



FPL

APR 28 2008

L-2008-099
10CFR50.54(f)

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Re: Florida Power and Light Company
Turkey Point Unit 4
Docket No. 50-251

Completion of Single Active Failure Analysis Related to NRC Generic Letter 2004-02,
"Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis
Accidents at Pressurized-Water Reactors"

- Reference: (1) Revised Content Guide for Generic Letter 2004-02 Supplemental Responses, November 2007
- Reference: (2) Letter from W. Jefferson, Jr. (FPL) to U. S. Nuclear Regulatory Commission "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors", Dated February 28, 2008

The purpose of this letter is to advise the Nuclear Regulatory Commission (NRC) that a worst case single failure analysis for Turkey Point Unit 4 has been completed, as requested under Topic 3.g of Reference 1, *"Describe the single failure assumptions relevant to pump operation and sump performance."* This analysis affirms that the emergency operating procedures for the recirculation phase of a loss of coolant accident address worst case single active failures for emergency core cooling flow, and assures that recirculation flow across the new sump strainers is bounded by testing. This analysis is available for NRC inspection, and per our commitment date in Reference 2, this information will be reported in our final Generic Letter 2004-02 response, currently scheduled for 90 days after restart from the current Turkey Point Unit 4 refueling outage.


This information is provided pursuant to the requirements of Section 182a of the Atomic Energy Act of 1954, as amended, and 10CFR50.54(f).

Please contact Olga Hanek at 305-246-6607 if you have any questions regarding this letter.

A116
NRR

I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 28, 2008.

A handwritten signature in black ink, appearing to be 'WJ', with a long horizontal stroke extending to the right.

William Jefferson, Jr.
Site Vice President
Turkey Point Nuclear Plant

cc: NRC Regional Administrator, Region II
USNRC Project Manager, Turkey Point Nuclear Plant
Senior Resident Inspector, USNRC, Turkey Point Nuclear Plant