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ACCESSION NBR: 8712030027 DOC. DATE: 87/11/27 NOTARIZED: NO DOCKET #
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME: WOODY, C. O. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

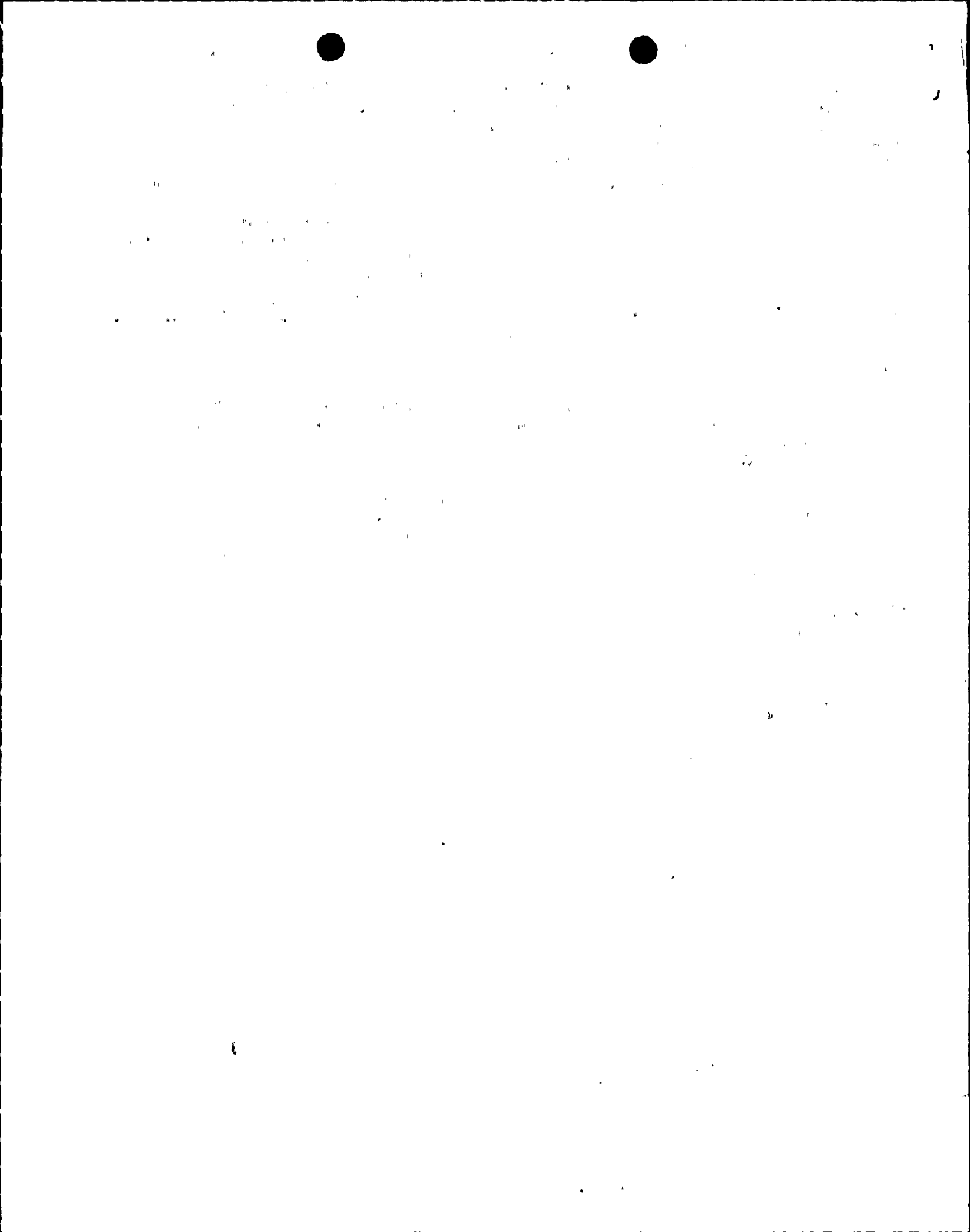
SUBJECT: Application for amend to License NPF-16, incorporating revised pressure/temp limits and results of recent low temp overpressure protection analysis. NRC approval requested prior to plant reaching 32 EFPYs. Fee paid.

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NOVEMBER 27 1987

L-87-482

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 the amendment is to incorporate revised Pressure/Temperature (P/T) limits and the results of a recent Low Temperature Overpressure Protection (LTOP) analysis into the Technical Specifications for St. Lucie Unit 2. New P/T limit curves have been generated for six operating periods starting at 4 Effective Full Power Years (EFPY) out to 32 EFPY (in intervals of 4-10, 10-15, 15-20, 20-25, 25-30 and 30-32 EFPY). Your approval of the proposed amendment is requested prior to the plant reaching 4.0 EFPY (currently projected to occur no earlier than May 13, 1988), since the existing P/T curves expire at that time. We are prepared to meet with your staff as necessary to expedite the review process.

Revised Technical Specification pages are provided in Attachment 1. Attachment 2 is a Safety Evaluation 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 new P/T curves and proposed OMS system alignment configurations and Attachment 5 describes the methodology used for adjusted reference temperature calculation.

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U.S. Nuclear Regulatory Commission
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Page two

In accordance with 10 CFR 170.21, FPL Check No. 6776 is attached as remittance of the license amendment application fee.

Very truly yours,


C. O. Woody
Group Vice President
Nuclear Energy

COW/EJW/gp

Attachments (5)

cc: Dr. J. Nelson Grace, USNRC, Region II
Senior Resident Inspector, USNRC, St. Lucie Plant
Mr. Lyle Jerrett, Florida Dept. of Health and Rehabilitative Services

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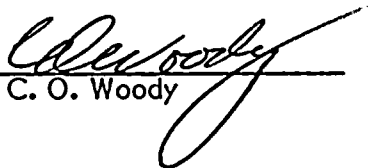
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STATE OF FLORIDA)
)
COUNTY OF PALM BEACH) ss.


C. O. Woody being first duly sworn, deposes and says:

That he is a Group Vice President of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.


C. O. Woody

Subscribed and sworn to before me this
27 day of November, 1987.


Dennis M. Dalinis
NOTARY PUBLIC, in and for the County
of Palm Beach, State of Florida

My Commission expires: NOTARY PUBLIC STATE OF FLORIDA
BY COMMISSION EXP SEPT 18, 1989
BOND THRU GENERAL INS. UND.

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