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ACCESSION NBR:8906080004 DOC.DATE: 89/05/31 - NOTARIZED: NO DOCKET #  
 FACIL:50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 AUTH.NAME: WOODY,C.O. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP.NAME: RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

SUBJECT: Responds to violation noted in Insp Rept 50-251/89-12.  
 Corrective actions:Valve 4-201B closed terminating leakage.

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MAY 31 1989

L-89-193  
10 CFR 2.201

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

Gentlemen:

Re: Turkey Point Unit 4  
Docket No. 50-251  
Reply to Notice of Violation  
Inspection Report 89-12

Florida Power & Light Company (FPL) has reviewed the subject inspection report and pursuant to 10 CFR 2.201 the response is attached.

Based on a discussion with C. W. Hehl (NRC Region II) on May 26, 1989, an extension until June 2, 1989 was granted for FPL's response.

Very truly yours,

C. O. Woody  
Acting Senior Vice President - Nuclear

COW/JRH/gp

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant

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PDR ADOCK 05000251  
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ATTACHMENT 1  
RESPONSE TO NOTICE OF VIOLATION  
NRC INSPECTION REPORT NO. 50-251/89-12

FINDING

TS 6.8.1 requires that written procedures and administrative policies shall be established, implemented and maintained that meet or exceed the requirements and recommendations of Section 5.1 of ANSI N18.7-1972. ANSI N18.7-1972, Section 5.1.2, specifies that procedures shall be followed. Operating Procedure 4-OP-047, CVCS-Charging and Letdown, requires valve 4-201B to be closed as its normal position.

Contrary to the above, on March 9, 1989, valve 4-201B was found open, allowing reactor coolant system water to drain to the containment sump during reactor coolant system fill and vent.

RESPONSE

- 1) FPL concurs with the finding.
- 2) Following identification of this event by Control Room personnel, an Event Response Team (ERT) was formed. This team was comprised of senior Technical Department, Quality Assurance, and Operations personnel. After a detailed review of documentation pertaining to this event, and interviews with Operations, Maintenance, Construction, and Health Physics personnel, the team was able to establish the following sequence of events. Valve 4-201B had been opened to support maintenance activities on December 3, 1988. At that time, a drain rig was installed in accordance with the clearance written for this activity. There is no documentation stating that this drain rig was removed during the release of the clearance following this maintenance. On January 13, January 17, and March 5, 1989, documentation indicates that valve 4-201B was verified closed. The ERT investigation into this event failed to find any specific facts which identified how, when, or why the valve was opened following the March 5th verification. However, several programmatic problems were identified which may have contributed to causing this event.
  - a) The clearance which installed the drain rig did not assure its removal. If the drain rig had been removed, the leakage would have been much more noticeable to people working in the area. In addition, this would have increased the likelihood of the leak being discovered during the first Reactor Coolant System (RCS) leakage inspection.
  - b) During this event the containment sump level indicators were

unavailable to provide indication of the leak. If the sump level indicators had been available, the control room would have been able to more readily identify the existence and rate of the leak.

- 3) Valve 4-201B was closed terminating the leakage.
- 4)
  - a) Procedure AP 0103.4, In-Plant Equipment Clearance Orders, will be reviewed to assure its adequacy with respect to vent and drain hose installation and vent/drain valve manipulation. This review will be included as part of the overall evaluation of the clearance process currently being performed.
  - b) Procedure 3/4-OP-041.8, Filling and Venting the Reactor Coolant System, has been revised to require that one containment sump pump and one train of level detection be in service during RCS filling and venting operations.
  - c) Procedure 3/4-OSP-041.1, Reactor Coolant System Leak Rate Calculation, contains instructions for performing a Containment Visual Inspection of the RCS. This procedure will be reviewed and revised as required to ensure that leaks from vents or drains with installed hoses are detected.
- 5)
  - a) The review relating to vents and drains outlined in 4(a) above will be completed by June 30, 1989.
  - b) The action in 4(b) above was completed on May 26, 1989.
  - c) The action in 4(c) above will be completed by June 30, 1989.



# UNITED STATES NUCLEAR REGULATORY COMMISSION

Office of Public Affairs  
Washington, D.C. 20555

No. 92-143  
Tel. 301/504-2240

FOR IMMEDIATE RELEASE  
(Friday, October 2, 1992)

## FLORIDA POWER AND LIGHT COMPANY SUSPENDS TURKEY POINT PLANT RESTART

The Nuclear Regulatory Commission staff has requested Florida Power and Light Company to suspend activities involving restart of Turkey Point Unit 4 nuclear power plant in Dade County, Florida.

James Taylor, NRC Executive Director for Operations, said the company has agreed to shut down the plant following discussions between the NRC and the Federal Emergency Management Agency (FEMA) about the current status of emergency planning offsite. The plant was being returned to service following Hurricane Andrew and was at about 30 percent power when NRC requested the shutdown. Unit 3 already was shut down for refueling.

In view of the damages done to the surrounding area by the hurricane, further consideration is being given by FEMA and NRC to the status of emergency planning in the area near Turkey Point. The nuclear portions of both Units 3 and 4 at Turkey Point were not damaged by the hurricane.

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