FLORIDA POWER & LIGHT COMPANY

May 9, 1984
L-84-123

Mr. James P. O'Reilly
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Report of Safety and Relief Valve Challenges

The annual report of safety and relief valve challenges for Turkey Point Units 3 and 4 for 1983 is attached. This report is submitted in accordance with our commitment to Item II K.3.3 of NUREG 0737.

Should you have any questions concerning this information, please contact us.

Very truly yours,

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

JWW/PLP/js

Attachment

cc: Harold F. Reis, Esquire
PNS-LI-84-162

ATTACHMENT

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250, 50-251
Report of Safety and Relief Valve Challenges

ANNUAL REPORT SAFETY AND RELIEF VALVE CHALLENGES

By letter dated June 13, 1980 (L-80-186), Florida Power and Light stated the intent to comply with the requirements of Item IIK.3.3 of Enclosure 3 to the commission's letter of May 7, 1980 (Five Additional TMI-2 Related Requirements for Operating Reactors).

The following is a list of safety valve and power operated relief valve (PORV) actuations for Turkey Point Units 3 and 4 from January 1, 1983, to December 31, 1983.

Unit 3

Per Procedure 0202.1, Cold to Hot Shutdown, and Procedure 0205.2, Hot to Cold Shutdown, PORV 455C and 456 were tested for operability on October 2, December 16, and December 18, 1983. Both valves tested satisfactorily on the above dates. Additional valve actuations are listed below. No other PORV or pressurizer code relief valve actuations occurred for the reporting period.

October 8, 1983	During performance of OP-0206.6, Hydrostatic Pressure Testing for Inservice Inspection Requirements, PT-3-405 was not isolated (RCS pressure, 'A' Loop). Pressure rose to > 3000 psig and PORV-455C opened. Immediate operator action was to close PORV-455C and MOV-536, which were later re-opened when pressure indication had returned to normal and PT-405 was recalibrated. PORV-455C was successfully reseated.
December 15, 1983	PORVs 455C and 456 opened due to an RCS pressure increase while performing OP-1001.1, Filling and Venting the Reactor Coolant System. During this transient, PCV-3-145 was in manual due to poor response in auto. The PORVs' operation were satisfactory.
December 16, 1983	PORVs 455C and 456 opened four times due to pressure surges following shutoff of the residual heat removal pump in accordance with OP-0202.1 OMS actuated prematurely due to apparent setpoint drift. The PORVs were successfully reseated.
December 27, 1983	PORV 456 opened due to an RCS pressure increase while performing OP-1001.1, Filling and Venting the Reactor Coolant System. During this transient, PCV-3-145 was in manual due to poor response in auto. PORV operation was satisfactory.

UNIT 4

Per Procedure 0202.1, Cold to Hot Shutdown, and Procedure 0205.2, Hot to Cold Shutdown, PORV 455C and 456 were tested for operability on May 10, August 14, August 16, August 18, November 13, and November 19, 1983. Both valves tested satisfactorily on the above dates. Additional valve actuations are listed below. No other PORV or pressurizer code relief valve actuations occurred for the reporting period.

August 8-15, 1983	PORVs 455C and 456 were out of service for installation of new bonnet nuts. During this period PORV 456 was stroked for operability on August 11, and PORV 455C was stroked for operability on August 13. Both valves stroked satisfactorily and were returned to service on August 15, 1983.
August 15, 1983	PORV 456 opened due to an RCS pressure increase while performing OP-0202.1. During this transient, PCV-4-145 was in auto, and its sluggish operation in this mode produced the momentary pressure increase. PORV-456 was successfully reseated.
August 17, 1983	PORV 455C and 456 were opened as per OP-1004.4, Overpressure Mitigating System - Functional Test of N_2 Backup, as required by OP-1001.1, Filling and Venting the Reactor Coolant System. Both PORVs stroked satisfactorily.
November 13, 1983	PORV 456 was maintained in the open position due to inoperability of MOV-4-535 which was open with the breaker open to test for a ground on the MOV. The PORV was reclosed and successfully reseated.