FPL

L-2011-281
10 CFR 52.3

July 29, 2011

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

Re: Florida Power & Light Company
Proposed Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Response to NRC Environmental Request for Additional Information Letter 110614 (RAI 5764 Revision 2) Environmental Standard Review Plan
Section 3.2.2 – Structures with a Major Environmental Interface

Reference:

1. NRC Letter to FPL dated June 14, 2011, Environmental Request for Additional Information Letter 110614 Related to ESRP Section 3.2.2, Structures With a Major Environmental Interface, for the Combined License Application Review for Turkey Point Units 6 and 7

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) Environmental Request for Additional Information (RAI) 3.2.2-1 provided in Reference 1. The attachment identifies changes that will be made in a future revision of the Turkey Point Units 6 and 7 Combined License Application (if applicable).

If you have any questions, or need additional information, please contact me at 561-691-7490.

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

Executed on July 29, 2011.

Sincerely,

William Maher
Senior Licensing Director – New Nuclear Projects

WDM/RFO

D097
NRO

Attachment: FPL Response to NRC RAI No. 3.2.2-1 (RAI 5764 Revision 2)

cc:
PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO
Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4

NRC RAI Letter No. 110614 Dated June 14, 2011

SRP Section: EIS 3.2.2 – Structures with Major Environmental Interface

Question from Environmental Technical Support Branch (RENV)

NRC RAI Number: EIS 3.2.2-1 (RAI 5764 Revision 2)

Provide information on the current planned design of the radial well collector system including the length, location, diameter, depth, screen slot size, and completion details for each of the radial arms. The design of this system has been evolving and the staff must have the most current information.

FPL RESPONSE:

Current published radial collector well conceptual design information may be found in the report *FPL Turkey Point Units 6 & 7 Radial Collector Well Summary* (FPL, February 2011).

This response is PLANT SPECIFIC.

References:

FPL, February 2011. *FPL Turkey Point Units 6 & 7 Radial Collector Well Summary* available at: http://publicfiles.dep.state.fl.us/Siting/Outgoing/FPL_Turkey_Point/Units_6_7/Completeness/Plant_Associated_Facilities/4th_Round_Completeness/FPL%20Response_4thCompleteness/Attachments/TP6-7_RCW%20Summary/TP6-7_Radial_Collector_Well_Summary_FinaL.pdf (accessed July 19, 2011)

ASSOCIATED COLA REVISIONS:

The COLA will be updated in a future revision to state that the radial collector wells will be installed at a depth of approximately 25 to 40 feet below the bottom of Biscayne Bay (reference FPL Letter L-2011-174 dated May 18, 2011, Attachment 2).

ASSOCIATED ENCLOSURES:

None