

June 16, 1988

Docket No. 50-335

Mr. W. F. Conway
Acting Group Vice President
Nuclear Energy
Florida Power and Light Company
Post Office Box 14000
Juno Beach, Florida 33408

Dear Mr. Conway:

SUBJECT: ST. LUCIE UNIT 1 - ISSUANCE OF AMENDMENT RE: CORRECTIONS TO VALVE TABLES (TAC NO. 66075)

DISTRIBUTION

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The Commission has issued the enclosed Amendment No. 96 to Facility Operating License No. DPR-67 for the St. Lucie Plant, Unit No. 1. This amendment consists of changes to the Technical Specifications in response to your application dated August 25, 1987.

This amendment revises several valve tag numbers, penetration numbers and valve types in the St. Lucie Unit 1 Technical Specification Table 3.6-1, "Containment Leakage Path" and Table 3.6-2 "Containment Isolation Valves."

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Original signed by

E. G. Tourigny, Project Manager
Project Directorate II-2
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 96 to DPR-67
2. Safety Evaluation

cc w/enclosures:

See next page

LA:PMII-2
DAM:Miller
03/31/88

PM:PDII-2
ETourigny:bd
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D:PDII-2
HBerkow
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OGC-WF
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03/18/88

Mr. W. F. Conway
Florida Power & Light Company

St. Lucie Plant

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER & LIGHT COMPANY

DOCKET NO. 50-335

ST. LUCIE PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 96
License No. DPR-67

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power & Light Company, (the licensee) dated August 25, 1987, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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P PDR

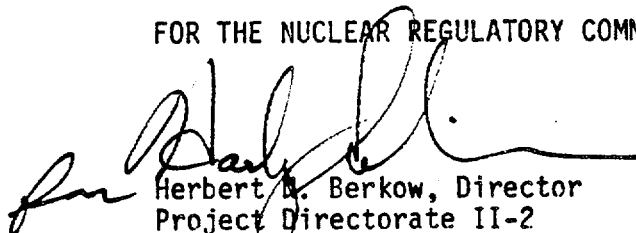
2. Accordingly, Facility Operating License No. DPR-67 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and by amending paragraph 2.C.(2) to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 96, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Herbert A. Berkow, Director
Project Directorate II-2
Division of Reactor Projects-I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 16, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 96
TO FACILITY OPERATING LICENSE NO. DPR-67
DOCKET NO. 50-335

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

<u>Remove Pages</u>	<u>Insert Pages</u>
3/4 6-5	3/4 6-5
3/4 6-6	3/4 6-6
3/4 6-7	3/4 6-7
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TABLE 3.6-1

CONTAINMENT LEAKAGE PATHS

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
7	Makeup Water	Gate (I-MV-15-1) Check (I-V-15328)	Outside Inside	Primary Makeup Water	Bypass
8	Station Air	Globe (I-V-18-947)+ Globe (I-V-18-947)++ Check (I-V-181118)+++ Globe (I-SH-18797)+++	Outside Outside Inside+++ Annulus+++	Station Air Supply	Bypass
9	Instrument Air	Gate (I-MV-18-1) Check (I-V-18195)	Outside Inside	Instrument Air Supply	Bypass
10	Containment Purge	Butterfly (I-FCV-25-4) Butterfly (I-FCV-25-5)	Inside Outside	Containment Purge Exhaust	Type C
11	Containment Purge	Butterfly (I-FCV-25-3) Butterfly (I-FCV-25-2)	Inside Outside	Containment Purge Supply	Type C
14	Waste Management	Globe (V-6741) Check (V-6779)	Outside Outside	Nitrogen supply to SI Tanks	Bypass
23	Component Cooling	Butterfly (I-HCV 14-7) Butterfly (I-HCV-14-1)	Outside Outside	RC Pump CW Supply	Bypass
24	Component Cooling	Butterfly (I-HCV-14-6) Butterfly (I-HCV-14-2)	Outside Outside	RC Pump CW Return	Bypass
25	Fuel Transfer Tube	Double Gasket Flange	Inside	Fuel Transfer	Bypass
26	CVCS	Globe (V-2515) Globe (V-2516)	Inside Inside	Letdown Line	Bypass
28	Sampling	Globe (V-5200) Globe (V-5203) Globe (I-FCV-03-1E) Globe (I-FCV-03-1F)	Outside Outside Outside Outside	Reactor Coolant Sample SI Tank Sample SI Tank Sample	Bypass Bypass

+To become I-HCV-18-2 upon completion of the modification described in L-87-123.

++To become I-V-18795 upon completion of the modification described in L-87-123.

+++To become effective upon completion of the modification described in L-87-123.

TABLE 3.6-1 (Continued)

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
29	Sampling	Globe (V-5202) Globe (V-5205)	Outside Outside	Pressurizer Steam Space Sample	Bypass
29	Sampling	Globe (V-5201) Globe (V-5204)	Outside Outside	Pressurizer Surge Line Sample	Bypass
31	Waste Management	Gate (V-6554) Gate (V-6555)	Outside Outside	Containment Vent Header	Bypass
41	Safety Injection Tank Test Lines	Gate (V-3463) Gate (I-V-07009)	Outside Outside	Safety Injection Tank Fill and Sampling	Bypass
42	Waste Management	Gate (I-LCV-07-11A) Gate (I-LCV-07-11B)	Outside Outside	Reactor Cavity Sump Pump Discharge	Bypass
43	Waste Management	Gate (V-6301) Gate (V-6302)	Outside Outside	Reactor Drain Tank Pump Suction	Bypass
44	CVCS	Gate (V-2505) Gate (I-SE-01-1)	Outside Inside	RC Pump Controlled Bleedoff	Bypass
46	Fuel Pool Cleanup	Gate (I-V-07-206) Gate (I-V-07-189)	Outside Inside	Refueling Cavity Purification Flow Inlet	Bypass
47	Fuel Pool Cleanup	Gate (I-V-07-170) Gate (I-V-07-188)	Outside Inside	Refueling Cavity Purification Flow Outlet	Bypass
48a	Sampling	Globe (I-FSE-27-1, 2, 3, 4) Globe (I-FSE-27-8)	Inside Outside	H ₂ Sampling	Type C

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TABLE 3.6-1 (Continued)

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
48c	Sampling	Globe (I-FSE-27-11) Check (I-V-27101)	Outside Inside	H ₂ Sampling	Type C
51c	Sampling	Globe (I-FSE-27-5,6,7) Globe (I-FSE-27-9)	Inside Outside	H ₂ Sampling	Type C
51a	Sampling	Globe (I-FSE-27-10) Check (I-V-27102)	Outside Inside	H ₂ Sampling	Type C
52a	Sampling	Gate (I-FCV-26-1) Gate (I-FCV-26-2)	Inside Outside	Radiation Monitoring	Bypass
52b	Sampling	Gate (I-FCV-26-3) Gate (I-FCV-26-4)	Inside Outside	Radiation Monitoring	Bypass
52c	Sampling	Gate (I-FCV-26-5) Gate (I-FCV-26-6)	Inside Outside	Radiation Monitoring Return	Bypass
52d	ILRT	Globe (I-V00140) Globe (I-V00143)	Inside Outside	ILRT Test Tap	Bypass
52e	ILRT	Globe (I-V00139) Globe (I-V00144)	Inside Outside	ILRT Test Tap	Bypass
54	ILRT	Blind Flange Gate (I-V00101)	Inside Outside	ILRT Pressure Connection	Bypass
56	Containment H ₂ Purge	Gate (I-V-25-11) Gate (I-V-25-12)	Outside Outside	Hydrogen Purge Air Makeup	Outside Bypass
57	Containment H ₂ Purge	Gate (I-V-25-13) Gate (I-V-25-14)	Outside Outside	Hydrogen Purge Exhaust	Bypass

TABLE 3.6-1 (Continued)

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
58	Containment H ₂ Purge	Gate (I-V-25-15) Gate (I-V-25-16)	Outside Outside	Hydrogen Purge Exhaust	Bypass
67	Vacuum Relief	Check (I-V-25-20) Butterfly (I-FCV-25-7)	Inside Outside	Containment Vacuum Relief	Type C
68	Vacuum Relief	Check (I-V-25-21) Butterfly (I-FCV-25-8)	Inside Outside	Containment Vacuum Relief	Type C
Personnel Lock	N.A.	None	N.A.	Ingress & Egress to Containment	Type B**
Escape Lock	N.A.	None	N.A.	Emergency Ingress & Egress to Containment	Type B**
Maintenance Hatch	N.A.	None	N.A.	Vessel Maintenance	Type B (Gasket Interspace)
Electrical Penetrations	N.A.	All primary canisters and flanged electrical penetrations except welded spares	N.A.	Electrical connections in PCV	Type B
1	Main Steam Steel Containment Nozzles	Tap 1 Tap 2	Outside Outside	Expansion Bellows	Type B
2	Main Steam Steel Containment Nozzles	Tap 1 Tap 2	Outside Outside	Expansion Bellows	Type B
3	Feedwater Steel Containment Nozzles	Tap 1 Tap 2	Outside Outside	Expansion Bellows	Type B

ST. LUCIE - UNIT 1

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Amendment No. 96

TABLE 3.6-2 (Continued)

<u>Valve Tag Number</u>	<u>Penetration Number</u>	<u>Function</u>	<u>Testable During Plant Operation</u>	<u>Isolation Time (Sec)</u>
B. MANUAL OR REMOTE MANUAL				
1. I-V-18-947 ⁺	8	Station air supply, Manual	Yes	NA
2. I-V-25-11,12	56	Hydrogen purge outside air make-up, Manual (NC)	Yes	NA
3. I-V-25-13,14,15,16	57 & 58	Hydrogen purge exhaust, Manual (NC)	Yes	NA
4. V-3463	41	Safety injection tank test line, Manual (NC)	Yes	NA*
5. I-V-07009	41	Safety injection tank test line, Manual (NC)	Yes	NA*
6. V-07206, V-07189	46	Refueling cavity purification flow inlet, Manual (NC)	Yes	NA
7. V-07170, V-07188	47	Refueling cavity purification flow outlet, Manual (NC)	Yes	NA
8. I-FSE-27-1,2,3,4,8,11	48a & 48c	Hydrogen sampling line, Remote manual	Yes	NA*
9. I-FSE-27-5,6,7,9,10	51a & 51c	Hydrogen sampling line, Remote manual	Yes	NA*

⁺To become I-V-18795 upon completion of the modification described in L-87-123.

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Amendment No. 37, 96

TABLE 3.6-2 (Continued)

<u>Valve Tag Number</u>	<u>Penetration Number</u>	<u>Function</u>	<u>Testable During Plant Operation</u>	<u>Isolation Time (Sec)</u>
10. I-FCV-26-1 & 2	52a	Radiation monitoring	Yes	NA
11. I-FCV-26-3 & 4	52b	Radiation monitoring	Yes	NA
12. I-FCV-26-5 & 6	52c	Radiation monitoring, return	Yes	NA
13. I-V00140 I-V00143	52d	ILRT test tap	Yes	NA
14. I-V00139 I-V00144	52e	ILRT test tap	Yes	NA
15. I-V00101	54	ILRT pressure connection	Yes	NA
16. I-FCV-03-1E & 1F	28	SI Tank Sample	Yes	NA**

NA - Manual Valve-Isolation time not applicable.

* May be opened on an intermittent basis under administrative control.

** Normally closed valves - Isolation time not applicable.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 96

TO FACILITY OPERATING LICENSE NO. DPR-67

FLORIDA POWER & LIGHT COMPANY

ST. LUCIE PLANT, UNIT NO. 1

DOCKET NO. 50-335

INTRODUCTION

By letter dated August 25, 1987 (L-87-354), Florida Power and Light Company (FP&L or the licensee) proposed changes to the St. Lucie Unit 1 facility Technical Specifications to eliminate typographical errors, improve consistency, adjust nomenclature, and make minor changes. The proposal was submitted to revise several valve tag and penetration numbers in the St. Lucie Unit 1 Technical Specifications Table 3.6-1, "Containment Leakage Path," and Table 3.6-2, "Containment Isolation Valves." Certain valve tag numbers being changed are currently listed with generic valve numbers and do not include the seismic qualification identifier, or are shown as incorrect valve types.

EVALUATION

The NRC staff has reviewed the licensee's submittal, dated August 25, 1987, and finds that the primary objective is to achieve a single document consistent with the as-built configuration of the plant.

The proposed changes are as follows:

1. Page 3/4 6-5

Penetration 7, Valve Tag Number

Check (I-V-15-1347) should read Check (I-V-15328).

This change corrects a generic valve designation to a plant-specific tag number.

Penetration 9, Valve Tag Number

Check (I-V-18-957) should read Check (I-V-18195).

This change corrects a generic valve designation to a plant-specific tag number.

2. Page 3/4 6-6

Penetration 41, Valve Tag Number

Gate (I-V-03-1307) should read Gate (I-V-07009).

This change corrects a generic valve designation to a plant-specific tag number.

Penetration 48 should read 48a, Valve Tag Number.

This more clearly identifies the penetration.

Globe (I-FSE-27-01,02,03,04) should read Globe (I-FSE-27-1,2,3,4).

This change corrects a typographical variance from the Technical Specifications to the as-built tag identification.

Globe (I-FSE-27-08) should read Globe (I-FSE-27-8).

This change corrects a typographical variance from the Technical Specifications to the as-built tag identification.

3. Page 3/4 6-7

Penetration 48 should read 48c, Valve Tag Number.

Check (I-FSE-27-1341) should read Check (I-V-27101).

This change corrects a generic valve designation to a plant-specific tag number and more correctly identifies the penetration.

First Penetration 51 should read 51c.

This change more correctly reflects the as-built conditions.

Second Penetration 51 should read 51a, Valve Tag Number.

Check (I-FSE-27-1342) should read Check (I-V-27102).

This change corrects a generic valve description to a plant-specific tag number and more correctly identifies the penetration.

Penetration 52d, Valve Tag Number

Gate (I-V00140(1325)) should read Globe (I-V00140).

This change corrects a misidentification in the original Technical Specifications and deletes unnecessary generic identification.

Gate (I-V-00143(1325)) should read Globe (I-V00143).

This change corrects a misidentification in the original Technical Specifications and deletes unnecessary generic identification.

Penetration 52e, Valve Tag Number

Gate (I-V00139(1322)) should read Globe (I-V00139).

This change corrects a misidentification in the original Technical Specifications and deletes unnecessary generic identification.

Gate (I-V00144(1322)) should read Globe (I-V00144).

This change corrects a misidentification in the original Technical Specifications and deletes unnecessary generic identification.

Penetration 54, Valve Tag Number

Gate (I-V00101(612)) should read Gate (I-V00101).

This change deletes unnecessary generic identification.

Penetration 56, Valve Tag Number

Gate (V-25-11) should read Gate (I-V-25-11).

This change corrects nomenclature to include seismic category.

Gate (V-25-12) should read Gate (I-V-25-12).

This change corrects nomenclature to include seismic category.

Penetration 57, Valve Tag Number

Gate (V-25-13) should read Gate (I-V-25-13).

This change corrects nomenclature to include seismic category.

Gate (V-25-14) should read Gate (I-V-25-14).

This change corrects nomenclature to include seismic category.

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Penetration 58, Valve Tag Number

Gate (V-25-15) should read Gate (I-V-25-15).

This change corrects nomenclature to include seismic category.

Gate (V-25-16) should read Gate (I-V-25-16).

This change corrects nomenclature to include seismic category.

Penetration Electrical Penetrations, Valve Tag Number

"All primary canisters except welded spares" should read "All primary canisters and flanged electrical penetrations except welded spares."

This change provides greater completeness of electrical penetrations, although used only during startup and testing.

5. Page 3/4 6-21

Valve Tag Number B.5.

I-V-03-1307 should read I-V-07009.

This change corrects a generic valve designation to a plant-specific tag number.

Valve Tag Number B.8.

I-FSE-27-1,2,3,4,8,10 should read I-FSE-27-1,2,3,4,8,11.

This change corrects a misidentification in the original Technical Specifications.

Penetration 48 should read 48a and 48c.

This change more accurately describes the penetration.

Valve Tag Number B.9.

I-FSE-27-5,6,7,9,11 should read I-FSE-27-5,6,7,9,10.

This change corrects a misidentification in the original Technical Specifications.

Penetration 51 should read 51a and 51c.

This change more accurately describes the penetration.

6. Page 3/4 6-22

Valve Tag Number B.13.

I-V00140(1325) should read I-V00140.

This change deletes unnecessary generic identification.

I-V00143(1325) should read I-V00143.

This change deletes unnecessary generic identification.

Valve Tag Number B.14.

I-V00139(1322) should read I-V00139.

This change deletes unnecessary generic identification.

I-V00144(1322) should read I-V00144.

This change deletes unnecessary generic identification.

Valve Tag Number B.15.

I-V00101(612) should read I-V00101.

This change deletes unnecessary generic identification.

The staff finds that the proposed changes listed above are administrative in that the objectives of the changes are to eliminate typographical errors, provide additional clarification, improve consistency throughout the Technical Specifications, adjust nomenclature, and make other minor changes.

The staff has evaluated the proposed changes and concluded that they are purely administrative in nature and do not detract from meeting a requirement or safety parameter or otherwise affect the operation of the St. Lucie Unit 1 facility and are, therefore, acceptable.

ENVIRONMENTAL CONSIDERATION

The amendment relates to changes in recordkeeping, reporting or administrative procedures or requirements. The Commission has previously issued a proposed finding that this amendment involves no significant hazards considerations and there has been no public comment on such finding. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: June 16, 1988

Principal Contributor:

T. MacArthur