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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.
 AUTH. NAME: SAGER, D.A. AUTHOR AFFILIATION: Florida Power & Light Co. *586 RPL*
 RECIP. NAME: RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

SUBJECT: Application for amend to License DPR-67, revising TS Figure 2.1-1, Tables 2.2-1 & 3.2-1 & Bases pages B2-1 & B2-2 for reduction of RCS design flow to accomodate future SG tube plugging up to 25% (average).

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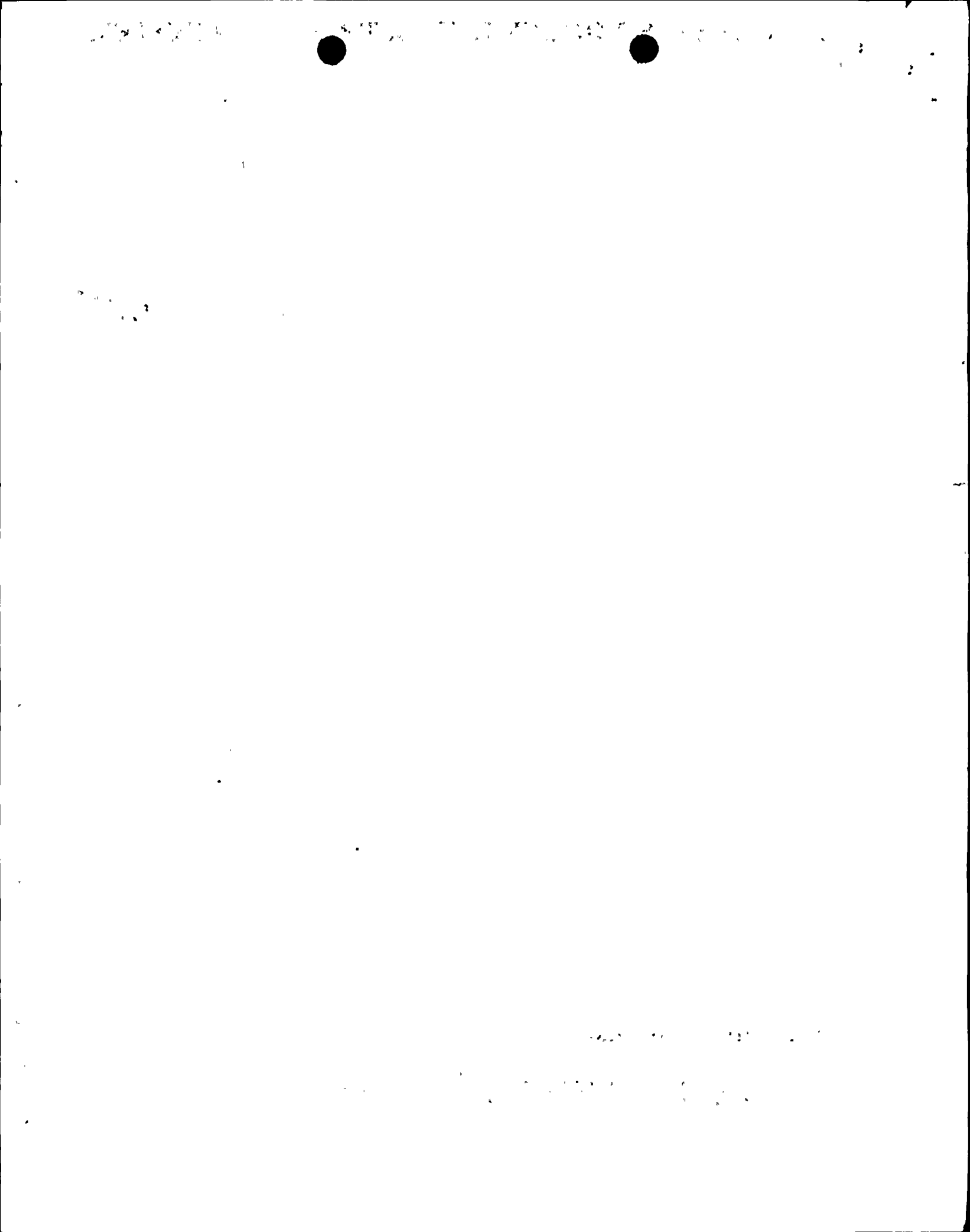
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March 19, 1993

L-93-035
10 CFR 50.90

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

RE: St. Lucie Unit 1
Docket No. 50-335
Proposed License Amendment
St. Lucie Unit 1 Reduction of
Reactor Coolant System Design Flow

Pursuant to 10 CFR 50.90, Florida Power & Light Company (FPL) requests to amend Facility Operating License DPR-67 for St. Lucie Unit 1. The proposed amendment allows a reduction in Reactor Coolant System (RCS) design flowrate from the current value of 370,000 gpm to 355,000 gpm. Accordingly, changes to Technical Specifications (TS) Figure 2.1-1, Tables 2.2-1 and 3.2-1, and associated TS Bases pages B2-1 and B2-2 are forwarded herewith.

The purpose of the proposed change is to accommodate future steam generator tube plugging (SGTP) up to 25% (average). Though not expected, it is possible that SGTP performed during the upcoming Spring 1993 refueling outage may eliminate any remaining margin between the actual number of plugged tubes and that used in existing safety analyses assumptions. Therefore, your early attention to this proposal is requested.

Please note that acceptability of the attached analyses is contingent upon favorable review and approval of Topical Report XN-NF-82-49(P), "Exxon Nuclear Company Evaluation Model - Revised EXEM PWR Small Break Model", Revision 1, Supplement 1, May 1992. This proprietary report was submitted to the staff via Siemens Power Corporation transmittal letter dated May 1, 1992.

Attachment 1 contains copies of TS pages marked-up to show the changes. Attachment 2 is a Safety Analysis in support of the proposed amendment. Attachment 3 is the "Determination of No Significant Hazards Consideration." Enclosures 1, 2, and 3 are reports of analyses performed by the Unit 1 fuel vendor in support of this request: (1) "Siemens Power Corporation St. Lucie Unit 1 Chapter 15 Event Review and Analysis for 25% Steam Generator Tube Plugging", (2) "St. Lucie Unit 1 Large Break LOCA/ECCS Analysis with 25 ± 7% SGTP", and (3) "St. Lucie Unit 1 Small Break LOCA Analysis".

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

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

Very truly yours,

DASager
D. A. Sager
Vice President
St. Lucie Plant

DAS/RLD/kw
DAS/PSL #881-93

Attachments
Enclosures

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

St. Lucie Unit 1
Docket No. 50-335
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St. Lucie Unit 1 Reduction of
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STATE OF FLORIDA)
)
COUNTY OF ST. LUCIE) SS.

D. A. Sager being first duly sworn, deposes and says:

That he is Vice President, St. Lucie Plant for the Nuclear Division 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.

D.A. Sager
D.A. Sager

STATE OF FLORIDA
COUNTY OF ST. LUCIE

The foregoing instrument was acknowledged before

me this 19 day of March, 1993
by D.A. Sager, who is personally known to me
and who did take an oath.

Karen West
KAREN WEST
Name of Notary Public

My Commission expires 4-18-94

Commission No. CC003229

