

50-389



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 21, 1999

Mr. T. F. Plunkett  
President - Nuclear Division  
Florida Power and Light Company  
P.O. Box 14000  
Juno Beach, Florida 33408-0420

SUBJECT: ST. LUCIE UNIT 2 - ISSUANCE OF AMENDMENT REGARDING THE  
CYCLE 12 RELOAD PROCESS IMPROVEMENT (TAC NO. MA4523)

Dear Mr. Plunkett:

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 105 to Facility Operating License No. NPF-16 for the St. Lucie Plant, Unit No. 2. This amendment consists of changes to the Technical Specifications (TS) in response to your application dated December 18, 1998, as supplemented September 13, 1999.

This amendment revises the St. Lucie, Unit 2, TS Index Page III, TS 1.10, Dose Equivalent I-131; TS 2.1.1.2, Linear Heat Rate; TS 3.1.1.1/4.1.1.1.1, Shutdown Margin -  $T_{avg}$ . Greater than 200°F; TS 3/4.1.1.2, Shutdown Margin -  $T_{avg}$ . Less Than or Equal to 200°F; TS 3.1.2.2, Boration Systems Flow Paths - Operating; TS 3.1.2.4, Charging Pumps - Operating; TS 3.1.2.6, Boric Acid Makeup Pumps - Operating; TS 3.1.2.8, Borated Water Sources - Operating; and TS 6.9.1.11, Core Operating Limits Report (COLR). The amendment also relocates several cycle-specific values of shutdown margins to the St. Lucie Unit 2 COLR. These values are calculated using NRC-approved methodology.

The following Bases sections are also being changed in connection with the issuance of this amendment: TS Bases 2.1.1, Reactor Core; Bases Figure B2.1-1, Axial Power Distributions for Thermal Margin Safety Limits; TS Bases 2.2.1, Reactor Trip Setpoints (Variable Power Level-High); TS Bases 3/4.1.1.1 and 3/4.1.1.2, Shutdown Margin; and TS Bases 3/4.1.2, Boration Systems;

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December 21, 1999

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Original signed by:

Kahtan N. Jabbour, Sr. Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-389

- Enclosures: 1. Amendment No. 105 to NPF-16
- 2. Safety Evaluation

cc w/enclosures: See next page

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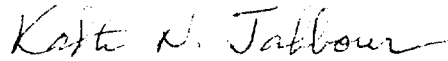
T.F. Plunkett

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Sincerely,



Kahtan N. Jabbour, Sr. Project Manager, Section 2  
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