



FLORIDA POWER & LIGHT COMPANY

December 5, 1975

PRN-LI-75-8

Mr. Norman C. Moseley, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
230 Peachtree Street, N.W., Suite 818
Atlanta, Georgia 30303

Dear Mr. Moseley:

UNUSUAL EVENT 250-75-3
TURKEY POINT UNIT 3
DISTORTION OF 3A MAIN STEAM
LINE SPRING SUPPORT

A. DESCRIPTION OF EVENT

The Unit 3 reactor was in the refueling shutdown condition. On November 5, 1975, the spring hanger on the 3A Main Steam line inside containment was found to be distorted. The hanger was a spring compression support combined with a link assembly for flexibility. The hanger distortion was shown to a Nuclear Regulatory Commission inspector who was on-site at the time.

B. APPARENT CAUSE AND ANALYSIS OF EVENT

The occurrence was not witnessed so the exact cause is unknown, however, a recent spurious closure of the 3A Main Steam Isolation Valve (MSIV) at full power may have generated enough transient load to distort the hanger. The hanger had been originally designed to withstand hydrostatic test and dead loads. Distortion of the hanger indicates that the load generated during the occurrence was absorbed by the hanger thereby protecting the Main Steam piping.

Visual examination has shown no degradation of the Main Steam piping in the area of the hanger-to-piping weld. A liquid penetrant examination will be conducted to verify this.

C. CORRECTIVE ACTION

A Plant Change/Modification (PC/M) is being generated to provide a new hanger designed to withstand the spurious closure load as well as the hydro and test loads. The parts for the new design hanger have been received and work to install the hanger will begin upon final approval of the PC/M. The new hanger will be installed before the end of the current refueling outage.

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In addition, the hangers on the 3B, 3C, 4A, 4E, and 4C Main Steam lines are being evaluated to determine if their design requires improvement. If the final evaluation leads to a change in the design of any to these hangers, a supplementary report will be issued.

Very truly yours,

for A. D. Schmidt
A. D. Schmidt
Vice President
Power Resources

MAS/ms

cc: Jack R. Newman, Esquire
Director, Office of Inspection and Enforcement (30)
Director, Office of Management Information and Program
Control (3)