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EISENHUT,D.G. Assistant Director for Licensing

SUBJECT: Forwards Amend 10 to FSAR. Revised 6/14/82 gh

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FLORIDA POWER & LIGHT COMPANY

May 26, 1982
L-82-222

Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Unit 2
Docket No. 50-389
Amendment 10 To The Final
Safety Analysis Report

In accordance with the requirements of 10 CFR 50.30, Florida Power & Light Company (FPL) is submitting sixty (60) copies of Amendment 10 to the Final Safety Analysis Report, St. Lucie Plant Unit 2.

The changes to the amendment are contained in the attachment.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems and Technology

REU/RAK/ga

Attachments

cc: J. P. O'Reilly, Director, Region II (w/o attachments)
Harold F. Reis, Esquire (w/o attachments)

B001
3/60

STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

J. W. Williams, Jr., being first duly sworn, deposes and says:

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

That he has executed the foregoing document; that the statements made in this said 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

J. W. Williams, Jr.

Subscribed and sworn to before me this

26 day of May, 1982

Cheryl I. Fredrick

NOTARY PUBLIC, in and for the County of Dade, State of Florida

My commission expires: Notary Public, State of Florida at Large My Commission Expires October 30, 1983 Bonded thru Maynard Bonding Agency

ATTACHMENT TO L-82-222
Dated May 26, 1982

Changes in the St Lucie Plant Unit 2, FSAR as a result of Amendment 10.

1) Appendix 1.9B - was revised to incorporate the changes which resulted from the recent NRC review Questions/Response (FPL letters L-81-468, 474 dated October 27, 1981 and November 10, 1981 respectively).

2) Section 2.1.3.9 and 2.1.4 were revised to insert a subsection on the periodic update of the population data around the St Lucie 2 site and to include information on the future land uses around the site. These items were added at the NRC's request.

3) Section 2.5 was revised to conform to the processed geotechnical data available regarding the Hutchinson Island soil profile.

4) Chapter 3 contains general revisions including changes made for consistency with other chapters of the FSAR, changes made for completeness and better comprehension and other changes made to correct typographical errors.

5) Section 3.7 contains a new Subsection which adequately describes the CEDM's.

6) Section 3.9 was revised to include updates of the computer programs used in the analysis at the St Lucie 2 plant and a new subsection on Deep Draft Pump Operability.

7) Chapter 4 includes general revisions to correct typographical and editorial errors.

8) Sections 4.1, 4.2 and 4.3 were revised to indicate that the Part Length CEAs are not currently planned to be used at St Lucie 2.

9) Section 4.4 contains information that includes updated information on the minimum and maximum allowable reactor coolant flow rate and hydraulic loads on internal components.

10) Chapter 5 general revisions include changes for consistency with other Chapters of the FSAR along with changes to correct editorial and typographical errors.

11) Section 5.2 was revised to incorporate the normal and LTOP operational considerations of the PORVs.

12) Section 5.4 was revised to modify the subsections on the Reactor Coolant Pumps and the Residual Heat Removal System to reflect the recent information provided to the NRC via various correspondence.

13) Section 6.2 revised the combined leakage rate of bypass leakage to .27 and this subsection was also revised to correct editorial comments.

14) Section 6.3 revised the subsection to clarify the source of charging pump-water with regards to the small break ECCS analysis.

15) Tables 7.3 was revised to a) include the charging pumps to actuate on SIAS b) fill in "laters" c) and correct discrepancies.

16) Chapter 8 - corrected typographical errors and corrected references.

17) Chapter 9 was revised to include a writeup on charging pumps actuation to be consistent with the information provided to the NRC previously.

18) Chapter 12 was revised to include the Post Accident Sampling System Sources.

19) Chapter 15 was changed to include the revised Accident Analysis and revised dose calculations for loss of coolant accident.

20) 220 Series Questions were revised to add missing information into the text that the NRC staff has already reviewed and also we corrected some typographical errors.

21) 490 Series Questions were revised to conform more closely with FSAR Section 4.2.

22) 492 Series Questions contained the new Questions/Responses to three new questions and also present are editorial comments.