



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

FLORIDA POWER & LIGHT COMPANY  
ORLANDO UTILITIES COMMISSION OF  
THE CITY OF ORLANDO, FLORIDA

AND

FLORIDA MUNICIPAL POWER AGENCY

DOCKET NO. 50-389

ST. LUCIE PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 10  
License No. NPF-16

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Florida Power & Light Company, et al., (the licensee) dated September 28 as superseded October 19, 1984 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and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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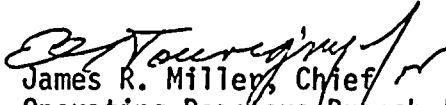
2. Accordingly, Facility Operating License No. NPF-16 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and by amending paragraph 2.C.2 to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 10, 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

  
James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 15, 1985



1944

1945

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ATTACHMENT TO LICENSE AMENDMENT NO.10  
TO FACILITY OPERATING LICENSE NO. NPF-16  
DOCKET NO. 50-389

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.

Remove Pages

- 3/4 6-5
- 3/4 6-7
- 3/4 6-22
- 3/4 6-23

Insert Pages

- 3/4 6-5
- 3/4 6-7
- 3/4 6-22
- 3/4 6-23



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TABLE 3.6-1

CONTAINMENT LEAKAGE PATHS

ST. LUCIE - UNIT 2

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Amendment No. 10

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number/Type</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
7	Makeup Water	I-HCV-15-1 Globe I-V-15-328 Check	Outside Inside	Primary Makeup Water	BYPASS/ TYPE C
8	Station Air	I-V-18-794 Globe I-V-18-796 Globe** I-V-18-797 Globe I-HCV-18-2 Globe***	Outside Inside Annulus Outside	Station Air Supply	BYPASS/ TYPE C
9	Instrument Air	I-HCV-18-1 Globe I-V-18-195 Check	Outside Inside	Instrument Air Supply	BYPASS/ TYPE C
10	Containment Purge	I-FCV-25-5 B'FLY I-FCV-25-4 B'FLY	Annulus Inside	Containment Purge Exhaust	TYPE C
11	Containment Purge	I-FCV-25-2 B'FLY I-FCV-25-3 B'FLY	Annulus Inside	Containment Purge Supply	TYPE C
14	Waste Management	V-6741 Globe V-6792 Check	Outside Inside	N <sub>2</sub> Supply to Safety Inj. Tanks	BYPASS/ TYPE C
23	Component Cooling	I-HCV-14-7 B'FLY I-HCV-14-1 B'FLY	Outside Inside	RC Pump Cooling Water Supply	BYPASS/ TYPE C
24	Component Cooling	I-HCV-14-6 B'FLY I-HCV-14-2 B'FLY	Outside Inside	RC Pump Cooling Water Return	BYPASS/ TYPE C
25	Fuel Transfer Tube	Double Gasket Flange	Inside	Fuel Transfer	BYPASS/ TYPE C
26	CVCS	I-V-2516 Globe I-V-2522 Globe	Inside Outside	Letdown Line	BYPASS/ TYPE C

\*\* To become I-V-18-1270 Check upon completion of the modification described in L-84-266.

\*\*\* To be added upon completion of the modification described in L-84-266.

TABLE 3.6-1 (Continued)

CONTAINMENT LEAKAGE PATHS

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number/Type</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
28A	Sampling	ISE-05-1A,1B,1C,1D Globe ISE-05-1E Globe	Inside Outside	Safety/Injection. Tank Sample	BYPASS TYPE C
28B	Sampling	I-V-5200 Globe I-V-5203 Globe	Inside Outside	RCS Hot Leg Sample	BYPASS TYPE C
29A	Sampling	I-V-5204 Globe I-V-5201 Globe	Outside Inside	Pressure Surge Sample	BYPASS TYPE C
29B	Sampling	I-V-5205 Globe I-V-5202 Globe	Outside Inside	Pressure Steam Sample	BYPASS TYPE C
31	Waste Management	I-V-6718 Diaph I-V-6750 Diaph	Inside Outside	Containment Vent Header	BYPASS TYPE C
41	Safety Injection	I-SE-03-2A,2B Globe I-V-3463 Gate	Inside Outside	Safety Injection.Tank Fill/Drain and Sampling	BYPASS TYPE C
42	Waste Management	I-LCV-07-11A Globe I-LCV-07-11B Globe	Inside Outside	Reactor Cavity Sump Pump Discharge	BYPASS TYPE C
43	Waste Management	I-V-6341 Diaph I-V-6342 Diaph	Inside Outside	Reactor Drain Tank Pump Suction	BYPASS TYPE C
44	CVCS	I-V-2524 Globe I-V-2505 Globe	Inside Outside	Reactor Coolant Pump Controlled Bleedoff	BYPASS TYPE C
46	Fuel Pool	I-V-07-206 Gate I-V-07-189 Gate	Outside Inside	Fuel Pool Cleanup (inlet)	BYPASS TYPE C
47	Fuel Pool	I-V-07-170 Gate I-V-07-188 Gate	Outside Inside	Fuel Pool Cleanup (outlet)	BYPASS TYPE C

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TABLE 3.6-1 (Continued)

CONTAINMENT LEAKAGE PATHS

ST. LUCIE - UNIT 2

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Amendment No. 10

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number/Type</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
48A	Sampling	I-FSE-27-8,9,10-11 Globe I-FSE-27-15 Globe	Inside Outside	H <sub>2</sub> Sampling Outlet	TYPE C
48B	Sampling	I-V-27-101 Check I-FSE-27-16 Globe	Inside Outside	H <sub>2</sub> Sampling Inlet	TYPE C
51A	Sampling	I-FSE-27-12,13,14 Globe I-FSE-27-18 Globe	Inside Outside	H <sub>2</sub> Sampling Outlet	TYPE C
51B	Sampling	I-V-27-102 Check I-FSE-27-17 Globe	Inside Outside	H <sub>2</sub> Sampling Inlet	TYPE C
52A	Sampling	I-FCV-26-1 Globe I-FCV-26-2 Globe	Inside Outside	Containment Radiation Monitoring	BYPASS TYPE C
52B	Sampling	I-FCV-26-3 Globe I-FCV-26-4 Globe	Inside Outside	Containment Radiation Monitoring	BYPASS TYPE C
52C	Sampling	I-FCV-26-5 Globe I-FCV-26-6 Globe	Inside Outside	Containment Radiation Monitoring	BYPASS TYPE C
52D	ILRT	I-V-00-140 Globe I-V-00-143 Globe	Inside Outside	ILRT	BYPASS TYPE C
52E	ILRT	I-V-00-139 Globe I-V-00-144 Globe	Inside Outside	ILRT ILRT	BYPASS TYPE C
54	ILRT	I-V-00-101 Gate Blind Flange	Outside Inside	ILRT	BYPASS/ TYPE C
56	Containment H <sub>2</sub> Purge	I-FCV-25-26 B'FLY I-FCV-25-36 B'FLY	Outside Inside	Cont. Containment H <sub>2</sub> Purge Makeup Inlet	BYPASS/ TYPE C

TABLE 3.6-1 (Continued)

CONTAINMENT LEAKAGE PATHS

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number/Type</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
57	Containment H <sub>2</sub> Purge	I-V-FCV-25-20 B'FLY I-FCV-25-21 B'FLY	Inside Outside	Cont. Containment Purge - Exhaust	BYPASS/ TYPE C
67	Vacuum Relief	I-V-25-20 Check I-FCV-25-7 B'FLY	Inside Outside	Containment Vacuum Relief	TYPE C
68	Vacuum Relief	I-V-25-21 Check I-FCV-25-8 B'FLY	Inside Outside	Containment Vacuum Relief	TYPE C
Personnel Lock	NA	None	NA	Ingress and Egress To Containment	TYPE B
Escape Lock	NA	None	NA	Emergency Ingress and Egress to Containment	TYPE B
Maintenance Hatch	NA	None	NA	Vessel Maintenance	TYPE B
Electrical Penetrations	NA	All Primary Canisters except welded spares	NA		TYPE B
1	Main Steam Steel Containment Nozzle	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
4	Feedwater Steel Containment Nozzles	Tap 1 Tap 2	Outside Outside	Expansion Bellows	TYPE B
25	Fuel Tube Steel Containment Nozzles	Tap 1	Inside	Expansion Bellows	TYPE B.
50	Temporary Services	Blind Flange Blind Flange	Outside Inside	Construction/Outage Use	TYPE B

\*Type C and bypass tests are conducted in the same manner, the only difference is in the acceptance criteria that is applicable.

TABLE 3.6-2  
CONTAINMENT ISOLATION VALVES

<u>Valve Tag Number</u>	<u>Penetration Number</u>	<u>Function</u>	<u>Testable During Plant Operation</u>	<u>Maximum Isolation Time (Sec)</u>
A) Containment Isolation				
I-HCV-15-1	7	Primary Makeup Water (CIS)	Yes	5
I-HCV-18-1	9	Instrument Air Supply (CIS)	No	5
I-FCV-25-5,4	10	Containment Purge Exhaust (CIS)	No	3
I-FCV-25-2,3	11	Containment Purge Makeup (CIS)	No	3
V-6741	14	Nitrogen Supply to Safety Injection Tanks (CIS)	Yes	5
I-HCV-14-7 I-HCV-14-1	23	Reactor Coolant Pump Cooling Water Supply (SIAS)	No	5
I-HCV-14-6 I-HCV-14-2	24	Reactor Coolant Pump Cooling Water Return (SIAS)	No	5
I-HCV-2516 I-HCV-2522	26	Letdown Line (CIS)	No	5
I-SE-05-1A,1B, 1C,1D,1E	28A	Safety Injection Tank Sample	Yes	5
I-V-5200 I-V-5203	28B	Reactor Coolant System Hot Leg Sample (CIS)	Yes	5
I-V-5204 I-V-5201	29A	Pressurizer Surge Sample (CIS)	Yes	5
I-V-5205 I-V-5202	29B	Pressurizer Steam Sample (CIS)	Yes	5

TABLE 3.6-2 (Continued)

CONTAINMENT ISOLATION VALVES

<u>Valve Tag Number</u>	<u>Penetration Number</u>	<u>Function</u>	<u>Testable During Plant Operation</u>	<u>Maximum Isolation Time (Sec)</u>
I-V-6718 I-V-6750	31	Containment Vent Header (CIS)	Yes	5
I-SE-03-2A,2B	41	Safety Injection Tank Test Line (CIS/SIAS)	Yes	5
I-LCV-07-11A I-LCV-07-11B	42	Reactor Cavity Sump Pump Discharge (CIS/SIAS)	Yes	5
I-V-6341 I-V-6342	43	RCDT Pump Suction (CIS)	Yes	5
I-V-2524 I-V-2505	44	RCP Controlled Bleed-off (CIS)	No	5
I-FCV-26-1 I-FCV-26-2	52A	Containment Radiation Monitoring (CIS)	Yes	10
I-FCV-26-3 I-FCV-26-4	52B	Containment Radiation Monitoring (CIS)	Yes	10
I-FCV-26-5 I-FCV-26-6	52C	Containment Radiation Monitoring (CIS)	Yes	10
I-FCV-25-26 I-FCV-25-36	56	Cont. Containment/H <sub>2</sub> Purge Makeup Inlet (CIS)	Yes	3
I-FCV-25-20 I-FCV-25-21	57	Cont. Containment/H <sub>2</sub> Purge Exhaust (CIS)	Yes	3

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TABLE 3.6-2 (Continued)  
CONTAINMENT ISOLATION VALVES

<u>Valve Tag Number</u>	<u>Penetration Number</u>	<u>Function</u>	<u>Testable During Plant Operation</u>	<u>Maximum Isolation Time (Sec)</u>
B) Manual CR Remote Manual				
I-V-18-794* I-V-18-796** I-V-18-797	8	Station Air Supply (Manual)	Yes	NA
I-V-3463	41	Safety Injection Tank Test Line (Manual)	Yes	NA
I-V-07-206 I-V-07-189	46	Fuel Pool Cleanup (Inlet) (Manual)	Yes	NA
I-V-07-170 I-V-07-188	47	Fuel Pool Cleanup (Outlet) (Manual)	Yes	NA
I-FSE-27-8,9,10, 11,15,16	48	H <sub>2</sub> Sampling (Remote Manual)	Yes	NA
I-FSE-27-12,13,14, 17,18	51	H <sub>2</sub> Sampling (Remote Manual)	Yes	NA
I-V-00-140 I-V-00-143	52D	ILRT (Manual)	Yes	NA
I-V-00-139 I-V-00-144	52E	ILRT (Manual)	Yes	NA
I-V-00-101	54	ILRT (Manual)	Yes	NA

\* To become I-HCV-18-2 upon completion of the modification described in L-84-266.

\*\*To become I-V-18-1270 upon completion of the modification described in L-84-266.

## CONTAINMENT SYSTEMS

### 3/4.6.4 COMBUSTIBLE GAS CONTROL

#### HYDROGEN ANALYZERS

#### LIMITING CONDITION FOR OPERATION

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3.6.4.1 Two independent containment hydrogen analyzers shall be OPERABLE.

APPLICABILITY: MODES 1 and 2.

ACTION:

With one hydrogen analyzer inoperable, restore the inoperable analyzer to OPERABLE status within 30 days or be in at least HOT STANDBY within the next 6 hours.

#### SURVEILLANCE REQUIREMENTS

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4.6.4.1 Each hydrogen analyzer shall be demonstrated OPERABLE by the performance of a CHANNEL FUNCTIONAL TEST at least once per 31 days, and at least once per 92 days on a STAGGERED TEST BASIS by performing a CHANNEL CALIBRATION using sample gases containing:

- a. One volume percent hydrogen, balance nitrogen and oxygen.
- b. Four volume percent hydrogen, balance nitrogen and oxygen.