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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.      05000335  
 AUTH. NAME      AUTHOR AFFILIATION  
 UHRIG, R.E.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 EISENHUT, D.G.      Division of Licensing

SUBJECT: Application to amend License IPR-67, revising radiological effluent Tech Specs.

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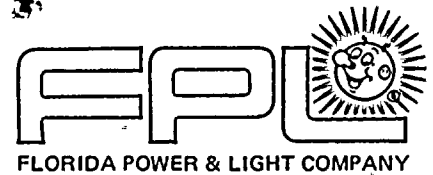
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THE UNITED STATES OF AMERICA  
DEPARTMENT OF THE ARMY  
OFFICE OF THE ADJUTANT GENERAL  
WASHINGTON, D. C.

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May 13, 1982  
L-82-201

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 1  
Docket No. 50-335  
Proposed License Amendment  
Radiological Effluent Technical Specification

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

Florida Power & Light submitted proposed Amendments to Appendices A and B of St. Lucie Unit 1 Technical Specifications on March 15, 1979 (L-79-61) and August 23, 1979 (L-79-232). The proposed amendments were for changes to the facility's Radiological Effluent Technical Specifications (RETS) pursuant to NUREG 0472. On March 4 and 5, 1982 we met with representatives of the NRC and its contractors to review the proposed amendments. The attached is the results of our review transmitted for the review and approval by the NRC as agreed upon at that time.

We request that these proposed amendments be approved effective January 1, 1983. This will allow us to effectively coordinate the implementation of the new Environmental Protection Plan and the pending Technical Specifications for St. Lucie Unit 2. The additional time will also be necessary to allow for procedure writing and personnel training.

The proposed amendment is described below and shown on the accompanying Technical Specification pages bearing the date of this letter in the lower right hand corner.

Page 1-6

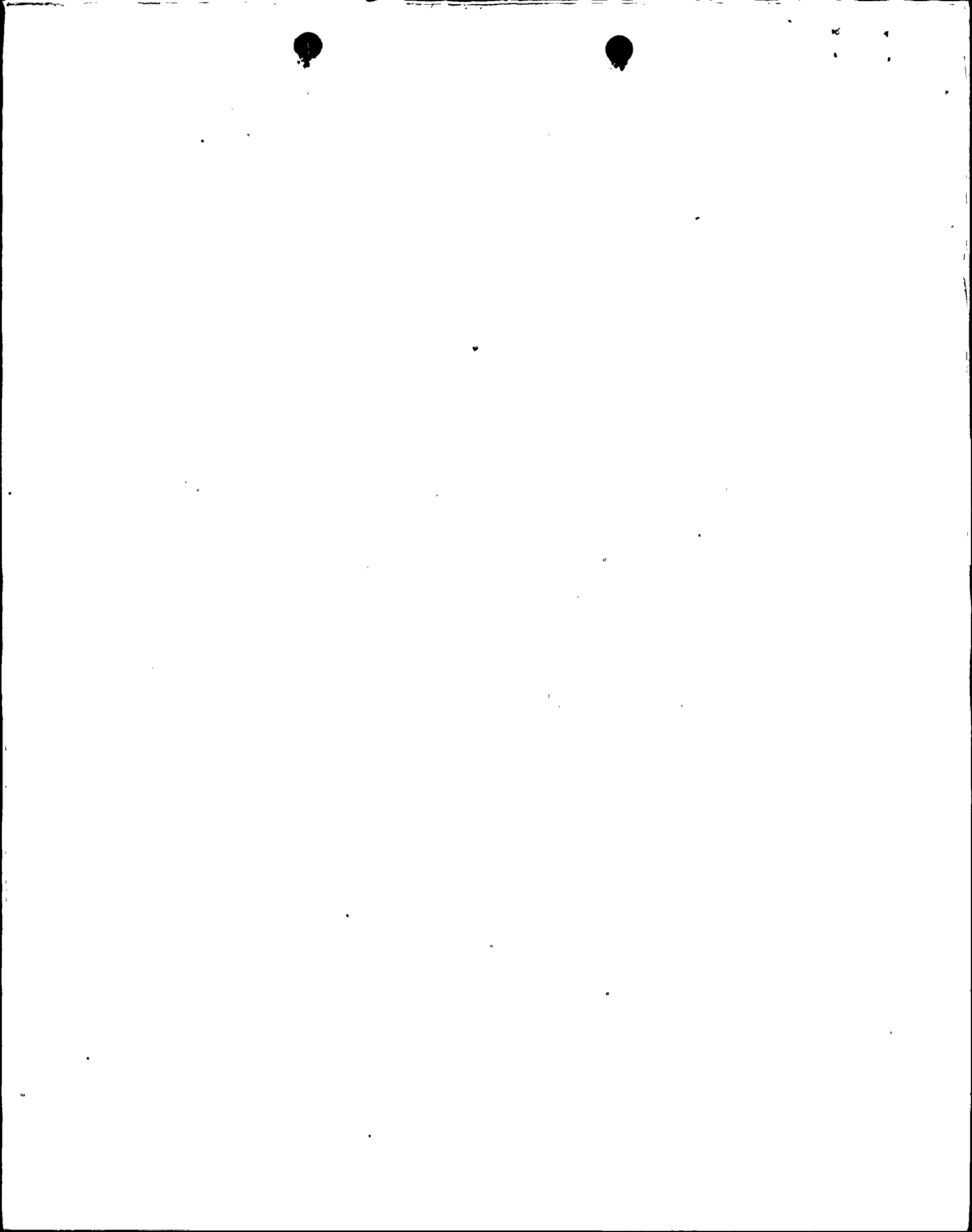
Definitions 1.31 to 1.35 have been added.

Table 1.2

Two additional sampling frequencies have been added to the table.

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Pages 3/4 3-30, 3/4 3-31 and Table 4.3-5

The meteorological instrumentation on specification was modified to reflect the new requirements.

Pages 3/4 3-45 through 3-49

Radioactive liquid effluent instrumentation requirements have been added.

Pages 3/4 3-50 through 3-54

Radiological gaseous process and effluent monitoring instrumentation requirements have been added.

Pages 3/4 11-1 through 11-13

The release rate limits for liquid and gaseous effluents have been moved from Appendix B to Appendix A and modified to the RETs format.

Page 3/4 11-14

The explosive gas mixture requirements of the RETs have been added.

Page 3/4 11-15

The total curie content of the gas storage tank allowed for site boundary released considerations has been added.

Page 3/4 11-16

The process control program for solidification of radioactive waste has been added.

Pages 3/4 12-1 thru 3/4 12-10

The offsite radiological environmental monitoring program has been relocated from Appendix B to Appendix A including requirements of RETs.

Page B 3/4 3-4

The bases for the radiological liquid and gaseous effluent instrumentation has been added.

Page B 3/4 3-4

The bases for the Radiological Liquid and Gaseous Effluent instrumentation was added.

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Pages B 3/4 11-1 thru 11-4

Radiological effluent bases from Appendix B have been expanded and relocated to Appendix A.

Page B 3/4 11-5

Additional bases have been added.

Page 3/4 12-1

Radiological Environmental Monitoring bases have been moved from Appendix B to Appendix A.

Page 6-7

Section 6.5.1.6.e and 6.5.1.7.c have a title change, Section 6.5.1.6.k and l have been added to require review by the Facility Review Group.

Page 6-13

Section 6.7.1.d contains a title change, procedures requirements for 6.8.1.g, h & i have been added.

Page 6-17

Section 6.9.1.12.j & k are added to provide prompt reportability for the gas storage tank and instantaneous release rates.

Page 6-18

Section 6.9.1.9.e have been moved from Appendix B to Appendix A to provide 30 day reportability for unplanned offsite releases.

Page 6-19

Section 6.9.2.k and l, m, n & o have been added to require additional reports.

Pages 6-20 thru 6-23

Section 6.9.3 has been added to require reports for annual radiological effluent monitoring and semiannual radiological effluent release reports.

Pages 6-24 and 6-25

Section 6.10.2 n & o have been added to provide for record retention.

Section 6.12 has been expanded to more completely define high radiation area.

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Pages 6-27 and 6-28

Section 6.17 has been added to include the Process Control Program.

Section 6.18 has been added to include the Offsite Dose Calculation Manual.

In addition to the above changes, modifications are to be made to the Technical Specifications of Appendix B. These changes reflect the relocation of the radiological monitoring requirements into Appendix A.

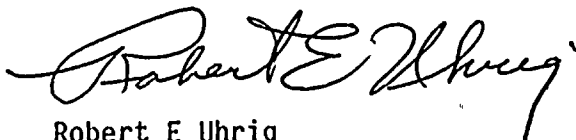
<u>PAGE</u>	<u>DESCRIPTION OF CHANGE</u>
i	Delete Sections 1.14, 1.15, and 2.4 from the Table of Contents.
ii	Delete Sections 3.2 from the Table of Contents.
iii	Delete entire page. Tables have been moved to Appendix A.
iv	This page renumbered iii. Delete 3.2-1 and 3.2-2 from the List of Figures.
1-1	Delete frequency definitions for "semi-annually" and "refueling".
1-2	Delete definitions 1.14 (Batch Releases) and 1.15 (Continuous Release).
2-3	Delete Section 2.4 (Radioactive Effluents).
2-4 through 2-20	Delete these pages in their entirety (Section 2.4).
3-5	Delete Section 3.2 (Radiological Environmental Monitoring).
3-6 through 3-16	Delete Section 3.2 in its entirety.
5-1	The responsibility of the Vice President of Nuclear Energy is revised (Section 5.1 second paragraph).
5-3	Specification 5.3.3.B.9 is deleted.
5-5	Delete Section 5.6.1.b (Annual Radiological Environmental Monitoring Report).

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<u>PAGE</u>	<u>DESCRIPTION OF CHANGE</u>
5-6	Delete entire page (Section 5.6.1.b.).
5-7	Delete Section 5.6.1.c (Semiannual Radioactive Effluent Release Report). The remaining material is moved to the bottom of page 5-5.
5-8 through 5-14	Delete these pages in their entirety (Section 5.6.1.c).
5-15	Delete Section 5.6.2.b (Radioactive Effluent Reports), and renumber as page 5-6.
5-16	Delete the remainder of Section 5.6.2.b, and delete Section 5.6.2.c (Radiological Environmental Surveillance Reports). Renumber as page 5-7.
5-17	Delete Section 5.7.2.c (records of radioactivity levels) and renumber Section 5.7.2.d as 5.7.2.c.  Correct typographical error in Section 5.7.1.a. The reference at the end of the sentence should be "5.3.3.F.5".  Move the remaining contents of this page to renumbered page 5-7.

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

Very truly yours,



Robert E Uhrig  
Vice President  
Advanced Systems & Technology

REU/JEM/mbd

Attachment

cc: J.P. O'Reilly, Region II  
Harold F. Reis, Esquire