

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
**Turkey Point Unit 4**DOCKET NUMBER (2)  
0 5 0 0 0 2 5 1 1 OF 0 1TITLE (4)  
**Engineered Safety Feature Actuation - Reactor Trip**

EVENT DATE (6)			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)													
0	2	0	6	8	5	8	5	0	0	3	0	0	0	3	0	8	8	5	N/A	0	5	0	0	0

OPERATING MODE (9)	POWER LEVEL (10)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)											
N	0 2 7	20.402(b)		20.405(c)		<input checked="" type="checkbox"/> 80.73(a)(2)(iv)		73.71(b)					
		20.405(a)(1)(i)		80.36(c)(1)		80.73(a)(2)(v)		73.71(c)					
		20.405(a)(1)(ii)		80.36(c)(2)		80.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
		20.405(a)(1)(iii)		80.73(a)(2)(i)		80.73(a)(2)(vii)(A)							
		20.405(a)(1)(iv)		80.73(a)(2)(ii)		80.73(a)(2)(vii)(B)							
		20.405(a)(1)(v)		80.73(a)(2)(iii)		80.73(a)(2)(x)							

LICENSEE CONTACT FOR THIS LER (12)  
NAME  
**R. D. Hart, Licensing Engineer**TELEPHONE NUMBER  
AREA CODE  
3 0 5 2 4 5 - 2 9 1 0COMPLETE 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) ☐ NO ☒ X  
EXPECTED SUBMISSION DATE (15)  
MONTH DAY YEAR

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

**Event:**

On February 6, 1985, while Unit 4 was at 27% power, a reactor trip occurred. A normal reactor start-up was being performed with the steam generator (S/G) level controls in automatic. The reactor trip occurred when the reactor protection logic of steam flow greater than feed flow coincident with S/G low level on the "A" S/G was made up. All equipment functioned as designed upon initiation of the Engineered Safety Feature Actuation signal generated in the Reactor Protection System.

**Cause of Event:**

During the reactor startup, licensed operators experienced difficulties maintaining S/G level on the "A" S/G. While attempting to stabilize the level, the steam flow/feed flow mismatch alarmed and a sudden decrease in S/G level completed the reactor trip logic and a reactor trip occurred.

**Corrective Actions:**

Immediate corrective actions included the following:

- 1) Stabilize the unit at hot shutdown conditions.
- 2) I & C checked the setpoints and calibration of the S/G level, feedwater flow, and steam flow transmitters. The level, feedwater flow, and steam flow setpoints were within limits. The feedwater flow regulating valves were inspected and found to be operating satisfactorily.
- 3) Temporary recorders were used to monitor "A" S/G level channels I and II, "A" S/G feedwater and steam flow channels III, and "A" S/G feedwater flow regulating valve during the following Unit 4 startup to detect any recurrence of initiating problems.

The unit was placed on line on February 6, 1985, at 4:27 p.m., and achieved full power at 11:00 p.m., on the same day. Significant event notification was made to the NRCOC via ENS pursuant to 10CFR50.72(b)(2)(ii). The health and safety of the public were not affected. Similar Occurrences: LER 251-84-17, LER 250-84-07, LER 250-84-06, LER 250-84-05, and LER 250-84-01.

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

Gentlemen:

Re: Reportable Event 85-03  
Turkey Point Unit 4  
Date of Event: February 6, 1985  
Engineered Safety Feature Actuation - Reactor Trip

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 cursive script, appearing to read "J. Williams, Jr.", is written over the typed name.

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

JWW/SAV/js

Attachment

cc: Dr. J. Nelson Grace, Region II, USNRC  
Harold F. Reis, Esquire  
PNS-LI-85-098-1

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