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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335  
 AUTH. NAME: WOODY, C. D. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP. NAME: THADANI, A. C. RECIPIENT AFFILIATION: PWR Project Directorate 8

SUBJECT: Application for amend to License DPR-67, changing nominal active fuel length for reactor core fuel assemblies specified in Tech Spec 5.3.1. Fee paid.

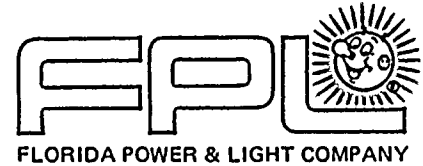
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1 OCTOBER 17 1986

L-86-423

Office of Nuclear Reactor Regulation  
Attention: Mr. Ashok C. Thadani, Director  
PWR Project Directorate #8  
Division of PWR Licensing - B  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Thadani:

Re: St. Lucie Unit 1  
Docket No. 50-335  
Proposed License Amendment  
Active Fuel Length

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

The proposed amendment changes the nominal active fuel length for reactor core fuel assemblies specified in St. Lucie Unit 1 Technical Specification 5.3.1. The purpose of this change is to permit the loading of fuel with a nominal active fuel length of between 134.1 and 136.7 inches. The amended active fuel length requirements will permit the use of a fuel rod design that is more resistant to fretting type failures than the present design.

A marked up copy of the affected Technical Specification page is 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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1. The first part of the report is a general introduction to the subject of the study.

2. The second part of the report is a detailed description of the methods used in the study.

3. The third part of the report is a discussion of the results of the study.

4. The fourth part of the report is a conclusion of the study.

5. The fifth part of the report is a list of references.

6. The sixth part of the report is a list of appendices.

7. The seventh part of the report is a list of figures.

8. The eighth part of the report is a list of tables.

9. The ninth part of the report is a list of footnotes.

10. The tenth part of the report is a list of symbols.

11. The eleventh part of the report is a list of abbreviations.

12. The twelfth part of the report is a list of acronyms.

13. The thirteenth part of the report is a list of definitions.

14. The fourteenth part of the report is a list of terms.

15. The fifteenth part of the report is a list of concepts.

16. The sixteenth part of the report is a list of theories.

17. The seventeenth part of the report is a list of models.

18. The eighteenth part of the report is a list of hypotheses.

19. The nineteenth part of the report is a list of predictions.

20. The twentieth part of the report is a list of conclusions.

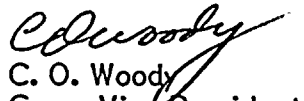
Mr. Ashok C. Thadani, Director  
L-86-423  
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The enclosed material contains proprietary information and, therefore, is exempt from public disclosure in accordance with Section 2.790 of the NRC "Rules of Practice", Title 10, Code of Federal Regulations.

In accordance with 10 CFR 170.21, FPL Check No. 2857 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  
Group Vice President  
Nuclear Energy

COW/MAS/cvb

Attachments (3)

cc: Dr. J. Nelson Grace, USNRC, Region II  
Mr. Alan Schubert, Florida Dept. of Health and Rehabilitative Services  
Harold F. Reis, Esquire, Newman & Holtzinger

1. The first part of the report is a summary of the work done during the year.

2. The second part is a detailed account of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

3. The third part is a summary of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

4. The fourth part is a summary of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

5. The fifth part is a summary of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

6. The sixth part is a summary of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

7. The seventh part is a summary of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

8. The eighth part is a summary of the work done during the year, and is divided into two sections: (a) the work done during the first half of the year, and (b) the work done during the second half of the year.

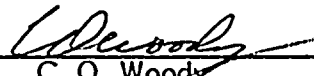
STATE OF FLORIDA           )  
                                  ) ss.  
COUNTY OF PALM BEACH )

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;

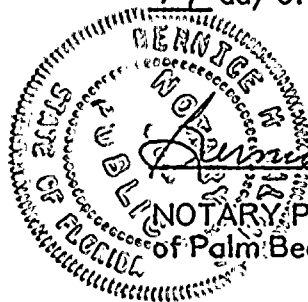
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.

Figure 1 of the enclosed material is proprietary, and therefore, exempt from public disclosure in accordance with Section 2.790 of the NRC "Rules of Practice", Title 10, Code of Federal Regulations.

  
C. O. Woody

Subscribed and sworn to before me this

17 day of October, 1986.



Dennis M. Dalinis  
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.

