



JUN 07 2011
L-2011-210
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
Supplementary Information Related to FPL's Response to NRC Request for Additional
Information (RAI) IHPB-1.5

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) M. Kiley (FPL) to U.S. Nuclear Regulatory Commission (L-2011-030), "Response to NRC Request for Additional Information (RAI) Regarding Extended Power Uprate Request No. 205 and Human Performance Issues – Round 1," ML110680074, March 3, 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).

On March 3, 2011, FPL submitted responses to RAIs from the NRC's Health Physics and Human Performance Branch (IHPB) [Reference 2]. Included was a response to IHPB-1.5 in which the processes used to develop human factors interfaces, including verification and validation of operator actions and interfaces, were summarized. The purpose of this letter is to provide the specific reference for those processes and procedures.

As stated in the response, changes in operator action requirements resulting from EPU will be verified and validated. The station's formalized process for verification and validation of the emergency operating procedures and off-normal operating procedures is currently governed by Turkey Point Units 3 and 4 Procedure No. 0-ADM-110, Emergency and Off-Normal Operating Procedures Verification and Validation Plan. Instructions for the human factors engineering aspects of plant modifications, including screening checklists, are currently contained in Quality Instruction ENG-QI 1.10, Nuclear Engineering Human Factors. These procedures are subject to revision.

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

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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.

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

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

Executed on June 7, 2011.

Very truly yours,



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