

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>Turkey Point Plant - Unit 3</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 2 5 0</b>	PAGE (3) <b>1 OF 0 1</b>
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TITLE (4)  
**Engineered Safety Features Actuation - Turbine Runback**

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)
0 3	2 3	8 4	8 4	0 1 1	0 0 0	4 2	3 8	4	N/A		0 5 0 0 0
									N/A		0 5 0 0 0

OPERATING MODE (9) <b>N</b>	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)											
	20.402(b)			20.405(c)			<input checked="" type="checkbox"/> 50.73(a)(2)(iv)			73.71(b)		
	20.405(a)(1)(i)			50.38(c)(1)			50.73(a)(2)(v)			73.71(c)		
	20.405(a)(1)(ii)			50.38(c)(2)			50.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 365A)		
	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)								TELEPHONE NUMBER			
NAME <b>Jesus Arias, Jr., Regulation and Compliance Lead Engineer</b>								AREA CODE <b>3 0 5 2 4 5 - 2 9 1 0</b>			

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM
B	JED	ET	W	1 2 0	Y						

SUPPLEMENTAL REPORT EXPECTED (14)								EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)								<input checked="" type="checkbox"/> NO				

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

While at 100% power, Unit 3 experienced a turbine runback resulting in an automatic load reduction to 83%. The root cause was found to be the B detector reading low on NIS Power Range Channel 42, thus producing an Overpower and Overtemperature  $\Delta T$  and Rod Drop Signal. A flux map verified that there were no dropped rods in the reactor. A significant event notification was made to NRCOC via ENS in accordance with 10 CFR 50.72(b)(2)(ii). Subsequent investigations into the failure revealed that water had entered the respective containment penetration canister thus producing an inner to outershield short in the "B" detector cable which conducts the power range signal to N42 cabinet. The source of the water leak was found and sealed. The "A" detector was checked and found satisfactory. The cables for the "B" detector were dried and all connector internal parts were replaced except for the center conductor which was cleaned with freon. The "B" detector was then checked and found to be performing properly.

Unit 3 was returned to full power operation with no further problems. The total time at reduced power was 3 hours and 40 minutes.

Short term corrective action was taken to temporarily seal the seams on the electrical penetration rooms. Long term corrective action is to include the electrical penetration rooms in the package for sealing the Auxiliary Building roof. The health and safety of the public were not affected. Similar occurrences: None.

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PDR ADOCK 05000250  
S PDR



April 23, 1984  
PNS-LI-84-137

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

Gentlemen:

Re: Special Report 84-11  
Turkey Point Unit 3  
Date of Event: March 23, 1984  
Engineered Safety Feature Actuation-Turbine Runback

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. Williams, Jr.", is written over the typed name.

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

JWW/PLP/js

Attachment

cc: J. P. O'Reilly, Region II, USNRC  
Harold F. Reis, Esquire  
File 933.1

IE22  
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