

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>Turkey Point 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 Feature 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)
									N/A		0 5 0 0 0 0
1	1	27	84	02	9	00	02	19	N/A		0 5 0 0 0 0

OPERATING MODE (9) **N**

POWER LEVEL (10) **1 0 0**

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

20.402(b)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
20.405(a)(1)(i)	<input type="checkbox"/>	50.73(a)(2)(v)	73.71(c)
20.405(a)(1)(ii)	<input type="checkbox"/>	50.73(c)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.405(a)(1)(iii)	<input type="checkbox"/>	50.73(a)(2)(viii)(A)	
20.405(a)(1)(iv)	<input type="checkbox"/>	50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	<input type="checkbox"/>	50.73(a)(2)(ix)	
20.405(c)	<input type="checkbox"/>		
50.36(c)(1)	<input type="checkbox"/>		
50.36(c)(2)	<input type="checkbox"/>		
50.73(a)(2)(i)	<input type="checkbox"/>		
50.73(a)(2)(ii)	<input type="checkbox"/>		
50.73(a)(2)(iii)	<input type="checkbox"/>		

LICENSEE CONTACT FOR THIS LER (12)

NAME <b>Randall D. Hart, Licensing Engineer</b>	TELEPHONE NUMBER <b>3 0 5 2 4 5 - 2 9 1 0</b>
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD'S	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD'S

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

On November 27, 1984, while Unit 3 was at 100% power, a turbine runback to 50 MWe and approximately 65% reactor power occurred. During the performance of Operating Procedure (OP) 12304.2, Power Range Nuclear Instrumentation Periodic Channel Functional Test, on NIS Channel N-43, an operator inadvertently took the dropped rod mode switch out of bypass and placed in normal with a test signal present, initiating a NIS rod drop turbine runback. The operator immediately placed the mode switch back to bypass. A second runback was generated when the remaining NIS instrumentation picked up a rod drop signal due to the rapid drop in reactor power. These runbacks reduced generator load to approximately 50 MWe. Immediate corrective actions included the following:

- 1) Stopping the load decrease by raising governor oil pressure which increased the generator load to approximately 225 MWe.
- 2) Stabilizing the unit at 65% reactor power by increasing generator load to match reactor power.
- 3) Supervisory discussion was held with the operator involved on the importance of procedural compliance and the significance of his actions. This event will be reviewed with operations personnel during the next operator requalification cycle.

All equipment functioned as designed upon initiation of the Engineered Safety Feature Actuation Signal (ESFAS). The governor runback logic for a NIS rod drop signal is set to reduce load 30% in a one time nine (9) second period. The reason for the magnitude of the runbacks was that the governor runback motor was causing a faster load reduction than required. This resulted in the runbacks having a magnitude of approximately 45% load reduction instead of the normal 30%. The governor runback motor will be calibrated during the present outage for Unit 3.

Significant event notification 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: 250-84-013 and 250-84-009.

IE 22 1/1



February 19, 1985  
L-85-77

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

Gentlemen:

Re: Reportable Event 84-29  
Turkey Point Unit 3  
Date of Event: November 27, 1984  
Engineered Safety Features  
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. Due to an administrative oversight, it is being submitted outside of the required schedule.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. Williams, Jr.", written in a cursive style.

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  
File 933.1  
PNS-LI-85-071-1

TE22  
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