

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

Waterford 3 Steam Electric Station

DOCKET NUMBER (2)

0 5 0 0 0 3 8 2 1 OF 0 3

PAGE (3)

TITLE (4)

Inadvertent Actuation of Control Room Ventilation 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)
08	01	85	85	036	0	08	03	85	N/A	0 5 0 0 0
									N/A	0 5 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

OPERATING MODE (9)	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
POWER LEVEL (10)	20.405(a)(1)(i)	50.36(e)(1)	50.73(a)(2)(v)	73.71(c)
0 10 10	20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	<input type="checkbox"/>
	20.405(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	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)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME

T. Smith, Maintenance Superintendent

TELEPHONE NUMBER

AREA CODE

5 0 4 4 6 4 - 3 1 3 8

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/>	<input checked="" type="checkbox"/>				

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

ABSTRACT

At 1313 hours on August 1, 1985 Waterford 3 Steam Electric Station was in mode 5 (cold shutdown) when an inadvertent actuation of the Engineered Safety Features portion of the Control Room Ventilation System occurred due to a spike in the Control Room Outside Air Intake Radiation Monitor. This condition recurred at 1349 hours on August 26, 1985. In each case radiation levels were verified to be within the normal background range.

Both events have been attributed to small holes/tears in the foil on the detectors for the radiation monitors. The foil on both detectors have been replaced.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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 3 6	-	0 0	0 2	OF 0 3

TEXT (If more space is required, use additional NRC Form 365A's) (17)

NARRATIVE

At 1313 hours on August 1, 1985 Waterford 3 Steam Electric Station was in mode 5 (cold shutdown) when an inadvertent actuation of the Engineered Safety Features portion of the Control Room Ventilation System occurred due to a spike in the Control Room Outside Air Intake Radiation Monitor (ARM-IRE-0200.5S). This condition recurred in monitor ARM-IRE-0200.2S at 1349 hours on August 26, 1985. In each case grab samples were taken by Health Physics Personnel to ensure that radiation levels were within normal background ranges.

An investigation by Maintenance Personnel revealed that the foil on the detector for both monitors had small holes/tears which allowed light to illuminate the photomultiplier. Because of this the radiation monitors went into high alarm.

SAFETY CONSEQUENCES AND IMPLICATIONS

Since the ventilation equipment performed as designed, and since the Control Room Outside Air Intake Radiation Monitors would have performed as designed in the event of a radioactive release, the health and safety of plant personnel and the general public were never jeopardized.

CORRECTIVE ACTION

The foil for the above monitors has been replaced. In an effort to reduce/eliminate radiation monitor spikes, the discriminator levels will be adjusted on all four Control Room Outside Air Intake Monitors.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

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

SIMILAR EVENTS

None

PLANT CONTACT

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



**LOUISIANA**  
**POWER & LIGHT**

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P. O. BOX 6008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

August 30, 1985

W3P85-1469  
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-85-036-00 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, J.H. Wilson, NRC Resident Inspectors  
Office, INPO Records Center (J.T. Wheelock), B.W. Churchill,  
W.M. Stevenson

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