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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389  
 AUTH. NAME: UHRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIPIENT NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Forwards Amend 9 to FSAR.

*Revised 3 4-9-82 ml*  
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TITLE: PSAR/FSAR AMDTS and Related Correspondence

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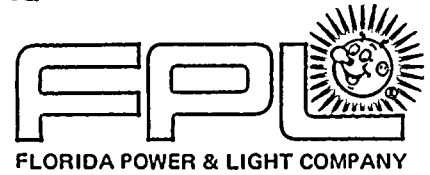
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March 31, 1982  
L-82-119

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 9 to The Final  
Safety Analysis Report

In accordance with the requirements of 10CFR 50.30, Florida Power & Light Company (FPL) is submitting sixty (60) copies of Amendment 9 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)

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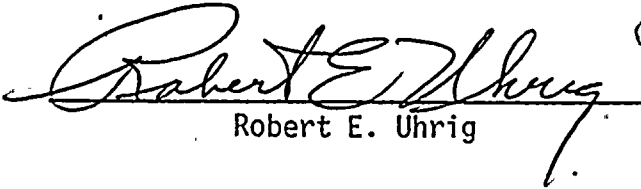
) ss.

COUNTY OF DADE )

Robert E. Uhrig, being first duly sworn, deposes and says:

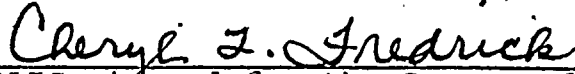
That he is Vice President of Florida Power &  
Light Company, the                          herein;

That he has executed the foregoing document; that the state-  
ments 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

  
Robert E. Uhrig

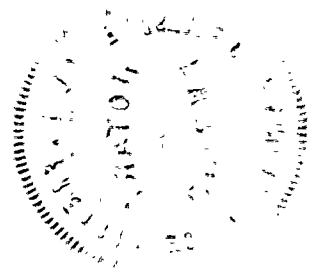
Subscribed and sworn to before me this

31 day of March, 1982



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-82-119  
Dated March 31, 1982

Changes in the St Lucie Plant as a Result of Amendment 9

- 1) Section 1.2 Updated figures to reflect current revisions of the drawings. Change is technical in nature.
- 2) Section 1.7 Revised tables (1.7-1, 3 and 4/Safety Related AE & NSSS CWDs, P&ID's) to reflect current drawing revisions. Change is technical in nature.
- 3) Section 1.9A Revised section to conform to FPL's letters L-81-348 dated 9/3/81 and L-81-426 dated 9/29/81 which were submitted to the NRC to justify CIAS setpoints of containment pressure per NUREG 0737. Change is technical in nature.
- 4) Section 2.1 Revised section to designate Port St Lucie as the nearest population center. This was done at the request of the NRC via its Safety Evaluation Report, Subsection 2.1.3. Change is technical in nature.
- 5) Section 2.3 Incorporated the revised diffusion rates that have been previously transmitted to the NRC via FPL letter L-81-426 dated 9/29/81. This change is technical in nature.
- 6) Section 2.5 Added references, and made other editorial changes.
- 7) Section 3.2 Modified table 3.2-1 to be consistent with the response to NRC Question 410.16. The change is technical in nature.
- 8) Section 3.5 Expanded discussion on overall damage prediction for tornado resistant doors to indicate the method used by the vendor. Also in table 3.5-3 indicated the protecting enclosures surrounding the Hydrogen Analyzers. Changes are technical in nature.
- 9) Section 3.6 Inserted information as requested by the NRC at the MEB Draft SER Meeting. Change is technical in nature.
- 10) Section 3.6B Revised Question number reference at the request of Victor Nerses, NRC Licensing Project Manager. Change is editorial in nature.

- 11) Subsection 3.9.1,5 & Table 3.9-29 Inserted information requested by the NRC at the MEB Draft SER Meeting. Change is technical in nature.
- 12) Subsection 3.9.3 & Tables 3.9-1,5,6,9,17 Reiterated and clarified scope of responsibility and detail performed by the NSSS and AE regarding ASME Code Component. This information was discussed at the MEB Draft SER Meeting. Change is editorial in nature.
- 13) Section 3.10 Additional information, as requested by the NRC per R.G. 1.70 Rev 3, was provided on seismic supports of electrical equipment and instrumentation. Change is technical in nature.
- 14) Section 4.2 Corrected and added information resulting from the revised responses to NRC question 490.1. This information has been previously supplied to the NRC via FPL letters L-81-403 dated 9/14/81 and L-81-474 dated 11/10/81. The changes are both technical and editorial in nature.
- 15) Subsection 4.2.1.5.1 Incorporated the fuel surveillance program description into the FSAR. This information has been previously submitted to the NRC via FPL letter L-81-403 dated 9/14/81. The change is technical in nature.
- 16) Section 4.4 Added figure references into text. Change is editorial in nature.
- 17) Section 5.2 Updated and clarified information on welder qualifications. Change is technical in nature.
- 18) Section 5.4 Updated the FSAR section to conform to the response to NRC question 440.1. Change is technical in nature.
- 19) Section 6.1 Revised section in the FSAR as a result of FPL's ongoing Quality Assurance Review. Change is editorial in nature.
- 20) Section 6.2 Corrected typographical errors in this FSAR section. Table 6.2-2, 25 have been revised to incorporate the actual calculated peak differential pressure across the subcompartment walls. No change to the design bases or subcompartment analysis assumptions were made. This change is technical in nature.
- 21) Section 6.3 Added reference in text to new drawings. Also provides new information on post LOCA Long Term Cooling, as committed to, by FPL, in our FSAR subsection 6.3.3.4. Change is technical in nature.



- 22) Table 7.3 Corrected typographical errors and added new information to conform with the material supplied to the NRC by FPL letters L-81-384 dated 9/3/81 and L-81-426 dated 9/29/81. This change is technical in nature.
- 23) Section 8.2 Added transient stability study to closeout NRC Question 430.76. Change is technical in nature.
- 24) Section 8.3 Added information to indicate how simultaneous closing of both RTGB Buses will be prevented. Change is technical in nature.
- 25) Tables 9.1 Corrected editorial errors and increased accuracy of numbers. Changes are editorial in nature.
- 26) Subsection 9.3.3.2 Revised subsection in FSAR to make it consistent with FPL's response to NRC Question 410.15. Change is editorial in nature.
- 27) Subsection 9.3.6 Change is editorial in nature.
- 28) Section 9.4 Indicated that the FHB ventiation systems control systems initiate at a High radiation signal and not High-High. Change is technical in nature.
- 29) Section 9.5 Revised section to conform to FPL's previous response to the NRC Question on the Diesel Generator Air Start System. Change is technical in nature.
- 30) Section 10.3 Modified section to indicate FPL's degree of compliance with NRC's R.G. 1.71. Change is technical in nature.
- 31) Section 10.4 Change is editorial in nature.
- 32) Table 10.4.9.A-4 Revised the table to clarify that St Lucie Unit 2 has a dedicated, seismic Category I safety class 2 condensate storage tank. Change is technical in nature.
- 33) Section 11.3 Added reference to figures in text. Change is editorial in nature.
- 34) Section 11.5 Specified high range calibration method for incontainment high range radiation monitors. This is in compliance with NUREG 0737. This change is technical in nature.

- 35) Table 11.5-1 & 12.3-2 Provided new information on items marked later (e.g. radiation monitors minimum sensitivity, typical alarms and control setpoints). This is technical in nature.
- 36) Chapter 13 Minor editorial changes.
- 37) Chapter 15 Revised dose calculations in Chapter 15 as a result of FPL letter to the NRC (L-81-426, dated 9/29/81). This change is technical in nature.
- 38) Question 210A.18A Inserted NRC Question/Response into the text which has been previously submitted to the NRC via a telecopy. This change is technical in nature.
- 39) Questions - 271 Series Inserted NRC Questions (271.1-271.6) into the text. This information has been supplied to the NRC previously by FPL letter L-81-507 dated 12/2/81. Change is technical in nature.
- 40) Questions - 280 Series Inserted NRC Questions (280.1-280.30) into the text. The information has been previously submitted to the NRC via FPL letter L-82-20 dated 1/19/82. This information is technical in nature.
- 41) Questions 410.39 thru 410.46 Inserted new NRC Questions into the text. This information has been previously submitted to the NRC via FPL letter L-82-20 dated 1/19/82. This change is technical in nature.
- 42) Questions 420 Series Revised/Added information to have the text conform to the numerous FPL letters sent to the NRC during the accelerated review cycle. This change is technical in nature.

