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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.      05000389  
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SUBJECT: Application for amend to License NPF-16, to incorporate revised pressure/temp limits.

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P.O. Box 14000, Juno Beach, FL 33408-0420

FEBRUARY 07, 1990

L-90-43  
10 CFR 50.90

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

Gentlemen:

Re: St. Lucie Unit 2  
Docket No. 50-389  
Proposed License Amendment  
P-T Limits and LTOP Analysis

In accordance with 10 CFR 50.90, Florida Power & Light Company (FPL) submits herewith a request to amend Facility Operating License NPF-16.

The purpose of this amendment is to incorporate revised pressure/temperature (P-T) limits and the results of a revised low temperature overpressure protection (LTOP) analysis into the Technical Specifications for St. Lucie Unit 2. The current St. Lucie Unit 2 Technical Specifications for P-T/LTOP are applicable to 6 effective full power years (EFPY) of operation. Accordingly, the St. Lucie Unit 2 Technical Specifications require revision prior to the plant reaching 6 EFPY.

Revised Technical Specifications pages are provided in Attachment 1. Attachment 2 is the Safety Analysis of the proposed amendment. Attachment 3 is a "Determination of No Significant Hazards Consideration". Attachment 4 is a detailed report of the methodology used to calculate the P-T curves and revised LTOP requirements.

The proposed amendment has been reviewed by the St. Lucie Facility Review Group and the Florida Power & Light Company Nuclear Review Board.

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an FPL Group company

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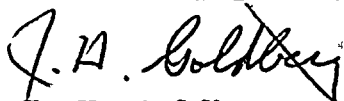
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In accordance with 10 CFR 50.91(b)(1), a copy of the proposed amendment is being forwarded to the State Designee for the State of Florida.

Your approval of the proposed amendment is requested prior to the plant reaching 6 EFPY (about September 1990), since the existing P-T curves expire at that time.

Please contact us if there are any questions about this submittal.

Very truly yours,



J. H. Goldberg  
Executive Vice President

JHG/EJW/gp

Attachments

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, St. Lucie Plant  
Mr. Jacob Nash, Florida Department of Health and  
Rehabilitative Services

