

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Turkey Point Unit 3

DOCKET NUMBER (2)

0 5 0 0 0 2 5 0 1 OF 0 1

TITLE (4)

Engineered Safety Features (ESF) Actuation - Emergency Diesel Generators (EDG)

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	4	2	9	8	5	8	5	0	1	2	N/A	0 5 0 0 0
0	4	2	9	8	5	8	5	0	1	2	N/A	0 5 0 0 0

OPERATING MODE (9) N

POWER LEVEL (10) 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)

20.402(b)	20.405(a)	50.73(a)(2)(iv)	73.71(b)
20.405(a)(1)(i)	50.36(a)(1)	50.73(a)(2)(v)	73.71(e)
20.405(a)(1)(ii)	50.36(a)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 308A)
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
R. L. Teuteberg, Regulation and Compliance Engineer

TELEPHONE NUMBER

AREA CODE

3 0 5 2 4 5 - 1 2 9 1 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

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) X NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

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

Event: On April 29, 1985, while Unit 3 was in a refueling shutdown condition with the full core unloaded, the generator-main transformer lockout relay tripped resulting in the actuation of the ESF equipment identified below. Prior to the event, a new oil circuit breaker (OCB) was being installed in the switchyard and the Unit 3 Start-up and "C" transformers and the 3B 4160V bus were out of service for this modification. Power to the 3A 4160V bus was being maintained by backfeeding power through the Unit 3 Main and Auxiliary transformers. At 2:54 p.m., the Unit 3 generator-transformer lockout relay tripped, which tripped two switchyard breakers isolating power from the Unit 3 Main and Auxiliary transformer and the 3A 4160V bus. The loss of power to the 3A 4160V bus initiated the ESF sequencer which stripped loads, started the "A" EDG, and connected the 3A 4160V bus to the "A" EDG. At the time of the event, the reactor trip breakers were already open. Similar occurrences: LERs 250-84-05, 250-84-06, 251-84-017, and 250-85-013.

Cause of Event: The root cause of the event was traced to the inadvertent operation of a relay mounted on the Unit 3 generator relay panel door located in the cable spreading room. This occurred as construction personnel were closing the panel's swing doors.

Analysis of Event: This event occurred while Unit 3 was in a refueling shutdown condition with the core off-loaded, and the ESF equipment described above functioned as designed upon loss of off-site power. Therefore, the health and safety of the public were not affected.

Corrective Actions: The following corrective actions were taken:

- 1) Since the Unit 3 Main transformer could not be immediately returned to service until functional testing could be performed, the power for the 3A 4160V bus was transferred from the "A" EDG to the Unit 4 Start-up transformer as a temporary measure.
- 2) Work on the Unit 3 Start-up transformer was expedited and it was returned to service to begin powering the 3A 4160V bus at 2:35 a.m., on April 30, 1985.
- 3) The Unit 3 Main transformer was successfully turn-ratio tested and meggered.
- 4) Construction personnel were cautioned to exercise special care when working in and around protective panels and cubicles.

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PDR ADOCK 05000250
S PDR



MAY 29 1985

85-211

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

Gentlemen:

Re: Reportable Event 85-012
Turkey Point Unit 3
Date of Event: April 29, 1985
Engineered Safety Features Actuation -
Emergency Diesel Generators (EDG)

The ~~un~~ ed 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 a horizontal line.

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

JWW/JA/awt/T14:5

Attachment

cc: Dr. J. Nelson Grace
Harold F. Reis, Esquire