



FPL

Florida Power & Light Company, 6501 S. Ocean Drive, Jensen Beach, FL 34957

October 3, 2005

L-2005-213
10 CFR 50.90

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

RE: St. Lucie Unit 2
Docket No. 50-389
License Amendment Pre-application Submittal
Implementing 42% Steam Generator Tube Plugging Limit

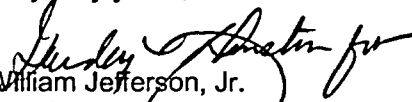
Pursuant to 10 CFR 50.90, Florida Power & Light Company (FPL) plans to submit a request to amend Facility Operating License NPF-16 for St. Lucie Unit 2. The purpose of the proposed license amendment request is to allow operation of St. Lucie Unit 2 with a reduced reactor coolant system (RCS) flow rate of 300,000 gpm and a reduction in the maximum thermal power to 89% of the rated thermal power (RTP). The definition of rated thermal power remains unchanged at 2700 MWt. The flow rate of 300,000 gpm is expected to conservatively bound a steam generator tube plugging level of 42% per steam generator. The re-analysis performed to support this reduction in RCS flow has used Westinghouse WCAP-9272 methodology the same methodology approved for St. Lucie Unit 2 in License Amendment 138. The implementation of these changes will require changes to the current Technical Specifications (TS).

FPL management, engineers, and its contractor (Westinghouse Electric Company, LLC) met with NRC management and the NRC technical staff on May, 12, 2005, May 18, 2005, July 13, 2005, and September 1, 2005 to discuss the scope, content, and schedule for this proposed amendment and seek NRC staff feedback.

As a result of the above meetings, FPL and its contractor agreed to provide the NRC technical staff with a pre-application copy of the Westinghouse Licensing Report, WCAP-16489-NP, Revision 0, St. Lucie Unit 2 42-Percent Steam Generator Tube Plugging. The pre-application copy of the Westinghouse Licensing Report, WCAP-16489-NP, Revision 0 is enclosed.

The complete proposed licensing amendment is currently in the QA Program required FPL review and approval process. FPL expects to submit the complete proposed license amendment package by November 1, 2005. Please contact George Madden at 772-467-7155 if there are any questions about this submittal.

Very truly yours,


William Jefferson, Jr.
Vice President
St. Lucie Plant

WJ/GRM

Enclosure

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