



L-2011-082
10 CFR 52.3

February 28, 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
NRC June 2010 Environmental Audit
Submittal of Groundwater Model Development and Analysis:
Units 6 & 7 Dewatering and Radial Collector Well Simulations, Revision 1

References:

1. FPL Letter L-2009-144 to NRC, dated June 30, 2009, Application for Combined License for Turkey Point Units 6 & 7
2. NRC Memorandum A. Kugler to R. Whited, dated September 21, 2010, Summary of the Environmental Site Audit Related to the Review of the Combined License Application for Turkey Point Units 6 and 7

Florida Power & Light Company (FPL) submitted a Combined License (COL) Application for two AP1000 pressurized water reactor units to be located at the Turkey Point site, designated Turkey Point Units 6 and 7, located in Miami-Dade County, FL on June 30, 2009 (Reference 1).

During the week of June 7, 2010, the NRC and its contractors conducted a site audit to assist their review of the Environmental Report submitted as part of the COL Application. The NRC issued the site audit summary on September 21, 2010 (Reference 2).

In discussions between FPL and the NRC during the Environmental Site Audit, FPL indicated that a revision of the groundwater model was being performed and would provide information related to several information need requests.

The purpose of this letter is to submit the Groundwater Model Development and Analysis, Units 6 & 7 Dewatering and Radial Collector Well Simulations, Revision 1. The report documents the development, calibration, and simulation results of a groundwater flow model of the proposed dewatering systems and radial collector well system for Turkey Point Units 6 & 7.

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Additionally, this letter is also to inform the NRC that a revision to the groundwater model calculation (Revision 4) has been completed and a copy has been placed in the Reading Room for inspection.

The input/output files for the groundwater model will be provided by separate letter.

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 February 28, 2011

Sincerely,



William Maher
Senior Licensing Director – New Nuclear Projects

Enclosure: Groundwater Model Development and Analysis: Units 6 & 7 Dewatering and Radial Collector Well Simulations, Revision 1

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