

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) CRYSTAL RIVER UNIT 3										DOCKET NUMBER (2) 0 5 0 0 0 3 0 2					PAGE (3) 1 OF 0 2	
TITLE (4) CORE ALTERATIONS PERFORMED WITH NO OPERABLE DIESEL GENERATOR																
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES N/A				DOCKET NUMBER(S) 0 5 0 0 0			
0 7	1 0	8 5	8 5	0 0 9	0 0	0 8	2 6	8 5	N/A				0 5 0 0 0			
OPERATING MODE (9) 6		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)														
POWER LEVEL (10) 0 0 0		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)		
		20.405(a)(1)(i)				50.38(a)(1)				50.73(a)(2)(v)				73.71(c)		
		20.405(a)(1)(ii)				50.38(a)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.405(a)(1)(iii)				X 50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)						
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME W. K. Bandhauer, Nuclear Safety Supervisor										TELEPHONE NUMBER 9 0 4 7 9 5 - 6 4 8 6						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During the 1985 refueling outage at Crystal River Unit 3, both Emergency Diesel Generators (EK, DG) were inoperable for approximately 28 days. During this period, core alterations occurred in violation of Technical Specification 3.8.1.2.

The event was caused by the failure to perform a load sequence timer surveillance test of Emergency Diesel Generator "B" within its prescribed frequency, thus rendering the generator inoperable. At the same time, Emergency Diesel Generator "A" was out of service for maintenance.

Administrative measures have been initiated to prevent recurrence of this and similar events.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)  CRYSTAL RIVER UNIT 3	DOCKET NUMBER (2)  0 5 0 0 0 3 0 2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	— 0 0 9	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

EVENT DESCRIPTION

During the 1985 refueling outage at Crystal River Unit 3, both Emergency Diesel Generators (EK, DG) were scheduled for a surveillance test of their respective load sequence timers to demonstrate diesel generator operability. These timers provide proper sequencing of Engineered Safeguards (ES) components for loading by the Emergency Diesel Generators in the event of an ES system actuation. While this test was performed satisfactorily on Emergency Diesel Generator "A" (EGDG-1A) on June 15, 1985, it was not completed on Emergency Diesel Generator "B" (EGDG-1B) until July 24, 1985. This date was past the required due date of June 2, 1985. Consequently, EGDG-1B was legally inoperable from June 2 until July 24. EGDG-1A was out of service for maintenance from June 27 until July 28, and core alterations were begun on July 10. These actions were contrary to Technical Specification 3.8.1.2 which prohibits core alterations with both Emergency Diesel Generators inoperable.

The event was caused by the failure to recognize that plant procedure SP-443, Master Surveillance Plan, did not require the performance of load sequence timer testing in Modes 5 and 6. This failure was discovered by a plant test engineer during a review of test documentation on July 25, 1985 at which time the event was determined to be reportable. He informed responsible supervision and notified the maintenance department of the requirement to perform the test. Maintenance personnel had already performed the surveillance test on EGDG-1A with satisfactory results. Misunderstandings of surveillance requirements by maintenance personnel had resulted in a delay in performing the test on EGDG-1B until after the surveillance window was exceeded.

SAFETY CONSIDERATIONS

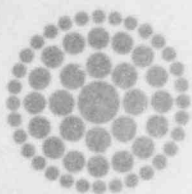
With the exception of its load sequence timers, EGDG-1B was shown to be functioning properly on June 27 prior to placing EGDG-1A out of service. Throughout the period when EGDG-1A was inoperable, CR-3 remained in Modes 5 or 6. The safety impact of this event is considered negligible since adequate time would have been available to manually load EGDG-1B with the necessary Engineered Safeguards components if required.

CORRECTIVE ACTION

To prevent repetition of similar events, an administrative change to SP-443, Master Surveillance Plan, will be implemented to require the testing of load sequence timers in Modes 5 and 6, in addition to Modes 1 through 6. Furthermore, this Licensee Event Report will be reviewed by the appropriate maintenance personnel to emphasize the need to perform surveillance tests on schedule.

PREVIOUS SIMILAR EVENTS

This is the first occurrence of a violation of Technical Specification 3.8.1.2.



**Florida  
Power**  
CORPORATION

August 26, 1985  
3F0885-13

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
Licensee Event Report No. 85-009-00

Dear Sir:

Enclosed is Licensee Event Report (LER) No. 85-009-00 which is submitted in accordance with 10 CFR 50.73.

Should there be any questions, please contact this office.

Sincerely,

G. R. Westafer  
Manager, Nuclear Operations  
Licensing and Fuel Management

DGG/feb

Enclosure

cc: Dr. J. Nelson Grace  
Regional Administrator, Region II  
Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
101 Marietta Street N.W., Suite 2900  
Atlanta, GA 30323

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