

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Waterford 3 Steam Electric Station										DOCKET NUMBER (2) 0 5 0 0 0 3 8 2 1				PAGE (3) 1 OF 3		
TITLE (4) Automatic Actuation of ESF System																
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				DOCKET NUMBER(S)			
06	11	85	85	024	00	07	11	85	N/A				0 5 0 0 0			
OPERATING MODE (9) 5			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)													
POWER LEVEL (10) 01010		20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)		
		20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)		
		20.406(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 388A)		
		20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)						
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME T. Smith, Maintenance Superintendent										TELEPHONE NUMBER AREA CODE 504 464-3138						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO				

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

ABSTRACT

At 1045 hours on June 11, 1985 Waterford 3 Steam Electric Station was in mode 5 (cold shutdown) when a loss of off-site power occurred due to a loss of the "B" side 230 kV incoming feeder line. Emergency Diesel Generator B automatically started due to the electrical bus undervoltage.

The feeder was lost when Louisiana Power & Light Division Technicians were troubleshooting the Main Generator Oil Circuit Breaker B.

Operations Personnel subsequently restored off-site power at 1218 hours.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Waterford 3 Steam Electric Station	0 5 0 0 0 3 8 2	8 5	— 0 2 4	— 0 0	0 2	OF	0 3

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

NARRATIVE

On June 11, 1985 Waterford 3 Steam Electric Station was in mode 5 (cold shutdown) when Operations Personnel were performing procedure OP-903-069, Integrated Emergency Diesel Generator/Engineered Safety Features Test, and Louisiana Power & Light Division Personnel were troubleshooting the Main Generator Oil Circuit Breaker B. As part of the troubleshooting, Division Technicians made several attempts to close the Oil Circuit Breakers. However, the Oil Circuit Breakers would trip after each closure. In order to determine if a remote trip was causing the breaker to trip, Division Technicians removed the Oil Circuit Breakers trip circuit and subsequently closed the Oil Circuit Breaker. Since a remote trip was present, the breaker backup relay saw this condition as a breaker failure and tripped the remote breaker which in turn de-energized the incoming 230 kV feeder to the plant. Since Emergency Diesel Generator B was running as part of the above surveillance, Operations Personnel received numerous alarms on the Generator. An investigation showed that both Generator voltage and frequency were low. Operations Personnel manually tripped the Diesel Generator (the Emergency Diesel Generator would have automatically tripped on overload), and unloaded the 3B-S bus, where upon the output breaker reclosed, and, at 1045 hours, the Emergency Diesel Generator automatically started on bus undervoltage. Operations Personnel subsequently restored off-site power at 1218 hours.

SAFETY CONSEQUENCES AND IMPLICATIONS

Since the above described event occurred when Waterford 3 was in mode 5 (cold shutdown), and since the Emergency Diesel Generator automatically started per design, the temporary loss of off-site power had no effect on plant safety.

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

CORRECTIVE ACTION

Since poor communications between the Control Room Operators and Technicians in the switchyard caused the loss of the 230 kV feeder, standard tag-out requirements will be developed for the Main Generator Oil Circuit Breakers. In addition to the above, training on the Oil Circuit Breaker relays will be conducted for Electrical Maintenance and Operations Personnel.

SIMILAR EVENTS

NONE

PLANT CONTACT

T. Smith, Maintenance Superintendent, 504/464-3138



LOUISIANA
POWER & LIGHT

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NEW ORLEANS, LOUISIANA 70174-8008 • (504) 386-2345

July 11, 1985

W3P85-1430
A4.05

Director, Office of Nuclear Reactor Regulation
ATTENTION: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Reporting of Licensee Event Report

Dear Sirs:

Attached is Licensee Event Report Number LER-85-024-00 for the Waterford 3 Steam Electric Station. This Licensee Event Report is submitted per 10CFR50.73(a)(2)(iv).

Very truly yours,

K.W. Cook
Nuclear Support & Licensing Manager

KWC:GEW:sms

Attachment

cc: R.D. Martin, G.W. Knighton, D.M. Crutchfield, NRC Resident Inspectors
Office, INPO Records Center (J.T. Wheelock), B.W. Churchill,
W.M. Stevenson

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