



L-2011-113  
10 CFR 52.3

April 15, 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  
10 CFR 50.46 Annual Report for the AP1000 Standard Plant Design

Reference:

1. FPL Letter L-2009-144 to the NRC dated June 30, 2009, Application for Combined License for Turkey Point Units 6 and 7
2. FPL Letter L-2010-063 to the NRC dated April 12, 2010, 10 CFR 50.46 Annual Report for the AP1000 Standard Plant Design
3. FPL Letter L-2010-151 to the NRC dated July 19, 2010, Small-Break Loss of Coolant Accident Analysis 10 CFR 50.46 Thirty (30) Day Report for the AP1000 Standard Plant Design
4. WEC letter to the NRC dated March 15, 2011, 10 CFR 50.46 Annual Report for the AP1000 Standard Plant Design

Florida Power & Light Company (FPL) submitted an application for combined licenses (COL) for Turkey Point Units 6 and 7 to be located in Miami-Dade County, FL on June 30, 2009, (Reference 1). The purpose of this letter is to provide a required report in accordance with 10 CFR 50.46, Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors.

FPL submitted the first 10 CFR 50.46 annual report on April 12, 2010 (Reference 2). FPL submitted a 30-day report under 10 CFR 50.46 regarding the small-break loss of coolant accident analysis for the AP1000 Standard Plant Design on July 19, 2010 (Reference 3).

Westinghouse Electric Corporation (WEC) submitted its 10 CFR 50.46 annual report (Reference 4) to the Nuclear Regulatory Commission (NRC) on March 15, 2011. The annual report addressed a change in the calculated peak fuel cladding temperature resulting from the changes previously identified in FPL's 30-day report (Reference 3). A design certification holder is required to report such a change to the NRC in accordance with 10 CFR 50.46(a)(3). This regulation also requires a similar report from any COL applicant also affected by the change. The FPL COL application (Reference 1) incorporates by reference the AP1000 design certification document (DCD) and thus

Florida Power & Light Company

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also the peak fuel cladding temperature calculations performed by WEC. Therefore, the WEC 10 CFR 50.46 annual report (Reference 4) is applicable to the Turkey Point Unit 6 & 7 AP1000 COL application.

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

Sincerely,



William Maher  
Senior Licensing Director – New Nuclear Projects

WDM/GRM

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