



JUN 21 2011

L-2011-197
10 CFR 50.90

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555-0001

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Response to NRC Request for Additional Information Regarding
Extended Power Uprate License Amendment Request No. 205 and
Reactor Systems Issues

References:

- (1) M. Kiley (FPL) to U.S. Nuclear Regulatory Commission (L-2010-113), "License Amendment Request No. 205: Extended Power Uprate (EPU)," (TAC Nos. ME4907 and ME4908), Accession No. ML103560169, October 21, 2010.
- (2) Email from J. Paige (NRC) to T. Abbatiello (FPL), "Turkey Point EPU – Reactor Systems (SRXB) Requests for Additional Information - Round 1.2 (Part 2)," Accession No. ML11158A094, June 7, 2011.
- (3) M. Watson (Westinghouse) to U.S. Nuclear Regulatory Commission (LTR-NRC-11-30), "Response to NRC Request for Additional Information (RAI) from Reactor Systems Branch (SRXB) Related to Extended Power Uprate," June 21, 2011.

By letter L-2010-113 dated October 21, 2010 [Reference 1], Florida Power and Light Company (FPL) requested to amend Renewed Facility Operating Licenses DPR-31 and DPR-41 and revise the Turkey Point Units 3 and 4 Technical Specifications (TS). The proposed amendment will increase each unit's licensed core power level from 2300 megawatts thermal (MWt) to 2644 MWt and revise the Renewed Facility Operating Licenses and TS to support operation at this increased core thermal power level. This represents an approximate increase of 15% and is therefore considered an extended power uprate (EPU).

By email from the NRC Project Manager (PM) dated June 7, 2011 [Reference 2], additional information regarding non-Loss-of-Coolant-Accident (LOCA) safety analysis issues was requested by the NRC staff in the Reactor Systems Branch (SRXB) to support the review of the EPU License Amendment Request (LAR) [Reference 1]. The Request for Additional Information (RAI) consisted of one question designated SRXB-1.2.1 requesting the RETRAN input deck for the loss of electrical load transient, a discussion of the input parameters and, if available, a description of the calculations of input values. The response to this question on behalf of FPL and the Turkey Point Nuclear Plant has been submitted directly to the NRC by Westinghouse [Reference 3].

In accordance with 10 CFR 50.91(b)(1), a copy of this letter is being forwarded to the State Designee of Florida.

This submittal does not alter the significant hazards consideration or environmental assessment previously submitted by FPL letter L-2010-113 [Reference 1].

This submittal contains no new commitments and no revisions to existing commitments.

ADDI
NRC

Should you have any questions regarding this submittal, please contact Mr. Robert J. Tomonto, Licensing Manager, at (305) 246-7327.

Very truly yours,

A handwritten signature in black ink, appearing to read "Michael Kiley". The signature is fluid and cursive, with a long horizontal stroke at the end.

Michael Kiley
Site Vice President
Turkey Point Nuclear Plant

cc: USNRC Regional Administrator, Region II
USNRC Project Manager, Turkey Point Nuclear Plant
USNRC Resident Inspector, Turkey Point Nuclear Plant
Mr. W. A. Passetti, Florida Department of Health