

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:7907090220      DOC.DATE: 79/07/02      NOTARIZED: NO      DOCKET #  
 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  
 REID,R.W.      Operating Reactors Branch 4

SUBJECT: Forwards revised pages correcting typographical errors in  
 780908 pump & valve test program.

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	17 ENGR BR	1	1	18 REAC SFTY BR	1	1
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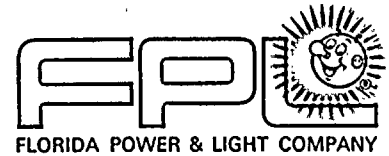
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July 2, 1979  
L-79-179

Office of Nuclear Reactor Regulation  
Attention: Mr. R. W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

**REGULATORY DOCKET FILE COPY**

Dear Mr. Reid:

Re: St. Lucie Unit 1  
Docket No. 50-335  
Pump & Valve Test Program

Seven revised pages to the St. Lucie Unit 1 Pump & Valve Test Program (September 8, 1978) are attached. These revised pages correct typographical errors or inadvertent errors of omission in the September 8, 1978 submittal.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/MAS/cph

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

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FLORIDA POWER & LIGHT COMPANY

VALVE NUMBER	SIZE	TYPE	ACTU.	CODE CL.	CODE CAT.	ACT/PAS.	NORM. POS.	FAIL-URE MODE	REM. POS. IND.	TEST PER	ISI TESTS	REMARKS
V3106	10	CHECK	S/A	2	C	A	NC	--	NO	3	EF-1	
V3107	10	CHECK	S/A	2	C	A	NC	--	NO	3	EF-1	
V3656	6	GATE	MO	2	E	P	LO	FAI	YES	1	OC-1	
V3654	6	GATE	MO	2	E	P	LO	FAI	YES	1	OC-1	
V3653	4	GATE	MO	2	E	P	LO	FAI	YES	1	OC-1	
V3655	4	GATE	MO	2	E	P	LC	FAI	YES	1	OC-1	
V3463	2	GATE	MAN	2	E	P	LC	FAI	NO	1 1	SLT-1 OC-1	
I-V07009	2	GATE	MAN	2	E	P	LC	FAI	NO	1 1	SLT-1 OC-1	
V3662	4	GATE	MO	2	B	A	NC	FAI	YES	3 3	EF-1 EST-*	* < 20 sec.
V3663	4	GATE	MO	2	B	A	NC	FAI	YES	3 3	EF-1 EST-*	* < 20 sec.
V3660	3	GATE	MO	2	B	P	LO	FAI	YES	2	EF-2 EST-*	* < 90 sec.
V3659	3	GATE	MO	2	B	P	LO	FAI	YES	2	EF-2 EST-*	* < 90 sec.
V3401	6	CHECK	S/A	2	C	A	NC	--	NO	3	EF-1	
V3410	6	CHECK	S/A	2	C	A	NC	--	NO	3	EF-1	

SYSTEM TITLE SAFETY INJECTION SYSTEM  
 CHART TITLE E-19367-210-130 Rev 12 (Sheet 1)

PROGRAM TITLE VALVE TEST PROGRAM

TABLE I  
TESTS TO CODE

FLORIDA POWER & LIGHT COMPANY

VALVE NUMBER	SIZE	TYPE	ACTU.	CODE CL.	CODE CAT.	ACT/PAS	NORM. POS.	FAIL-URE MODE	REM. POS. IND.	TEST PER.	ISI TESTS	REMARKS:		
												X	Y	Z
V2430	2	CHECK	S/A	2	C	A	NO.	--	NO	--	--	Item 10	Page 4 of	25
SE-02-01	2	GATE	SO	1	B	A	NO.	FO	YES	1	EF- 2 EST-3	Item 3	Page 2 of	25
SE-02-02	2	GATE	SO	1	B	A	NO	FO	YES	1	EF- 2 EST-3	Item 3	Page 2 of	25
V-2515	2	GLOBE	DO	1	A	A	NO.	FC	YES	1	EF- 2 EST-1 SLT-1	Item 4	Page 2 of	25
V-2516	2	GLOBE	DO	1	A	A	NO.	FC	YES.	1	EF- 2 SLT-1 EST-1	Item 4	Page 2 of	25

SYSTEM TITLE CHEMICAL & VOLUME CONTROL SYSTEM

PROGRAM TITLE VALVE TEST PROGRAM

CHART TITLE E-19367-210-120 Rev. 11

TABLE II  
EXCEPTIONS TO CODE



FLORIDA POWER & LIGHT COMPANY

VALVE NUMBER	SIZE	TYPE	ACTU.	CODE CL.	CODE CAT.	ACT/PAS	NORM. POS.	FAIL-URE MODE	REM. POS. IND.	TEST PER.	ISI TESTS	REMARKS:		
												X	Y	Z
V2190	3	CHECK	S/A	2	C	A	NC	--	NO	--	--	Item 9	Page 4 of	25
V2177	3	CHECK	S/A	2	C	A	NC	--	NO	--	--	Item 9	Page 4 of	25
V2504	3	GATE	MO	3	B	A	NC	FAI	YES	1	EF-6 EST-3	Item 7	Page 3 of	25
V2514	3	GATE	MO	2	B	A	NC	FAI	YES	1	EF-6 EST-3	Item 6	Page 3 of	25
V2174	1	GLOBE	MAN	2	B	A	NC	FAI	NO	1	EF-6	Item 6	Page 3 of	25
V2501	4	GATE	MO	2	B	A	NO	FAI	YES	1	EF-6 EST-3	Item 5	Page 3 of	25
V2191	3	CHECK	S/A	2	C	A	NC	--	NO	1	EF-2	Item 8	Page 4 of	25

SYSTEM TITLE CHEMICAL AND VOLUME CONTROL SYSTEM

PROGRAM TITLE VALVE TEST PROGRAM

CHART TITLE E-19367-210-121 Rev. 11

TABLE II  
EXCEPTIONS TO CODE

FLORIDA POWER & LIGHT COMPANY

VALVE NUMBER	SIZE	TYPE	ACTU.	CODE CL.	CODE CAT.	ACT/PAS	NORM. POS.	FAIL-URE MODE	REM. POS. IND.	TEST PER.	ISI TESTS	REMARKS:		
												X	Y	Z
V-3405	3	S/CHK	MAN	2	E-C	A	NC	--	NO	1	EF-2 OC-1	Item 1	Page 5 of	25
V-3414	3	S/CHK	MAN	2	E-C	A	NC	--	NO	1	EF-2 OC-1	Item 1	Page 5 of	25
V-3427	3	S/CHK	MAN	2	E-C	A	NC	--	NO	1	EF-2 OC-1	Item 1	Page 5 of	25

SYSTEM TITLE SAFETY INJECTION SYSTEM  
 CHART TITLE E-19367-210-130 Rev. 12

PROGRAM TITLE VALVE TEST PROGRAM

TABLE II  
 EXCEPTIONS TO CODE





FLORIDA POWER & LIGHT COMPANY

VALVE NUMBER	SIZE	TYPE	ACTU.	CODE CL.	CODE CAT.	ACT/PAS	NORM. POS.	FAIL-URE MODE	REM. POS. IND.	TEST PER.	ISI TESTS	REMARKS:		
												X	Y	Z
V3133	2	CHECK	S/A	1	C	A	NC	--	NO	1	EF-2	Item 8	Page 8 of	25
V3143	2	CHECK	S/A	1	C	A	NC	--	NO	1	EF-2	Item 8	Page 8 of	25
V3235	12	CHECK	S/A	2	C	A	NC	--	NO	1	EF-2	Item 9	Page 9 of	25
V3215	12	CHECK	S/A	2	C	A	NC	--	NO	1	EF-2	Item 9	Page 9 of	25
V3113	2	CHECK	S/A	1	C	A	NC	--	NO	1	EF-2	Item 8	Page 8 of	25
V3225	12	CHECK	S/A	2	C	A	NC	--	NO	1	EF-2	Item 9	Page 9 of	25
V3123	2	CHECK	S/A	1	C	A	NC	--	NO	1	EF-2	Item 8	Page 8 of	25
V3245	12	CHECK	S/A	2	C	A	NC	--	NO	1	EF-2	Item 9	Page 9 of	25

SYSTEM TITLE SAFETY INJECTION SYSTEM

PROGRAM TITLE VALVE TEST PROGRAM

TABLE II  
EXCEPTIONS TO CODE

CHART TITLE E-19367-210-131 Rev. 12

5. Deleted.

6. Valves: HCV-3618, HCV-3628, HCV-3638, HCV-3648  
Category: B  
Class: 1

Function: May be opened to bleed off leakage from the check valves in safety injection header adjacent to reactor coolant system to waste management system. Valves normally closed and close on SIAS.

Test Requirement: Exercise for operability quarterly.

Basis for Relief: Opening valve during normal operation could reduce contents of a Safety Injection Tank by drainage, thus placing the plant in an unsafe condition and violating Technical Specifications.

Alternate Testing: Exercise for operability and stroke time during cold shutdowns.



0-11-11

7. Valves: V3480, V3481, V3651, v3652  
Category: B-E  
Class: 1

Function: Isolate the shutdown cooling system (LPSI pumps suction) from the Reactor Coolant System. These valves are normally locked closed. However, opening these valves may be necessary following a postulated LOCA to perform the hot leg injection procedure.

Test Requirements: Exercise for operability quarterly and verify position following use.

Basis for Relief: Exercising (opening) these valves could cause a loss of reactor coolant, putting the plant in an unsafe condition.

Alternate Testing: These valves will be exercised for operability during cold shutdowns. Valve position will also be verified before and after use.

8. Valves: V3113, V3123, V3133, V3143  
Category: C  
Class: 1

Function: Prevent reverse flow in high pressure safety injection system. These valves are normally closed.

Test Requirement: Exercise for operability quarterly.

Basis for Relief: The design and arrangement of this system precludes testing of these valves during normal operation.

Alternate Testing: These valves will be exercised for operability during refueling outages.