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 AUTH. NAME AUTHOR AFFILIATION
 PLUNKETT, T.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 EBNETER, S.D. Region 2 (Post 820201)

SUBJECT: Special rept: on 920918, overpressure mitigating sys actuation occurred due to increase in RCS pressure experienced as motor-operated valves approached fully closed position. Night order issued & inservice testing procedure revised.

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OCT 19 1992
L-92-275
10 CFR 50.36

Stewart D. Ebnetter
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta St., N.W., Suite 2900
Atlanta, GA 30323

Dear Mr. Ebnetter:

Re: Turkey Point Unit 4
Docket No. 50-251
Special Report - Overpressure
Mitigating Systems - PORV Actuation

In accordance with Technical Specification 6.9.2, the attached Special Report is provided for your information.

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

Very truly yours,

T. F. Plunkett
Vice President
Turkey Point Nuclear

Attachment

TFP/OIH

cc: Document Control Desk, USNRC, Washington, D.C.
R. C. Butcher, Senior Resident Inspector, USNRC, Turkey Point
Plant

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SPECIAL REPORT

Purpose:

This Special Report is submitted in accordance with the requirements of Technical Specification (T.S.) 3.4.9.3, Action b.3, which requires the submission of a Special Report pursuant to T.S. 6.9.2 in the event either the Power Operated Relief Valves (PORVs) or a 2.20 square inch vent is used to mitigate a Reactor Coolant System (RCS) pressure transient.

Event and Action Taken:

On September 19, 1992 at 12:55 a.m., the Turkey Point Unit 4, 4A Residual Heat Removal (RHR) pump was stopped to perform the required Inservice Testing (IST) for MOV-4-750 and MOV-4-751 prior to entering Mode 4, in accordance with Procedure 4-OSP-206.3, "Inservice Valve Testing Hot Standby to Cold Shutdown". At 1:03 a.m., actuation of the Overpressure Mitigating System (OMS) occurred due to an increase in RCS pressure experienced as MOV-4-750 and MOV-4-751 approached the fully closed position. The OMS system operated as designed, with PORV PCV-4-456 lifting at 415 psig. The PORV properly reseated at 350 psig.

Root Cause:

Testing of MOV-4-750 and MOV-751 while the RCS was in a water solid condition in conjunction with a delay in stopping the charging pump, caused the RCS pressure increase and the subsequent actuation of the OMS.

Corrective Actions:

The corrective actions which have been completed include:

1. A Night Order was issued to remind personnel of the importance of evaluating the care required for sensitive evolutions prior to performing the evolutions. This action was completed September 20, 1992.
2. Procedure 4-OSP-206.3, "Inservice Valve Testing Hot Standby to Cold Shutdown," was revised to prevent cycling of MOV-750 and/or MOV-751 while the RCS is in a water solid condition. This action was completed September 20, 1992.



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