

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) St. Lucie, Unit 1 DOCKET NUMBER (2) 0 5 0 0 0 3 3 5 1 OF 0 3

TITLE (4) Inadvertent Actuation of Containment Spray Pump

EVENT DATE (6) MONTH DAY YEAR 0 5 2 7 8 5 LER NUMBER (5) YEAR SEQUENTIAL NUMBER REVISION NUMBER 0 0 6 0 0 6 2 6 8 5 REPORT DATE (7) MONTH DAY YEAR 0 5 2 7 8 5 OTHER FACILITIES INVOLVED (8) FACILITY NAMES N/A DOCKET NUMBER(S) 0 5 0 0 0 0 0 0 0 0 0 0

OPERATING MODE (9) 1 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50. (Check one or more of the following) (11) 20.402(a) 20.406(a) X 20.73(a)(2)(iv) 73.71(a) 20.406(a)(1)(i) 20.36(a)(1) 20.73(a)(2)(v) 73.71(a) 20.406(a)(1)(ii) 20.36(a)(2) 20.73(a)(2)(vi) OTHER (Specify in Abstract below and in Text, NRC Form 300A) 20.406(a)(1)(iii) 20.73(a)(2)(i) 20.73(a)(2)(vii)(A) 20.406(a)(1)(iv) 20.73(a)(2)(ii) 20.73(a)(2)(vii)(B) 20.406(a)(1)(v) 20.73(a)(2)(iii) 20.73(a)(2)(viii) 20.406(a)(1)(vi) 20.73(a)(2)(iv) 20.73(a)(2)(ix)

LICENSEE CONTACT FOR THIS LER (12) NAME Stephen E. Mohn, Shift Technical Advisor TELEPHONE NUMBER 3 0 5 4 6 5 1 - 3 5 5 0 AREA CODE 3 0 5 4 6 5 1 - 3 5 5 0

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) YES (If yes, complete EXPECTED SUBMISSION DATE) X NO EXPECTED SUBMISSION DATE (15) MONTH DAY YEAR

ABSTRACT (Limit to 1000 spaces, i.e., approximately 10% of single-space typewritten text) (16)

EVENT:

On May 27, 1985, at approximately 0025 hours, an inadvertent actuation of the "1B" Containment Spray pump occurred. Because the pump actuation lasted only 0.9 seconds and the flow control valve was shut, no spray flow resulted. The event did not affect operation of the Unit. No radiation was released, the health and safety of the public was not affected.

CAUSE OF THE EVENT:

The cause of the event was personnel error.

CORRECTIVE ACTIONS:

The licensed operator took immediate corrective action to secure the pump. The Nuclear Plant Supervisor counseled the licensed operator on the importance of attention to detail during performance of even minor routine surveillances.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/86

FACILITY NAME (1) St. Lucie, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 3 5 8 5 - 0 0 6 - 0 0 0 2 OF 0 3	LER NUMBER (3)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (If more space is required, use additional NRC Form 308A's) (17)

EVENT:

On May 27, 1985, at approximately 0025 hours, an inadvertent actuation of the "1B" Containment Spray (BE) pump occurred. The unit was at 99.26 percent power during the entire event. A routine surveillance of cycling the Containment Spray flow control valves was being conducted. The Train "A" flow control valve was completed and preparations were being made to cycle the Train "B" flow control valve. Prior to cycling the flow control valve, the associated Containment Spray pump breaker control switch must be switched from AUTO to STOP. It was during this step that the switch was rotated in the wrong direction (AUTO to START), thus causing the "1B" Containment Spray pump to start. Having realized the error, the Reactor Controls Operator (RCO) immediately rotated the switch to STOP. The total run time of the pump was 0.9 seconds as read from the Sequence of Events Recorder.

With the pump secured the RCO checked the Containment Spray Header pressures. Train "A" and "B" header pressures were equal and normal. Shift personnel concluded that the pump run time was too brief to increase the header pressure and that it was safe to continue with the surveillance. The surveillance was completed and the system returned to normal.

This is the first Licensee Event Report involving an inadvertent pump start.

CAUSE OF THE EVENT:

The cause of this event was a cognitive personnel error by a plant licensed operator. The error made was contrary to an approved plant procedure. There were no other contributory factors.

SAFETY ANALYSIS:

This inadvertent start of the 1B Containment Spray Pump was an operational event of minor significance which is only reportable because the pump involved is an Engineered Safety Feature component. 10 CFR 50.73.a.2.iv specifically required Licensee Event Reports on any Engineered Safety Feature actuation, no matter how minor.

The subject event resulted in the 1B Containment Spray pump being accidentally energized for less than one (1) second. Because of the short time interval involved, no appreciable system pressure change was observed. Furthermore, the corresponding spray header flow control valve was fully shut. Because of these two (2) factors, no spray header flow actually occurred. This event is nearly identical to the Containment Spray pump periodic surveillance run which is routinely performed every month. In conclusion, this was an extremely minor event having no appreciable effect on plant safety.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1) St. Lucie, Unit 1	DOCKET NUMBER (2) 08000335	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 388A's) (17)

CORRECTIVE ACTIONS:

1. The licensed operator took immediate corrective action to secure the Containment Spray pump.
2. The Nuclear Plant Supervisor counseled the licensed operator on the importance of attention to detail during performance of even minor routine surveillances.



JUN 26 1985

L-85-247

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

Gentlemen:

Re: Reportable Event 85-6
St. Lucie Unit 1
Date of Event: May 27, 1985
Inadvertent Actuation of Containment Spray Pump

The attached Licensee Event Report is being submitted pursuant to the requirements of 10 CFR to provide notification of the subject event.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. W. Williams, Jr.", is written over a light blue horizontal line.

J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/SAV/bc

Attachment

cc: Dr. J. Nelson Grace
Region II, USNRC
Harold F. Reis, Esquire
File 933.1
PNS-LI-85-247v

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