

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

PAGE (3)

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)													
1	0	9	8	4	8	4	0	2	6	0	0	1	1	0	8	8	4	N/A	0	5	0	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)											
POWER LEVEL (10)	1	0	0	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)						
				20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)						
				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)(ii)	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)(x)							

LICENSEE CONTACT FOR THIS LER (12)

NAME
Roger L. Teuteberg, Regulation and Compliance Engineer

TELEPHONE NUMBER

AREA CODE

3 0 5 2 4 5 + 1 2 9 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

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)

At 2:37 a.m., on October 9, 1984, while Unit 3 was at 100% power, a turbine runback to 70% reactor power occurred. During an investigation for a ground on an inverter of Unit 4, a temporary loss of power occurred on the 120 volt (a.c.) instrument bus supplying power to the Unit 3 vital panel 3P07. This caused nuclear instrumentation system (NIS) channel N-42 to generate an "NIS ROD DROP" signal causing a turbine runback to 70% power. Approximately 30 seconds after the runback signal, the power to 3P07 returned and the N-42 power range channel returned to normal indication levels. An inadvertent transfer of power for panel 3P07 from the normal 3A inverter to the spare AS inverter, which is shared with Unit 4, is believed to be the cause of the loss of power. Just prior to this Unit 3 event, the AS inverter had been made inoperable by a blown fuse as the result of an unrelated event on Unit 4 (LER 251-84-022). A thorough investigation involving equipment tests, failed to reveal any equipment related cause for this temporary loss of power. Immediate corrective actions were to stabilize Unit 3 at 70% reactor power. After a 12 hour investigation failed to reveal any equipment failures, preparations were begun at 2:40 p.m. on October 9, 1984, to return Unit 3 to full reactor power. Other corrective actions included training on inverter switching for the personnel on-shift during the event. The event will also be discussed in operator requalification classes via the Operating Experience Feedback Program. All safety equipment functioned as designed upon initiation of the Engineered Safety Features Actuation Signal (ESFAS) generated in the Reactor Protection System. Significant event notification was made to 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: LER 251-84-011.

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November 8, 1984
L-84-322

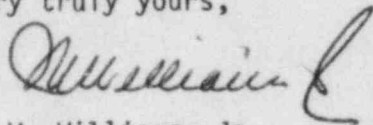
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Re: Reportable Event 84-26
Turkey Point Unit 3
Date of Event: October 9, 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.

Very truly yours,



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

JWW/JEM/jc

Attachment

cc: J. P. O'Reilly, Region II, USNRC
Harold F. Reis, Esquire
File 933.1
PNS-LI-84-407-1

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