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UNITED STATES ^{certified by}
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

April 9, 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

Dear Mr. Goldberg:

SUBJECT: TURKEY POINT DESIGN VALIDATION INSPECTION FOLLOWUP (50-250/91-201;
50-251/91-201)

This letter conveys the results and conclusions of the followup to the design validation inspection of the Turkey Point Nuclear Power Plant, Units 3 and 4. The original inspection was conducted by the U.S. Nuclear Regulatory Commission in October 1989 as documented by Inspection Report 50-250 and 251/89-203. The followup inspection was performed at the Florida Power and Light (FPL) Company's offices at Juno Beach, Florida, during the week of February 25, 1991. The inspection report is enclosed.

The purpose of this inspection was to assess the status of corrective actions for eight deficiencies from the 1989 inspection. All other deficiencies and inspector followup items were addressed by other NRC inspections, as indicated in Sections 1.0 and 2.0 of the enclosed report.

The team closed seven of the eight deficiencies. Deficiency 89-203-12, which concerned the adequacy of the component cooling water (CCW) heat exchanger support pedestal, remains open. The calculation prepared to resolve this deficiency did not use the most current loads to check the adequacy of the pedestal even though the new loads were about twice the magnitude of the original loads. Deficiency 89-203-16 was closed based on the team's understanding that FPL will install the Unit 4 portion of a modification package to strengthen the CCW surge tank supporting platform to meet Bulletin 79-02 program commitments. The team designated Deficiencies 89-203-12 and 89-203-16 as items which should be resolved prior to the restart of the units.

The team found that, in response to Deficiency 89-203-20, FPL had extended the Design Basis Documentation verification effort to the component level. The team found that good initial progress had been made regarding the component design requirements package for the safety injection system.

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Mr. J. H. Goldberg

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There were a substantial number of errors present in the calculations reviewed. While your staff and contractors were able to correct these errors during the inspection to the team's satisfaction, the team was concerned with the quality of contractor work products and your lack of review of these products. During the previous inspection, oversight of contracted engineering was also identified as a weakness.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure will be placed in the Public Document Room.

Should you have any questions concerning this inspection, please contact me or Mr. Hai-Boh Wang at (301) 492-0958.

ORIGINAL SIGNED BY STEVEN A. VARGA

Steven A. Varga, Director
Division of Reactor Operations I/II
Office of Nuclear Reactor Regulation

Enclosure:
NRC Inspection Report 50-250/91-201;
50-251/91-201

cc: See page 3

Distribution: See page 4

*See previous concurrence

RSIB:DRIS

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D:DRIS

D:DRP

HWang:sf

DPNorkin

EVIbro

BKGrimes

SAVarga

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Handwritten initials and date:
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Mr. J. H. Goldberg
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