

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Turkey Point Unit 3										DOCKET NUMBER (2) 0 5 0 0 0 2 5 1 1 OF 0 1																												
TITLE (4) Technical Specification - Heat Tracing																																						
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 Turkey Point Unit 3						DOCKET NUMBER(S) 0 5 0 0 0 2 5 0								
0 6			2 3			8 5			8 5			0 1		8		0 0		0 7			1 9			8 5			N/A						0 5 0 0 0					
OPERATING MODE (9) 1						THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)																																
POWER LEVEL (10) 1 0 0						20.402(b)						20.405(c)						50.73(a)(2)(iv)						73.71(b)														
						20.405(a)(1)(i)						50.36(a)(1)						50.73(a)(2)(v)						73.71(c)														
						20.405(a)(1)(ii)						50.36(a)(2)						50.73(a)(2)(vi)						OTHER (Specify in Abstract below and in Text, NRC Form 366A)														
						20.405(a)(1)(iii)						50.73(a)(2)(ii)						50.73(a)(2)(viii)(A)																				
						20.405(a)(1)(iv)						50.73(a)(2)(iii)						50.73(a)(2)(viii)(B)																				
20.405(a)(1)(v)						50.73(a)(2)(ix)						50.73(a)(2)(x)																										
NAME R. D. Hart, Licensing Engineer										TELEPHONE NUMBER 3 0 5 2 4 5 - 2 9 1 0																												
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)

Event: On June 23, 1985, while Unit 4 was at 27% power, critical heat tracing circuits 8A and 8B were declared out of service (OOS) at 12:10 p.m. Heat tracing circuits 8A and 8B are on the suction lines of the boric acid transfer pumps. Technical Specification (TS) 3.6.d.3 allows only one channel of heat tracing to be OOS for 24 hours during power operation. Because both channels were OOS, this placed Unit 4 under TS 3.0.1 requirements. Since repairs were completed well within the time requirements of TS 3.0.1, a unit shutdown was not commenced. The second channel was returned to service an hour later thus complying with TS 3.6.d.3.

Cause of Event: The cause of the event was heat tracing circuit 9 inadvertently coming in contact with heat tracing circuit 8. A short developed disabling heat tracing circuit 8.

Analysis of Event: At the time of the event, Unit 3 was in hot shutdown with a reactor coolant system temperature of approximately 340 degrees Fahrenheit and pressure of approximately 470 psig with the reactor coolant pumps in operation. Unit 4 was holding at 27% reactor power for chemistry checks. No mode changes were made on either unit until both channels of heat tracing were declared operable and placed back in service. During this event, flow paths to the core for boron injection were available for both units from the refueling water storage tank via each unit's associated charging pumps and safety injection pumps. Based on the above, the health and safety of the public was not affected. Similar occurrences: 250-83-015 and 251-82-014.

Corrective Actions: The following corrective actions were taken:

- 1) The "A" and "C" boric acid storage tanks were placed in the recirculation mode to prevent clogging of the affected piping due to boron solidification.
- 2) Heat tracing circuit 8B was repaired, tested satisfactorily, and returned to service at 4:40 p.m. This removed Unit 4 from the requirements of TS 3.0.1 and placed it under the requirements of TS 3.6.d.3.
- 3) Heat tracing circuit 8A was repaired, tested satisfactorily, and returned to service at 5:40 p.m., thus complying with TS 3.6.d.3.
- 4) Heat tracing circuit 9 was shortened to prevent it from coming in contact with circuit 8 again.



FLORIDA POWER & LIGHT COMPANY

JUL 1 9 1985

L-85-282

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

Gentlemen:

Re: Reportable Event 85-18
Turkey Point Unit 4
Date of Event: June 23, 1984
Technical Specification - Heat Tracing

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,

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

JWW/PLP:ta

Attachment

cc: Dr. J. Nelson Grace, Region II, UNSRC
Harold F. Reis, Esquire

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