (Alternating Current) Elect OPERABLE in MODES 1, 2, 3 and 4. ITS 3.8.1, Con 72 hours. At the time of discovery, EGDG-1A was all Condition B, for performance of SP-354A. Breaker 3 before completion of SP-354A. Breaker 3 before completion of SP-354A. Breaker 3 before completion of SP-354A.	1. FACILITY NAME 2. DOCKET NUMBER (2) CRYSTAL RIVER UNIT 3 05000302 VEAR 2006 2006 17. NARRATIVE (If more space is required, use additional copies of NRC Form 3864) EVENT DESCRIPTION At 14:00, on November 1, 2006, Progress Energy Florida, Inc. was operating in MODE 1 (POWER OPERATION) at 100 perc when attempts to close Emergency Diesel Generator EGDG-1. BKR] during the performance of Surveillance Procedure SP-32. Emergency Diesel Generator EGDG-1.A," were not successfull. Breaker 3209 charging motor [EK, MO] direct current (DC) pov OFF position, instead of the expected ON position. At 14:20, of control switch was restored to the ON position, the charging m closing spring and Breaker 3209 was successfully closed. Clo charged with the charging motor DC power control switch in th Engineered Safeguards (ES) 4160V (volt) breakers [EB, BKR], charged for the ES 480V breakers [ED, BKR] in the open posit not have charged springs. Breaker 3209 is a Type 5HK, 1200 through 3000 ampere, brea Boveri (ABB). The breaker closes with the force of a charged breaker causes the charging of the opening spring. The closin when the breaker opens. The charging motor is powered by DC control power. The con DC knife switch, located in the upper portion of the cubicle, wh breaker functions and the charging motor. The charging moto toggle switch in the lower portion of the breaker cubicle which imotor only. This charging motor toggle switch was found OFF a position such that the lower cubicle door must be opened to possible to actuate the toggle switch with just the small sliding inoperable because	1. FACILITY NAME 2. DOCKET NUMBER (2) 6. LE CRYSTAL RIVER UNIT 3 05000302 vean si 17. NARRATIVE (If more space is required, use additional copies of NRC Form 3864) EVENT DESCRIPTION At 14:00, on November 1, 2006, Progress Energy Florida, Inc. (PE was operating in MODE 1 (POWER OPERATION) at 100 percent when attempts to close Emergency Diesel Generator EGDG-1A, Edd Edd Edd Edd Edd Edd Edd Edd Edd Ed	NUMBER (2) LER NUMBER (2) CRYSTAL RIVER UNIT 3 05000302 YEAR SEQUENTAL 2006 002 - 17. NARRATIVE (If more space is required, use additional copies of NRC Form 3664) EVENT DESCRIPTION At 14:00, on November 1, 2006, Progress Energy Florida, Inc. (PEF), Crysta was operating in MODE 1 (POWER OPERATION) at 100 percent RATED T when attempts to close Emergency Diesel Generator EGDG-14, "were not successful. An investige Breaker 3209 charging motor [EK, MO] direct current (DC) power control sw OFF position, instead of the expected ON position. At 14:20, on November control switch was restored to the ON position, the charging motor operated closing spring and Breaker 3209 was successfully closed. Closing springs charged with the charging motor DC power control switch in the ON position Engineered Safeguards (ES) 4160V (volt) breakers [EB, BKR]. Closing spring charged for the ES 480V breakers [ED, BKR] in the open position. Closed F not have charged springs. Breaker 3209 is a Type 5HK, 1200 through 3000 ampere, breaker manufact Boveri (ABB). The breaker closes with the force of a charged closing spring breaker contracts. Immediately after breaker closing the opening spring. The closing spring is no when the breaker opens. The charging motor is powered by DC control power. The control power me DC knife switch, located in the upper portion of the cubicle, which isolates powe motor only. This charging motor toggle switch was found OFF. This switch a position such that the lower cubicle door must be opened to gain reasonal possible to actuate the toggle switch with just the small sliding door open, us the existence of the discharged closing spring had the consequence of renot inoperable because output Breaker 3209 was unable to	1. FACILITY NAME 2. DOCKET NUMBER (2) 6. LER NUMBER CRYSTAL RIVER UNIT 3 05000302 YEAR SEGURITAL NUMBER 2006 - 002 - 00 17. NARRATIVE (If more space is required, use additional copies of NRC Form 3864) EVENT DESCRIPTION At 14:00, on November 1, 2006, Progress Energy Florida, Inc. (PEF), Crystal River U was operating in MODE 1 (POWER OPERATION) at 100 percent RATED THERMAL when attempts to close Emergency Diesel Generator EGDG-1A [EK, DG] output Bree BKR] during the performance of Surveillance Procedure SP-354A, "Monthly Function Emergency Diesel Generator EGDG-1A," were not successful. An investigation conc Breaker 3209 charging motor [EK, MO] direct current (DC) power control switch IEK, OFF position, instead of the expected ON position, the charging motor operated to charge closing spring and Breaker 3209 was successfully closed. Closing springs were veri charged for the ES 4800 V breakers [EB, BKR]. Closing springs were charged for the ES 4800 Visckers [ED, BKR] in the open position. Closed ES 480V in ot have charged springs. Breaker 3209 is a Type 5HK, 1200 through 3000 ampere, breaker manufactured by A Boveri (ABB). The breakers (closes with the force of a charged closing spring that clos breaker contacts. Immediately after breaker closure, the charging motor actuates to closing spring to enable the breaker to be capable of future closures. The closing act breaker acuses the charging motor. The charging motor actuates to closing spring to enable the breaker close must be opneed to gain reasonable acces possible to actuate the toggle switch with just the small sliding door open, using a to closing spring motor is powered by DC control power. The control power may be inte DC knife switch, loccated in the upper portion of the cubicle, which isol	1. FACILITY NAME 2. DOCKET NUMBER (2) 6. LER NUMBER CRYSTAL RIVER UNIT 3 05000302 veran SEQUENTIAL REASON 2006 002 00 2 17. NARRATIVE (// more space is required, use additional copies of NRC Form 380A) EVENT DESCRIPTION At 14:00, on November 1, 2006, Progress Energy Florida, Inc. (PEF), Crystal River Unit 3 (was operating in MODE 1 (POWER OPERATION) at 100 percent RATED THERMAL POW when attempts to close Emergency Disesi Generator EGDC-1A [EK, DG] output Breaker 3 BKR] during the performance of Surveillance Procedure SP-354A, "Monthly Functional Tes Emergency Disesi Generator EGDG-1A," were not successful. An investigation concluded Breaker 3209 charging motor [EK, MO] direct current (DC) power control switch [EK, 33] wu OFF position, instead of the expected ON position. At 14:20, on November 1, 2006 the DC control switch was restored to the ON position, the charging motor pertated to charge the 1 closing spring and Tesaker 3209 was successfully closed. Closing springs were verified to charged with the charging motor DC power control switch in the ON position for the remain Engineered Safeguards (ES) 4160V (volt) breakers [EB, BKR]. Closing springs were verified to charged springs. Breaker 3209 is a Type 5HK, 1200 through 3000 ampere, breaker manufactured by Asea E Boveri (ABB). The breaker closes with the force of a charged closing spring that closes the breaker contacts. Immediately after breaker closure, the closing scring sorting spring to enable the breaker closure with is isolates DC control power breaker causes the charging motor robuse befunct closures. The closing scring is not used or disch when the breaker opens. <	1. FACILITY NAME 2. DOCKET NUMBER (2) 6. LER NUMBER 3. PAGE CRYSTAL RIVER UNIT 3 05000302 YeAR SEQUETIVE NUMBER Image: Secuence 2006 0.02 0.0 2 0F 17. NARRATIVE (// more space is required, use additional copies of NRC Form 3864) EVENT DESCRIPTION X X X 1.00 Descretation (1, USA additional copies of NRC Form 3864) EVENT DESCRIPTION X X1 14:00, on November 1, 2006, Progress Energy Florida, Inc. (PEF), Crystal River Unit 3 (CR-3) was operating in MODE 1 (POWER OPERATION) at 100 percent RATED THERMAL POWER when attempts to close Emergency Dises (Generator EGDG-1A (1, K), Ware not successful. An Investigation concluded that the Breaker 3209 taging motor [EK], MQ (direct current (ICC) power control switch (EK, S3) was in th OFF position, Instead of the expected ON position. At 14:20, on November 1, 2006 the DC power control switch in the ON position for the remaining Engineered Safeguards (ES) 4160V (volt) breakers (EB, BKR). Closing springs were verified to be charged with the charging motor CD cower control switch in the ON position. The ON position of the remaining Engineered Safeguards (ES) 4160V (volt) breakers (EB, BKR). Closing springs were verified to be charged for the ES 480V breakers [ED, BKR] in the open position. Closed ES 480V breakers will not have charged springs. Breaker 3209 is a Type 5HK, 1200 through 3000 ampere, breaker manufactured by Asea Brown Boveri (ABB). The breaker closes with the force of a charged closing spring that closes the breaker cotacts. Immediately affer breaker 3000 sure, in the ON position. Closed

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	2. DOCKET		·		ER			3. PAG	E
CRYSTAL RIVER UNIT 3	NUMBER (2) 05000302	6. LER NUMBER SEQUENTIAL NUMBER NUMBER			ON				
17. NARRATIVE (If more space is required, use additional copie	as of NBC Form 36	2006 54)	-	002	-	00	3	OF	8
After Breaker 3209 was returned to the Train B ES Switchgear Room. It is cert was operated at this time, as PM-101 te transported to the Train A ES Switchge cubicle. Breaker installation was perfor governed by procedure or specific instru- proper restoration. Operations personn the charging motor DC power control to process.	ain that the ch esting required ar Room and med as "skill uctions capab nel did not veri	arging m I. Follow subseque of the cra le of eithe fy breake	notor l ing th ently i ft" an er tra er clo:	DC pow nis test Installe d was cking c sing sp	wer ing, ed ir not conf oring	control , the bre nto the l docum iguratio g status	toggle eaker v Breake ented on or en or sta	e switch was er 3209 or nsuring tus of	
During performance of the final portion DC power control toggle switch in the ir Breaker 3209 closing spring. Since Bre Maintenance personnel had no reason power control toggle switch located in the of events cannot be determined, mispo- control toggle switch likely occurred dur information, EGDG-1A was inoperable 2006.	ncorrect position eaker 3209 per to recheck or he closed breat sitioning of the ring activities p	on, the ch rformed a verify the aker cubic Breaker performed	nargir as ex posi cle. / 3209 d on (ng moto pected tion of Althoug DC c Dctobe	or d I, O the gh t har er 4,	lid not o peratior chargin he prec ging mo , 2006.	charge ns and ng mot ise sec otor DC Basec	the for DC quence C powe d on this	r
A review was performed to determine if 2006 and November 1, 2006. EGDG-1 15:30 on October 19, 2006, (approxima ITS 3.8.1. During this time, both EDGs	B was inoperately 35 hours)	ble from for sche	04:3 dulec	1 on O I maint	cto	ber 18,	2006,	throug	า
EGDG-1A being inoperable from Octob reportable under 10CFR50.73(a)(2)(i)(E 2006 through 15:30 on October 19, 200 condition is not reportable under 10CFF of discovery.	 Both EDG is reportable 	s being o e under 1	perat 0CFI	ble fron R50.73	n 04 3(a)	4:31 on (2)(v)(D	Octob). This	S	
SAFETY CONSEQUENCES									
In the event of a loss of offsite power, the ES loads by feeding the ES 4160V bush motive power to equipment required for accidents. This event resulted in the in this period, EGDG-1B was out of service rendering both EDGs inoperable.	ses. The EDC r safe shutdow operability of 1	as are rea n of the p EGDG-1/	quire plant A for a	d to be and for approx	op or the cime	erable t e mitiga ately 28	o prov ation of days.	ide During	

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NRC FORM 366A (1-2001)			U.S. N	UCLEAR R	EGULA	TORY CON	IMISSION	
	INSEE EVENT R	REPORT	(LER)					
1. FACILITY NAME	2. DOCKET NUMBER (2)		6. LER NUMBER			•		
CRYSTAL RIVER UNIT 3	05000302	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER				
		2006	- 002 -	00	4	OF	8	
17. NARRATIVE (If more space is required, use additional	-	-						
The event was not safety significar during this time and was capable o condition present on Breaker 3209 corrected within 11 minutes from th toggle switch.	f supplying the "A" was quickly diagn	' ES 4160 losed by t	V bus, if need he control roc	ded. Add om staff a	litional and wa	lly, the as		
Using the CR-3 current Probabilisti this plant condition can be evaluate have been made: (1) Breaker 3209 be out for one month; and (3) EGD assumptions are conservative and	ed for risk significa is assumed be ur G-1B is assumed	nce. The nrecoveral	following bou ble; (2) Break	unding as er 3209 i	sump [:] is assi	tions umed to		
year and the Incremental Core Dar exposure time. The delta core dan	The delta core damage frequency for EGDG-1A being out of service is approximately 2.00E-6 per year and the Incremental Core Damage Probability (ICDP) is less than 2.00E-7 for a one month exposure time. The delta core damage frequency of EGDG-1A and EGDG-1B being out of service concurrently is approximately 3.00E-5 per year and the ICDP is less than 2.00E-7 for a two day exposure time.							
Therefore, the total ICDP for this ev risk and is considered to be very lo			-7. This is a v	very sma	II incre	ease in		
days did not represent a reduction reportable under 10CFR50.73(a)(2	Based on the above discussion, PEF concludes that inoperability of both EDGs for a period of two days did not represent a reduction in the public health and safety. Since the identified condition is reportable under 10CFR50.73(a)(2)(v)(D), this event does meet the Nuclear Energy Institute definition of a Safety System Functional Failure (NEI 99-02, Revision 2).							
CAUSE								
The cause for this event was that C correct operable condition following	•	ensure B	reaker 3209 v	vas returi	ned to	the		
2006. This testing included the op- cycling of the breaker to verify brea the Train B ES switchgear room, w	PM-101 was conducted on the refurbished Breaker 3209 satisfactorily in the BTS on October 4, 2006. This testing included the operation of the charging motor toggle switch to ON and the cycling of the breaker to verify breaker operation. After this testing, the breaker was transported to the Train B ES switchgear room, where it received further testing which included the operation of the charging motor and the cycling of the breaker. The personnel performing PM-101 were experienced electricians.							
The breaker was then transported to the Train A ES switchgear room. It was originally expected that Operations personnel would lift the clearance, rack the breaker in, and restore control power via the DC knife switch. Operations Procedure OP-703, "Plant Distribution System," if used, would ensure that the DC charging motor toggle switch for Breaker 3209 was in the ON position and that the charging springs were charged.								

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NRC FORM 366A		U.S. NUCLEAR R	EGULATORY COMMISSION
LICENS	EE EVENT F	REPORT (LER)	
1. FACILITY NAME	2. DOCKET NUMBER (2)	6. LER NUMBER	3. PAGE
CRYSTAL RIVER UNIT 3	05000302	YEAR SEQUENTIAL REVISION NUMBER NUMBER 2006 - 002 - 00	5 OF 8
17. NARRATIVE (If more space is required, use additional copi	L ies of NRC Form 36		5 OF 8
 The clearance restoration position for E discussions between the personnel inv personnel perform the breaker racking out by Electrical Shop personnel during 4160V ES Bus "A" Undervoltage and D was modified to "Tag Removed." Elect breaker. At the time, the electricians w This evolution was performed via "skill in the switchgear room were experience SP-907A was subsequently performed by performance of SP-354A, as the post Procedure CP-113D, "Post Maintenance operationally and functionally following requires the breaker to be racked out. charging springs recharge on 4160V bit maintenance and testing on October 4, with the charging motor toggle switch is of the Post Maintenance Testing proce CR-3 concluded that malicious tamperimotor DC power control toggle switch to position. Indicators used by Security p activities were not present. Site relations sound. There is no history of malicious Progress Energy as a whole. There is Behavioral Observation program at CR Also, anyone with intent to disable Breatours through the area could very easily Security Door C-201 were reviewed an other than personnel who are expected does not consider that willful tampering 	Breaker 3209 v volved resulted for Breaker 32 g performance Degraded Grid trical Shop per- vere not expect of the craft." ed personnel. I to test the Tra- st maintenanc ce Testing," re- breaker repla CP-113D doe reakers followi , 2006, the bre- n the ON posit ess. ing was not a l being in the OI personnel to de ons between m s activities with a robust Fitne A-3, both of wh Switchgear roo of toggle switch ough the card-r aker 3209 wou y result in thein d CR-3 conclu-	was originally "Racked In". How I in a decision to have Electrical 209 since this breaker would be of SP-907A, "Monthly Functional Relaying." The clearance restor rsonnel did not use OP-703 to re- ted to use OP-703 when racking The Operations and Electrical Si ain A ES Bus undervoltage relay to test for Breaker 3209. Compli- quires that safety related breaker cement or any maintenance or of the operations gring should have too, but this status was never ch likely cause for the Breaker 3208 FF position, instead of the expec- termine the likelihood of sabotar nanagement and employees are non the Crystal River Energy Com the are used to monitor for suspi- om tend to make an intentional and mispositioning. Access to the r reader, tracking all access electri- uld know that routine Operations r discovery. Security records for uded that no personnel entered to art of their normal duties. There	Shop racked in and al Test of ration position estore the g breakers. hop personnel ring, followed iance ers be tested operation which oreaker clusion of the been charged necked as part 9 charging cted ON ge-related considered mplex or ttinual icious activity. act less likely room requires ronically. and Security r access via the room

- CORRECTIVE ACTIONS
- 1. The DC power control switch was restored to the ON position, the charging motor operated to charge the breaker closing spring and Breaker 3209 was successfully closed.

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NRC FORM 366A

(1-2001)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER)

1. FACILITY NAME	2. DOCKET NUMBER (2)	6. LER NUMBER				3. PAGE			
CRYSTAL RIVER UNIT 3	05000302	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER					
	0000002	2006	- 002 -	00	6	OF	8		

17. NARRATIVE (If more space is required, use additional copies of NRC Form 366A)

- 2. An extent of condition review was performed. Other Train A and Train B ES 4160V switchgear breakers were inspected. The closing springs were verified to be fully charged with their charging motor DC power control toggle switches in the ON position. Train A and Train B ES 480V breakers were inspected. The closing springs were verified to be fully charged if the individual breaker was open. (Note: 480v breakers which are closed will not have charged springs.)
- 3. Other actions associated with this event are being addressed in CR-3 Corrective Action Program Nuclear Condition Report NCR 211171.

PREVIOUS SIMILAR EVENTS

No previous similar events involving equipment inoperability due to a mispositioned breaker charging motor DC control power switch have been reported to the NRC by CR-3.

ATTACHMENTS

Attachment 1 - Abbreviations, Definitions, and Acronyms Attachment 2 - List of Commitments

NRC FORM 366A (1-2001)				U	I.S. NUCLEAR RI	EGULA	TORY CO	MMISSION
(1-2007)	LICENS	EE EVENT R	EPORT	(LER)				
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17. NARRATIVE (If more s	pace is required, use additional copie	es of NRC Form 36 ATTACHME	•					
	ABBREVIATION			ACRON	(MS			
ABB AC BTS CFR CP CR-3 DC EGDG ES ICDP ITS KV NCR NEI NRC OP PEF PM SP V NOTES:	Asea Brown Boveri Alternating Current Breaker Test Shop Code of Federal Regular Compliance Procedure Crystal River Unit 3 Direct Current Emergency Diesel Gene Engineered Safeguards Incremental Core Dama Improved Technical Spec Kilovolt Nuclear Condition Repo Nuclear Energy Institute Nuclear Regulatory Corr Operating Procedure Progress Energy Florida Preventive Maintenance Surveillance Procedure Volt Improved Technical Spec MODE 1} Defined terms/acronymsa Reactor Building (RB)}. EIIS codes appear in squ	erator ge Probability cifications rt nmission a, Inc. Procedure cifications defi	appear i	n parenthe	esis when firs	t used	d {e.g.,	

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NRC FORM 366A **U.S. NUCLEAR REGULATORY COMMISSION** (1-2001) LICENSEE EVENT REPORT (LER) 2. DOCKET **1. FACILITY NAME** 6. LER NUMBER 3. PAGE NUMBER (2) REVISION NUMBER SEQUENTIAL NUMBER YEAR **CRYSTAL RIVER UNIT 3** 05000302 8 2006 002 00 OF 8 --17. NARRATIVE (If more space is required, use additional copies of NRC Form 366A) **ATTACHMENT 2** LIST OF COMMITMENTS The following table identifies those actions committed to by PEF in this document. Any other actions discussed in the submittal represent intended or planned actions by PEF. They are described for the NRC's information and are not regulatory commitments. Please notify the Supervisor, Licensing & Regulatory Programs, of any questions regarding this document or any associated regulatory commitments.

RESPONSE SECTION	COMMITMENT	DUE DATE
	No regulatory commitments are being made in this submittal.	

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