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ACCESSION NBR: 8706170592 DOC. DATE: 87/06/12 NOTARIZED: YES DOCKET # 05000335
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.
 AUTH. NAME: WOODY, C. O. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

SUBJECT: Application for amend to License DPR-67, permitting replacement of spent fuel pool racks & increasing available storage to 1,706 spent fuel assemblies.

see proposed changes tech specs

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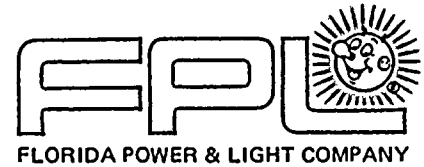
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L-87-245

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
Spent Fuel Pool Rerack

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

This proposed amendment permits replacement of the spent fuel pool racks to ensure that sufficient future capacity exists for storage of spent fuel at St. Lucie Unit 1. The new, high-density racks increase the available storage to 1706 spent fuel assemblies and are expected to provide adequate storage space until the year 2009.

A temporary crane will be installed and operated in the spent fuel area during the rerack. Administrative procedures for the temporary construction crane will preclude the transfer of loads in excess of 2,000 pounds over the spent fuel. After the rerack is completed, this crane will be removed.

The proposed Technical Specification changes are described below and shown on the Attachment I marked up Technical Specification pages.

1. Technical Specification 3/4.9.14 Bases is revised to reflect the assumptions used in calculations of doses based on the Decay Times.
2. Technical Specification 5.6.1.a.1 is revised to correspond to the Standard Technical Specifications for Combustion Engineering Pressurized Water Reactors (NUREG-0212 Rev. 2).
3. Technical Specification 5.6.1.a.2 is revised to show the nominal center-to-center distance for the new storage racks.
4. Technical Specification 5.6.1.a.3 is edited to discuss the boron concentration only.
5. Technical Specification 5.6.1.a.4 is added to indicate the presence of Boraflex in the cells.
6. Technical Specification 5.6.1.b and accompanying Figure 5.6-1 are added to show the increased spent fuel enrichment permitted in the pool.

Pool

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7. Technical Specification 5.6.1.c is editorially changed from "b" to "c".
8. Technical Specification 5.6.3 is changed to show the capacity of the high-capacity spent fuel storage racks.

In accordance with 10 CFR 50.91(a)(1), it has been determined that the proposed amendment does not involve any significant hazards considerations pursuant to 10 CFR 50.92. The No Significant Hazards Consideration determination is documented in Attachment 2. In addition, a Safety Analysis Report supporting the proposed amendment has been prepared and is provided as Attachment 3.

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.


In accordance with 10 CFR 170, FPL Check No. 4797 is attached as remittance for the license amendment application fee.

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

It is requested that the NRC approve the proposed modification and proposed Technical Specifications on an expedited schedule but no later than January 15, 1988. This schedule will support installation of the high-density spent fuel racks prior to the scheduled Fall 1988 refueling outage. After that refueling outage, rerack of the St. Lucie Unit 1 spent fuel pool would be extremely difficult, if not impossible, without trans-shipment of spent fuel to St. Lucie Unit 2.

Please contact us if there are questions about this submittal.

Very truly yours,


C. O. Woody
Group Vice President
Nuclear Energy

COW/EJW/gp

Attachments (4)

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

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THE UNIVERSITY OF MICHIGAN
LANSING, MICHIGAN

Dear Sirs:
I have the honor to acknowledge the receipt of your letter of the 10th inst. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,
Yours truly,
[Signature]

[Signature]

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Very truly yours,
[Signature]

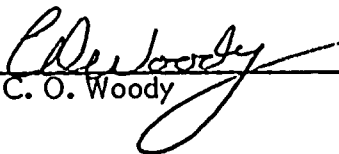
STATE OF FLORIDA)
)
COUNTY OF PALM BEACH)

ss.

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

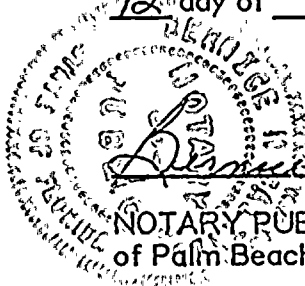
That he is a Group Vice President of Florida Power & Light Company, the Licensee herein;

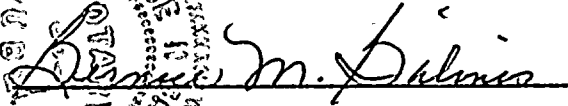
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.


C. O. Woody

Subscribed and sworn to before me this

12 day of June, 1987.




Denise M. Palma

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.

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