NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Turkey Point Unit 4	0 5 0 0 0 2 5 1	1 OF 0 2

TITLE (4)
Technical Specification - Intake Cooling Water

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

OPERATING MODE (9)	N	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)	X 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)	X 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)(x)			

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Randall D. Hart, Licensing Engineer	AREA CODE 3 0 5 2 4 5 - 2 9 1 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

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)

On August 29, 1984, while Unit 4 was at 100% power, it was discovered that a limiting condition for operation (LCO) for the 4B intake cooling water (ICW) header had been exceeded. On August 24, 1984, the 4B ICW strainer on the saltwater side of the component cooling water (CCW) heat exchanger was taken out of service (OOS) for cleaning. This placed the 4B ICW header OOS which is a Technical Specification item with a 24 hour LCO, but this was not realized at the time due to personnel oversight. Also, no entry was made in the equipment OOS log for the ICW strainer. Immediate corrective action included:

1) Released the clearance order, pressurized the strainer, checked for leakage and returned the strainer to service.

2) On the Spot Changes (OTSC) were made to several procedures to enhance operator awareness of Technical Specification related clearances.

3) Supervisory discussions were held with all Operations personnel on the importance of identifying Technical Specification related equipment OOS and the significance of their actions.

The health and safety of the public were not affected. Similar occurrences: LER 251-33-011.

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

On August 29, 1984, at 8:50 p.m. while Unit 4 was at 100% power, it was discovered that a limiting condition for operation (LCO) had been exceeded. The root cause was due to an oversight of Operations personnel to log a component in the equipment out of service (OOS) logbook.

On August 24, 1984 at 11:15 a.m., the 4B intake cooling water (ICW) strainer on the saltwater side of the component cooling water (CCW) heat exchanger was taken OOS by Maintenance personnel, on in-plant clearance order 8-73, to clean the strainer. Placing the ICW strainer OOS also causes its associated ICW header to be OOS. Technical Specification (TS) 3.4.5.b.1 states that one of the two ICW headers may be OOS for a period of only 24 hours. If the header is not back inservice within 24 hours, the reactor shall be placed in a hot shutdown condition within the next seven (7) hours. At the time, the strainer was carried on the Nuclear Operator logbook and logsheets as being out on clearance (OOC) but due to personnel oversight it was not realized that the ICW strainer being OOC also caused the associated ICW header to be OOS. Due to this oversight, the ICW header was not listed as OOS and the associated TS LCO was not discovered. The clearance was reissued at 2:00 p.m., to a second Maintenance foreman and he released his clearance at 4:00 p.m., which was within the 24 hour LCO. However, the first Maintenance foreman had not released his clearance.

The main contributor to the LCO being exceeded was a personnel oversight that caused the 4B ICW strainer to not be logged in the equipment out of service logbook. Review of control room activities by the Plant Supervisor - Nuclear (PS-N) did not detect this oversight. It should be noted that the clearance order was issued during a short relief of the day shift PS-N by another PS-N. The day shift PS-N was scheduled for a whole body count and had gone to the Health Physics (HP) Department. Upon his return, a shift turnover did not mention the 4B ICW strainer status. Another contributor to this event was that this piece of equipment was not identified during the daily peak shift clearance review. It must be noted that at the time of this review, the allowable time OOS still available was approximately 16 hours and the clearance did not appear to be released. On the following day peak shift review of clearances, the review was for the previous 24 hours only and, therefore, would not pick the 4B ICW strainer clearance.

At 8:50 p.m., on August 29, 1984, Operations personnel discovered that the 4B ICW strainer was still OOS. The immediate corrective action was to release the clearance on the strainer, pressurize it, check it for leakage and return it to service at 8:54 p.m. Subsequent review of this event has identified the following corrective actions to preclude recurrence:

1) The in-plant clearance order form has been revised to include a section to indicate if the piece of equipment on the form is a TS item and, if so, the applicable TS number.

2) The in-plant clearance index has been revised to include a space for identification of TS related equipment.

3) The frequency for review of the clearance book has been increased to once per shift and expanded to include the entire book, not just a 24 hour look back.

4) Additionally, a meeting was held with all Shift Supervisors to emphasize the following areas:

   a) All equipment removed from service resulting in LCOs shall be logged in the PS-N logbook.

   b) The Operations Supervisor shall be notified of all LCOs.

   c) A copy of the minimum equipment list has been posted at each operating station.

5) The Maintenance Superintendent discussed the need to request and release clearances properly with Maintenance personnel.

FLORIDA POWER & LIGHT COMPANY

September 28, 1984
PNS-LI-84-341

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

Gentlemen:

Re: Reportable Event 84-18
Turkey Point Unit #4
Date of Event: August 29, 1984
Technical Specification
Intake Cooling Water

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/PLP/cas

Attachment

cc: J.P. O'Reilly, Region II, USNRC
Harold F. Reis, Esquire
File 933.1

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