

August 19, 1991

Docket Nos. 50-250
and 50-251

Mr. J. H. Goldberg
President-Nuclear Division
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

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Dear Mr. Goldberg:

SUBJECT: PRESSURIZER SURGE LINE THERMAL STRATIFICATION, BULLETIN 88-11,
TURKEY POINT UNITS 3 AND 4 (TAC NOS. M72176 AND M72177)

The NRC staff and its consultant, Brookhaven National Laboratory, have completed their review of the Westinghouse Owners Group (WOG) report (WCAP-12639) on generic detailed analysis of pressurizer surge line stratification. The staff concluded that the methodology used to analyze and evaluate the stress fatigue effects due to thermal stratification and thermal striping was acceptable. However, for the 43 plants included in the WOG generic analysis, only 15 plants demonstrated acceptable stress fatigue in the surge line.

Although the results of the WOG generic analysis cannot be used to satisfy Actions 1.c and 1.d of Bulletin 88-11 for your facility, the enclosed Safety Evaluation is being provided for your information and use. The Safety Evaluation provides some guidance for the 28 Westinghouse plants, including Turkey Point Units 3 and 4, that could not be shown acceptable by the WOG generic analysis. The staff recognizes your commitment, provided in your letter L-90-424, dated January 2, 1991, to complete plant-specific analyses in accordance with Action 1.d by November 29, 1991, and to incorporate the results into the existing analysis documentation of record by December 31, 1991.

You are requested to inform us in writing when your results are in the record.

Sincerely,

(Original Signed By)

Rajender Auluck, Senior Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

LA: PDII-2
DMiller
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PM: PDII-2
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Mr. J. H. Goldberg
Florida Power and Light Company

Turkey Point Plant

cc:

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