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ACCESSION NBR: 8801290194 DOC. DATE: 88/01/22 NOTARIZED: YES DOCKET #
FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
AUTH. NAME AUTHOR AFFILIATION
WOODY, C. O. Florida Power & Light Co. See Proposed Change to Tech Spec.
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Application for amend to License DPR-67, changing Tech Specs to revise requirements for boric acid makeup sys. Safety evaluation, determination of NSHC & CEN-353 (F), Boric Acid Concentration Reduction Effort," encl. Fee paid.
SEE PROPOSED CHANGES TO TECH. SPECS.

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FPL

JANUARY 22 1988

L-88-37

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

Gentlemen:

Re: St. Lucie Unit 1
Docket No. 50-335
Proposed License Amendment
Boric Acid Concentration Reduction

In accordance with 10 CFR 50.90, Florida Power & Light Company (FPL) submits herewith a request to amend Facility Operating License DPR-67.

This amendment is submitted to revise the requirements for the boric acid makeup (BAMU) system. These changes would reduce the boron concentration requirements, increase the water volume to meet the shutdown margin requirements of Technical Specifications 3.1.1.1 and 3.1.1.2 and remove the requirement to heat trace the BAMU system. In addition, FPL has reevaluated the post-LOCA containment sump pH to assess the affects of the boric acid makeup tank boron concentration reduction on this analysis. An evaluation documenting the analysis required to reduce the Chemical Storage Tank NaOH solution is also submitted. This change is required to offset containment sump and containment spray pH changes caused by the proposed reduction in boron concentration.

Marked up copies of the affected Technical Specification pages are included as Attachment 1. A Safety Evaluation in support of the proposed amendment is included as Attachment 2. A "Determination of No Significant Hazards Consideration" is provided as Attachment 3. A report entitled "Boric Acid Concentration Reduction Effort", CEN-353(F) is included as Attachment 4.

EJW/020.PLA

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Staff review and approval of this proposed license amendment is requested by June 15, 1988, to support hardware modifications for implementing this change during the Summer 1988 refueling outage.

In accordance with 10 CFR 170.21, FPL Check No. 7151 is attached as remittance for the license amendment application fee.

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

Very truly yours,

C. O. Woody
Executive Vice President

COW/EJW/gp

Attachments (4)

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

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

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

That he is Executive 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
22 day of January, 1988.

NOTARY PUBLIC, in and for the County
of Palm Beach, State of Florida

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