

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
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 RECIP. NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Special rept: on 871218, standby feedwater pump (SPF) failed to start. Caused by failure of SFP motor due to failed differential pressure sensor. Motor repaired & replaced. New flow indicator (FI-6657A) installed.

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 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

## NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-2 LA	1 1	PD2-2 PD	1 1
	EDISON, G	1 1		
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	ARM/DCTS/DAB	1 1	DEDRO	1 1
	NRR/DEST/ADS	1 0	NRR/DEST/CEB	1 1
	NRR/DEST/ELB	1 1	NRR/DEST/ICSB	1 1
	NRR/DEST/MEB	1 1	NRR/DEST/MTB	1 1
	NRR/DEST/PSB	1 1	NRR/DEST/RSB	1 1
	NRR/DEST/SGB	1 1	NRR/DLPQ/HFB	1 1
	NRR/DLPQ/QAB	1 1	NRR/DOEA/EAB	1 1
	NRR/DREP/RAB	1 1	NRR/DREP/RPB	2 2
	NRR/DRIS/SIB	1 1	NRR/PMAS/ILRB	1 1
	REG FILE 02	1 1	RES TELFORD, J	1 1
	RES/DE/EIB	1 1	RES/DRPS DIR	1 1
	RGN2 FILE 01	1 1		
EXTERNAL:	EG&G GROH, M	5 5	FORD BLDG HOY, A	1 1
	H ST LOBBY WARD	1 1	LPDR	1 1
	NRC PDR	1 1	NSIC HARRIS, J	1 1
	NSIC MAYS, G	1 1		





FEBRUARY 16 1983

L-88-77

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

Gentlemen:

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Special Report - Standby Feedwater Pump  
Out of Service in Excess of 30 Days

In accordance with Technical Specification 6.9.3.j. the attached Special Report is provided for your information.

Should there be any questions on this information, please contact us.

Very truly yours,

  
C. O. Woody  
Executive Vice President

COW/SDF/gp

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator,  
Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant

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PDR ADCK 05000250  
S PDR

SDF/022.SR

## SPECIAL REPORT

Turkey Point Units 3 and 4  
February 16, 1988

### STANDBY FEEDWATER PUMP OUT OF SERVICE IN EXCESS OF 30 DAYS

#### PURPOSE:

Technical Specification (TS) 3.20 requires the submission of a special report in accordance with TS 6.9.3.j if one Standby Feedwater Pump (SFP) is unavailable in excess of 30 days. This report is being submitted in compliance with the above TS requirement.

#### EVENT:

On December 18, 1987, at 2000, an attempt was made to start SFP 3A in order to support the startup of Unit 3. The pump failed to start, and the 3C Bus Ground/Overvoltage alarm annunciated. A Plant Work Order (PWO) to repair the pump was generated, and SFP 3A was declared out of service (OOS) at this time. Investigation revealed zero resistance from the motor windings to ground. The SFP motor was then removed and shipped offsite for repair. The repaired motor's installation was completed on January 3, 1988. The A SFP breaker was then racked in and though technically OOS, the pump was capable of performing its design function until the breaker was racked out again on January 15. Prior to the performance of post-maintenance (PM) testing, it was noticed that Flow Indicator FI-6657A, which measures flow from SFP A, was malfunctioning, and the PM test could not be performed. Another PWO was generated in order to repair FI-6657A. A search for parts for the flow indicator was initiated but was unsuccessful, and approximately 7 days later a decision was made to expedite the installation of a new flow indicator per an existing Plant Change/Modification (PCM). This PCM was approved and the implementing Process Sheet (PS) was in the approval process at that time. The Plant Nuclear Safety Committee (PNSC) approved the implementing PS on January 18, 1988. The new installation was completed, PM testing was performed, and SFP A was placed in service on January 22, 35 days after it was declared OOS.

#### CAUSE OF THE EVENT:

The cause of the ground was a failure internal to the SFP motor. The cause of the failure of the original flow indicator was a failed differential pressure sensor. The reason SFP A was OOS in excess of 30 days was the sum and coincidence of the independent failures of the SFP motor and the flow indicator, along with difficulties in locating suitable spare parts.

CORRECTIVE ACTIONS:

- 1) SFP A's motor was repaired and replaced.
- 2) A new flow indicator (FI-6657A) was installed.