

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8801190094 DOC.DATE: 88/01/12 NOTARIZED: NO DOCKET #  
 FACIL:50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 AUTH.NAME AUTHOR AFFILIATION  
 SALAMON,G. Florida Power & Light Co.  
 WOODY,C.O. Florida Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 87-027-00:on 871214,steam generator blowdown flowrate  
 :-not estimated due to Tech Spec requirement misunderstanding.  
 W/8 ltr.

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

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NRC Form 368  
(9-81)

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  Turkey Point Unit 4	DOCKET NUMBER (2)  0 5 0 0 0 2 5 1 8 7 - 0 2 7 - 0 0 0 2 OF 0 3	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (If more space is required, use additional NRC Form 366A's) (17)

EVENT

On December 14 at 1930 it was determined that Steam Generator (SG) (EIIS:WI) 4B blowdown effluent flowrate was not being estimated, contrary to the requirements of Technical Specification (TS) Table 3.9-2 Item 2.b. At the time of the event, flow transmitter FT-6277B was out of service (OOS) due to a leaking flange. FT-6277B is the only instrument capable of monitoring SG B blowdown effluent flowrate. TS Table 3.9-2 Item 2.b requires 1 flow rate measurement device to be operable during blowdown operations. The applicable action statement states that with the number of channels operable less than required by the minimum channels operable requirement, effluent releases via this pathway may continue provided the flowrate is estimated at least once per 4 hours during actual releases. . Following discussions with supervision which confirmed that no estimates were being performed, 4B SG blowdown was secured. Following repair, FT-6277B was returned to service at 0210 on December 17, 1987.

CAUSE OF EVENT

The cause of the noncompliance with the action statement was inadequate identification of the specific hardware which was subject to TS Table 3.9-2, Item 2.b. The SG blowdown system has several sample flowmeters and a radiation monitor. If the effluent activity exceeds the setpoint of the SG Blowdown Effluent Line Radiation Monitor (R-19) valve 6265B and the SG blowdown flow control valves close automatically and terminate any release. At the time of the event R-19 and its associated flowmeters were operable, as were the flow control valves for each of the blowdown lines and valve 6265B. Because TS Table 3.9-2 Item 1.b defines the operability requirements of R-19 and R-19 discharges directly to the discharge canal, it was believed that TS Table 3.9-2 Item 2.b applied to the flowmeters associated with R-19. After further evaluations of the TS intent, it was concluded that TS Table 3.9-2.b applied to the SG blowdown effluent line. No detectable radioactive releases occurred.

ANALYSIS OF EVENT

At the time of this event, no Unit 4 SG tube leak nor a significant number of failed fuel elements had been identified. R-19 is designed such that it closes the blowdown flow control valves and valve 6265B if its setpoint is exceeded. During this event R-19 and its associated flowmeters were operable, as were the flow control valves for each of the blowdown lines and valve 6265B. Therefore, even if a leak had developed and the effluent activity had been high enough to exceed the setpoint of R-19, valve 6265B and the SG blowdown flow control valves would have closed automatically and terminated any release.

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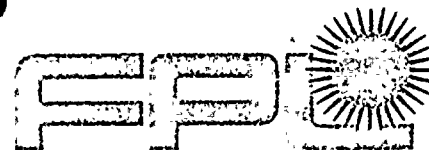
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CORRECTIVE ACTIONS

- 1) Upon determining that TS requirements were not being met, blowdown was immediately secured.
- 2) A letter defining the methods of compliance with TS Table 3.9-2 Item 2.b was issued.
- 3) Proper blowdown flow estimation procedures will be developed and implemented.

ADDITIONAL INFORMATION

FT-6277B Manufacturer: Foxboro; Model No.: 13A  
Similar occurrences: none.



JANUARY 12 1988

L-88-15  
10 CFR 50.73

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

Gentlemen:

Re: Turkey Point Unit 4  
Docket No. 50-251  
Reportable Event: 87-27  
Date of Event: December 14, 1987  
Steam Generator Blowdown Flowrate Not Estimated Due to  
Misunderstanding of Technical Specification Requirements

The attached Licensee Event Report (LER) is being submitted pursuant to the requirements of 10 CFR 50.73 to provide notification of the subject event.

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

SDF/018.LER

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