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FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
AUTH. NAME AUTHOR AFFILIATION
WOODY, C. O. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Application for amend to License DPR-67, changing Tech Specs to increase enrichment spec of new fuel storage rack to 4.5 weight percent (w/o) U-235. Supporting documentation encl. Fee paid.

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JANUARY 20 1988

L-88-16
10 CFR 50.90

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
New Fuel Storage Racks Fuel Assembly Enrichment

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

The proposed amendment would increase the enrichment specification of the new fuel storage rack to 4.5 weight percent (w/o) U-235. In support of the proposed amendment, FPL is submitting for NRC review and approval, a criticality safety analysis for the St. Lucie Unit 1 new fuel storage vault with 4.5% enriched 14 X 14 fuel assemblies. This proposed change allows increased flexibility in fuel management and accomodates storage of higher enrichments for use in future cycles.

Marked up copies of the affected Technical Specifications 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.

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.

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In accordance with 10 CFR 170.21, FPL Check No. 7150 is attached as remittance for the license amendment application fee.

Please contact us if you have 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 Dept. 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
C. O. Woody

Subscribed and sworn to before me this
20 day of January, 1988.

Bernice M. Dalmas
NOTARY PUBLIC, in and for the County
of Palm Beach, State of Florida

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

My Commission expires: _____