

## 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) OF 0 2	
TITLE (4) Technical Specification - Emergency Diesel Generator																					
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 6	1 8	8 5	8 5	0 1 6	0 0 0	7 1	8 8	5	Turkey Point Unit 3			0 5 0 0 0 2 5 1 0									
									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)																			
3																					
POWER LEVEL (10)		20.402(b)																			
0 1 9 0		20.405(a)(1)(i)																			
		20.405(a)(1)(ii)																			
		20.405(a)(1)(iii)																			
		20.405(a)(1)(iv)																			
		20.405(a)(1)(v)																			
		20.405(a)(1)(vi)																			
		20.405(a)(1)(vii)																			
		20.405(a)(1)(viii)																			
		20.405(a)(1)(ix)																			
		20.405(a)(1)(x)																			
LICENSEE CONTACT FOR THIS LER (12)																					
NAME R. L. Teuteberg, Regulation and Compliance Engineer										TELEPHONE NUMBER											
										AREA CODE											
										3 1 0 1 5		2 1 4 1 5 1 - 1 2 1 9 1 1 0									
COMPLETE 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	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC							
X	E D	5 2	1 0 0 5	N																	
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 18, 1985, while Unit 4 was in a hot standby condition and Unit 3 was in a scheduled refueling outage, the requirements of Technical Specification 3.7 were exceeded and a cooldown of Unit 4 was required in accordance with the provisions of Technical Specification 3.0.1. The 4A motor control center (MCC) was taken out of service after functional testing failed to demonstrate the proper trip setting of the vital to non-vital 4"A" MCC tie breaker 40535. Since the vital portion of the 4A MCC powers auxiliary equipment for the "B" emergency diesel generator, plant personnel declared the "B" emergency diesel generator out of service at the same time. Technical Specification 3.7 allows operation of two units at power with one diesel generator out of service, provided the engineered safety features (ESF) for the other diesel generator are operable.

Cause of Event: The cause of the event was an out-of-adjustment breaker trip latch on the tie breaker 40535 associated with the 4A 480 volt AC MCC.

Corrective Actions: The following corrective actions were taken:

- 1) Upon declaring the "B" emergency diesel generator out of service preparations for a Unit 4 cooldown were initiated in accordance with plant operating procedures.
- 2) After testing of the existing tie breaker demonstrated that it would not trip properly, this defective breaker was removed from its cubicle for repairs and an equivalent spare breaker was placed back into service. The 4A MCC was subsequently returned to service.
- 3) The "B" EDG auxiliary equipment was verified to be energized by inspection, and the "B" EDG was declared back in service. The preparations for a Unit 4 cooldown were terminated at this time.

The health and safety of the public were not affected. Similar occurrences: LER 251-85-002 and 251-85-015.

1022  
11

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)  Turkey Point Unit 4	DOCKET NUMBER (2)  0 5 0 0 0 2 5 1	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	— 0 1 6	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Event:

On June 18, 1985 at 11:20 a.m., while Unit 4 was in a hot standby condition and Unit 3 was in a scheduled refueling outage, the requirements of Technical Specification 3.7 were exceeded and a cooldown of Unit 4 was required in accordance with the provisions of Technical Specification 3.0.1. At the time of the incident, functional testing was being conducted to verify the proper operation of the vital to non-vital tie breakers associated with the 3A, 4A, and shared "D" motor control centers. The automatic trip of the 3A, 4A and shared MCC tie breakers are periodically verified during the integrated safeguards and emergency power systems testing performed during each refueling outage for the respective unit. The 4A motor control center (MCC) was taken out of service after functional testing failed to demonstrate the proper trip setting of the tie breaker 40535. This tie breaker connects the vital and non-vital portions of the 4A 480 volt AC motor control center together. Since the vital portion of the 4A MCC powers auxiliary equipment associated with the "B" emergency diesel generator, plant personnel also declared the "B" emergency diesel generator out of service at the same time. Technical Specification 3.7 allows operation of two units at power with one diesel generator out of service, provided the engineered safety features (ESF) for the other diesel generator are operable.

Cause of Event:

The cause of the event, which led to the technical specification requirement to cooldown Unit 4, was an out-of-adjustment breaker trip latch on the tie breaker 40535, located between the vital and non-vital portions of the 4A 480 volt AC MCC.

Analysis of Event:

During the course of the event, both the Unit 3 and Unit 4 start-up transformers were operable. Unit 3 was in a scheduled refueling outage with the reactor coolant system in a refueling shutdown condition. Unit 4 was subcritical in a hot standby condition, and preparations were initiated for a cooldown in accordance with technical specifications. The outage of the 4A MCC only affected some auxiliary equipment for the "B" EDG and not the EDG itself. Power was restored to the auxiliary equipment after 20 minutes. Based on the above, the health and safety of the public were not affected.

Corrective Actions:

The following corrective actions were taken:

- 1) Upon declaring the "B" emergency diesel generator out of service at 11:20 a.m. on June 18, 1985, preparations for a Unit 4 cooldown were initiated in accordance with Operating Procedure (OP) 0205.2, "Reactor Shutdown-Hot Shutdown to Cold Shutdown Condition."
- 2) After testing of the existing tie breaker demonstrated that it would not trip properly, this defective breaker was removed from its cubicle for repairs and an equivalent spare breaker was placed back into service. The 4A MCC was subsequently returned to service.
- 3) The "B" EDG auxiliary equipment was verified to be energized by inspection, and the "B" EDG was declared back in service at 11:40 a.m. on June 18, 1985. The preparations for a Unit 4 cooldown were terminated at this time.



JUL 1 8 1985

L-85-281

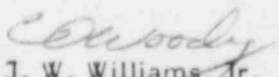
U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Gentlemen:

Re: Reportable Event 85-16  
Turkey Point Unit 4  
Date of Event: June 18, 1985  
Technical Specification - Emergency Diesel Generator

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,

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

JWW/SAV/tla

Attachment

cc: Dr. J. Nelson Grace, Region II, USNRC  
Harold F. Reis, Esquire  
PNS-LI-85-266