

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Turkey Point Unit 4										DOCKET NUMBER (2) 0 5 0 0 0 2 5 1 1					PAGE (3) 1 OF 0 1									
TITLE (4) Engineered Safety Features Actuation - Reactor Trip																								
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)											
									N/A				0 5 0 0 0											
1	0	1	6	8	4	8	4	0	2	3	0	0	1	1	5	8	4	N/A				0 5 0 0 0		
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																						
N		20.402(b)				20.408(c)				X 50.73(a)(2)(iv)				73.71(b)										
POWER LEVEL (10)		20.405(a)(7)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)										
0 0 0		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)										
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)														
		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										TELEPHONE NUMBER														
Roger L. Teuteberg, Regulation and Compliance Engineer										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	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS					
X	J	E	D	S	T	W	1	2	0	Y														
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)

On October 16, 1984, while cooling down Unit 4, a reactor trip occurred. The root cause for this event was a detector on the NIS N-32 channel which failed, generating a high level signal. During this cooldown, with the control rod groups fully inserted, the shutdown rods bank "B" fully inserted, the shutdown rods bank "A" 86 steps withdrawn, and reactor trip breaker closed, the source range NIS channels N-31 and N-32 re-energized as designed when the reactor power on the intermediate range NIS channels decreased below the P-6 permissive level. Because of a failed detector in NIS channel N-32, this channel generated a high flux level signal which tripped the reactor, opening the reactor trip breakers and dropping shutdown group rods bank "A" to their fully inserted positions. The NIS channel N-32 was taken out of service and its detector was replaced, tested, and returned to service. All safety equipment functioned as designed upon initiation of the Engineered Safety Features Actuation System (ESFAS) signal generated in the reactor protection system. Significant event notification for the reactor trip event was made to the NRCOC via the ENS pursuant to 10 CFR 50.72(b)(2)(ii). The health and safety of the public were not affected. Similar occurrences: None.

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November 15, 1984
L-84-337

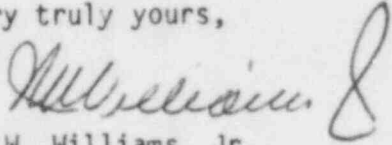
U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Re: Reportable Event 84-23
Turkey Point Unit 4
Date of Event: October 16, 1984
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,


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

JWW/PLP/js

Attachment

cc: J. P. O'Reilly, Region II, USNRC
Harold F. Reis, Esquire
File 933.1 TP
PNS-LI-84-415-1

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