

September 12, 2001

L-2001-190 10 CFR 50.55a 10 CFR 50.36

U. S. Nuclear Regulatory Commission

Attn: Document Control Desk Washington, DC 20555

Washington, DC 2000

Re:

St. Lucie Unit 1

Docket No. 50-335

In-Service-Inspection Program Third Interval First Period Owner's Activity Report

Enclosed is the St. Lucie Unit 1 Third Interval, First Period, ASME Section XI Form OAR-1, Owner's Activity Report. The first period ended on February 10, 2001. The Form OAR-1, Owner's Activity Report, implements Code Case N-532. This code case, approved by the NRC for St. Lucie Units 1 and 2 on November 6, 1995, provides an alternative to the requirements of ASME Section XI, Sections IWA-4910(d); IWA-6210(c), (d), and (e); IWA-6220(b), (c), and (d); and IWA-6240(b). The OAR-1 report is prepared and certified upon completion of each refueling outage and submitted following the end of each inspection period.

The enclosed Forms OAR-1 are for refueling outages SL1-15 and SL1-16.

Should there be any questions, please contact us.

Very truly yours,

Donald E. Jernigan Vice President St. Lucie Plant

DEJ/GRM

Enclosures

cc: Regional Administrator, Region II, USNRC

Senior Resident Inspector, USNRC, St. Lucie Plant

4047

Form OAR-1 Owner's Activity Report

Report Number:ISI-PSL-1-1999

Owner:

Florida Power and Light Company

P.O. Box 529100 Miami, Florida 33152

Plant:

St. Lucie Nuclear Power Plant Unit 1

6501 South Ocean Drive Jensen Beach, Florida 34957

Commercial Service Date: December 21, 1976

Refueling Outage No.: SL1-15

Current Inspection Interval: Third

Current Inspection Period: First

Edition and Addenda of Section XI applicable to the inspection plan: 1989, and for section IWE, 1992 Edition with addenda through 1992 (IWL not applicable to St. Lucie Unit 1).

Date and Revision of inspection plan: Jan 12, 1998 Rev.0

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the

inspection plan: Same

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owners Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No.: N/A

Expiration Date: N/A

Sup. Cole Thep Date 9/6/07 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Florida and employed by Factory Mutual Insurance Company of Johnston RI have inspected the items described in this Owner's Activity Report, during the period January 7 1998 to October 18, 1999, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations, and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

ector's Signature

Commissions NB 7245 FL 328

TABLE 1 (Post 1999 Outage) ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for the Interval	Total Examinations Credited for this period	Total Examinations Gredited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
B-A	27	0	0%	0%	
B-B	7	0	0%	0%	
B-D	36	2	6%	6%	
B-E	Covered under	site pressure tes	t program		The state of the s
B-F	30	7	23%	23%	
B-G-1	7	0	0%	0%	(1 of total items required only if disassembled)
B-G-2	22	3	14%	14%	
B-H	Code Case N-5	09 applies. Cate	egory B-H items	are included with C	ategory B-K
B-J	161	43	27%	27%	total count req. Reflects circ welds only
B-K	5	0	0%	0%	Code Case N-509 applied
B-L-1	2	0	0	0%	Code Case N-481 Applied
B-L-2	1	0	0	0%	Required only if Pump disassembled
B-M-1	There are no B	-M-1 valve body	welds		
B-M-2	4	1	25%	25%	1 of each group required when disassembled
B-N-1	27	8	30%	30%	Each item must be examined each period
B-N-2	20	0	0%	0%	
B-N-3	6	0	0%	0%	
B-O	3	0	0%	0%	
B-P	System pressu	he end of the int	erval, FPL will er	isure that 100% of	cedures. Quantification of the number of tests is not the systems have been tested.
B-Q	Steam Generat	or tubing is exar	nined in accorda		hnical Specifications. See the NIS-BB for details.
C-A	4	0	0%	0%	
C-B	5	0	0%	0%	

TABLE 1 (Post 1999 Outage) ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for the interval	Total Examinations Credited for this period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks		
C-C	4	1	25%	25%	Code Case N-509 Applied		
C-D	1	0	0%	0%			
C-F-1	69	8	12%	12%	total count req. Reflects circ welds only		
C-F-2	28	7	25%	25%	Less than 28 welds would be required if 7.5% criter is followed, FPL raised the total count to 28 per not 2, total count req. reflects circ. Welds only		
C-G	No category C-	-G items					
Ç-H	System pressu	re tests are perfe he end of the int	ormed in accorda erval, FPL will er	nce with plant produced in the	cedures. Quantification of the number of tests is not the systems have been tested.		
D-A	4	1	25%	25%	Code Case N-509 Applied		
D-A					cedures. Quantification of the number of tests is not		
D-B	System pressu	re tests are perio	ormed in accorda	nce with plant pro-	the systems have been tested.		
D-C	1				the state of the s		
IWE	The St. Lucie I	WE plan is not o	omplete. Result	s will be presented	in a future OAR-1 report.		
F-A,F1.10	57	21	34%	34%	Code Case N-491-1 Applied for all supports		
F-A,F1.20	54	7	13%	13%	Code Case N-491-1 Applied for all supports		
F-A,F1,30	54	18	33%	33%	Code Case N-491-1 Applied for all supports		
F-A,F1.40	8	4	50%	50%	Code Case N-491-1 Applied for all supports		
IWL	St. Lucie does not have a concrete containment. No examinations are required.						

St. Lucie Unit 1 Docket No. 50-335 L-2001-190 Enclosure 1 Page 4

TABLE 2 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	ltem Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
2	Repair: Replacement: X Corrective Measure:	V07231	Remove (CUT) valve at elbow connections for rework. Also remove and replace body to bonnet seal weld for internal access. Ref. CR 98-0181 & SPEC-M-045.	YES / NO: YES	2/10/98 interval 3 Period 1	SL-1-15- 001
2	Repair: Replacement: X Corrective Measure:	SI-676-9133	Replace broken tength adjustment threaded rod in pipe restraint SI-676-9133.	YES / NO:	10/7/99 Interval 3 Period 1	SL-1-15- 005
3	Repair: Replacement: X Corrective Measure:	DO-15 DO-10-H2 DO-10-H3 DO-10-H4 DO-10-H5	REPLACE CORRODED SECTION OF PIPE PER CRN 98012-7918 AND REPLACE U-BOLTS FOR PIPE HANGARS DO-10-H2 THROUGH H5.	YES / NO:	10/2/99 Interval 3 Period 1	SL-1-15- 007
3	Repair: Replacement: X Corrective Measure:	SJ-21-4A	REPLACE EXPANSION JOINT FLANGE BOLTING.	YES / NO: NO	10/6/98 Interval 3 Period 1	SL-1-15- 009
2	Repair: X Replacement: Corrective Measure:	V07232	Remove valve from system to faciliate disc replacement. Reinstall by welding. Replace seal weld Refer to PCM 99162	YES / NO: YES	12/14/98 Interval 3 Period 1	SL-1-15- 010
2	Repair: Replacement: X Corrective Measure:	V2324	REPLACE DISCHARGE RELIEF VALVE LEAKING AT BODY TO BONNET JOINT.	YES / NO: NO	12/16/99 Interval 3 Period 1	SL-1-15- 011

Code Class	Repair, Replacement or Corrective Measure	Item Description	De s cription of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
3	Repair:	BF-42	REPLACE PIPE DUE TO THROUGH-WALL LEAK AT ORIFICE SO-09-3 OUTLET PER CR 98-2127.	YES / NO:	1/3/99	SL-1-15- 012
	Corrective Measure:			NO	Interval 3 Period 1	
2	Repair:	V02133	Replace Anchor Darling valve with new Edward valve per CRN 98012-8130.	YES / NO:	3/26/99	SL-1-15- 015
	Corrective Measure:			NO	Interval 3 Period 1	
2	Repair:	V02134	Replace V02134 with an Edward valve per CRN 98012-8131.	YES / NO:	9/3/99	SL-1-15- 016
	Corrective Measure:			Ю	Interval 3 Period 1	
3	Repair:	ICW PP 1A	Replace ICW Pump 1A with spare pump. Installed original stuffing box in spare pump.	YES / NO:	11/10/99	SL-1-15- 020
	Corrective Measure:		in apare pump.	NO	Interval 3 Period 1	
3	Repair: Replacement: X	SJ-21-4A V21162	Replace spacer ring for SJ-21-4A and valve.	YES / NO:	5/11/99	SL-1-15- 021
	Corrective Measure:			Ю	Interval 3 Period 1	
3	Repair:	SO-09-4	Replace 1B AFW mini-flow recirculation crifice and piping per CR 98-2127.	YES / NO:	5/27/99	SL-1-15- 022 1
	Corrective Measure:			NO	interval 3 Period 1	

Code Class	Repair, Replacement or Corrective Measure	ltem Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
1	Repair: Replacement: X Corrective Measure:	V1200	Replace Nuts for bolted inlet connection, Relief Valve V1200	YES / NO:	10/10/99 Interval 3 Period 1	SL-1-15- 023
1	Repair: Replacement: X Corrective Measure:	V1201	Replace Nuts for bolted inlet connection, Relief Valve V1201	YES / NO:	10/6/99 Interval 3 Period 1	SL-1-15- 024
1	Repair: Replacement: X Corrective Measure:	V1202	Replace Nuts for bolted inlet connection, Relief Valve V1202	YES / NO:	10/8/99 Interval 3 Period 1	SL-1-15- 025
3	Repair: Replacement: X Corrective Measure:	SJ-21-4A	Replace expansion joint at ICW PP 1A discharge.	YES / NO:	11/10/99 Interval 3 Period 1	SL-1-15- 027
2	Repair: Replacement: X Corrective Measure:	V8213	Remove MainSteam Safety for testing and refurbishing. Replace nuts and bolts on reinstallation. FYP 1122	YES / NO:	10/8/99 Interval 3 Period 1	SL-1-15- 028
2	Repair: Replacement: X Corrective Measure:	V8211	Remove MainSteam Safety for testing and refurbishing. Replace nuts and bolts on reinstallation. FYP 1122	YES / NO:	10/8/99 Interval 3 Period 1	SL-1-15- 029

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
2	Repair: X Replacement: X Corrective Measure:	V8202	Remove MainSteam Safety for testing and refurbishing. Replace nuts and bolts on reinstallation. FYP 1122	YES / NO: NO	10/8/99 Interval 3 Period 1	SL-1-15- 030
3	Repair: X Replacement: X Corrective Measure:	SJ-21-4B 1B ICW PP	Replace 1B ICW PP Discharge Expansion Joint.	YES / NO:	6/29/99 Interval 3 Period 1	SL-1-15- 033
3	Repair: Replacement: X Corrective Measure:	CW-79	Replace half-coupling on 30-CW-79 for root valve SH21240 to PI-21-23B.	YES / NO:	10/5/99 Interval 3 Period 1	SL-1-15- 034
2	Repair: Replacement: X Corrective Measure:	V02132	Cut seal weld for internal inspection. Reweld seal weld.	YES / NO: NO	7/8/99 Interval 3 Period 1	SL-1-15- 036
2	Repair: Replacement: X Corrective Measure:	LCV-2110P	Disassemble, inspect, replace disc stack, stem, bonnet bolts, nuts if necessary.	YES / NO:	1/27/00 Interval 3 Period 1	SL-1-15- 038
3	Repair: Replacement: X Corrective Measure:	\$B21232	Replace ICW isolation valve SB-21232 (isolation for SS-21-1B).	YES / NO: NO	10/14/99 Interval 3 Period 1	SL-1-15- 039

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
3	Repair:	MV-14-1	Replaced valve flange bolting (Task 01) and valve (Task 1B).	YES / NO:	10/9/99	SL-1-15- 040
	Corrective Measure:			NO	interval 3 Period 1	
2	Repair: X	MV-08-13	Remove/Reweld Body-to-Bonnet seal weld for valve disassembly & inspection	YE\$ / NO:	10/9/99	SL-1-15- 041
	Corrective Measure:			NO	interval 3 Period 1	
2	Repair: X	MV-08-14	Remove/Reweld Body-to-Bonnet seal weld for valve disassembly & inspection	YES / NO:	10/8/99	SL-1-15- 042
	Corrective Measure:			NO	Interval 3 Period 1	-
3	Repair:	V21205	Replace valve, inlet / outlet bolting and install spacer ring.	YES / NO:	3/27/00	SL-1-15- 044
	Corrective Measure:			NO	Interval 3 Period 1	
3	Repair:	SS-21-1A	Replace half-coupling on strainer inlet.	YES / NO:	9/25/99	SL-1-15- 045
	Corrective Measure:			NO	Interval 3 Period 1	
2	Repair:	SI-676-78	Remove and replace support SI-676-78 for CS-3 pipe inspection.	YES / NO:	9/27/99	SL-1-15- 046
	Corrective Measure:			NO	interval 3 Period 1	

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
3	Repair: Replacement: X Corrective	TE-14-3A	Replace corroded thermowell and thermowell boss.	YES / NO:	9/25/99 Interval 3	SL-1-15- 047
	Measure:				Period 1	
3	Repair:	SB21232	REPLACE INLET AND OUTLET FLANGE BOLTING FOR MAINTENANCE CONVENIENCE.	YES / NO:	10/14/99	SL-1-15- 048
	Corrective Measure:			NO	Interval 3 Period 1	
2	Repair:	V8201	Main Steam Safety Valves - Remove, ship to Crosby for Inspection/Rebuild - FPL parts used for rebuild following	YES / NO:	10/8/99	SL-1-15- 050
	Corrective Measure:		inspection.	МО	Interval 3 Period 1	
2	Repair:	V07194 V07195	Replace valves and piping due to radioactive debris trapped in system per CRN 98012-8588.	YES / NO:	9/22/99	SL-1-15- 051
	Corrective Measure:	I-3-CS-51		МО	Interval 3 Period 1	
2	Repair:	V07258	Replace existing Borg-Warner check valve with Edwards check valve per CRN 98012-8359.	YES / NO:	9/26/99	SL-1-15- 052
	Corrective Measure:		5.00.505.2 4005.	NO	Interval 3 Period 1	
2	Repair:	V07256	Replace existing Borg-Warner check valve with Edwards check valve per CRN 98012-8360.	YES / NO:	9/29/99	SL-1-15- 053
	Corrective Measure:			NO	interval 3 Period 1	

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
3	Repair:	V09123	Replace Valve V09123 due to leakage. R/R support BF-2-9.	YES / NO:	10/2/99	SL-1-15- 054
	Corrective Measure:			NO .	Interval 3 Period 1	
2	Repair:	SI-676-1984	Rebuild support SI-676-1984 per CRN 98012-8687, removed for CS-2 inspection.	YES / NO:	10/5/99	SL-1-15- 055
	Corrective Measure:			МО	interval 3 Period 1	
2 & 3	Repair:	Various - See Remarks	Modify AFW restraints for AFW piping upgrade per PCM 98088.	YES / NO:	10/8/99	SL-1-15- 056
	Replacement: X Corrective Measure:			NO	Interval 3 Period 1	
1	Repair:	PRESSURIZER RC-109	Replace four Pressurizer steam space instrument nozzles (Task 01) and replace a portion of RC-109,	YES / NO:	10/9/99	SL-1-15- 057
	Corrective Measure:		Pressurizer spray line from RC loop 1B1 (Task 03).	МО	Interval 3 Period 1	
3	Repair:	CW-68 CW-13-1	Replace degraded concrete-lined bofted pipe spool (Task 01) and	YES / NO:	10/5/99	SL-1-15- 058
	Corrective Measure:		rebuild support (Task 1A).	NO	Interval 3 Period 1	
1	Repair: X	SE-02-1	Remove/Replace seal weld on Task 02. Replace valve internals on Task	YES / NO:	10/12/99	SL-1-15- 059
	Replacement: X Corrective Measure:		04.	NO	Interval 3 Period 1	

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
1	Repair: Replacement: X Corrective Measure:	V3217	Replace hinge pin cover bolting.	YES / NO:	10/6/99 Interval 3 Period 1	SL-1-15- 061
1	Repair: Replacement: X Corrective Measure:	V1 4 04	Replace inlet nuts and pilot disc spring.	YES / NO:	10/6/99 Interval 3 Period 1	SL-1-15- 062
1	Repair: Replacement: X Corrective Measure:	SI-970-1210	Remove restraint/snubber for implementation of PCM 99018. Replace on completion of mods.	YES / NO: NO	10/2/99 Interval 3 Period 1	SL-1-15- 063
3	Repair: Replacement: X Corrective Measure:	V09304	Replace 2" valve and adjacent pipe segments due to degraded valve internals.	YES / NO:	10/4/99 Interval 3 Period 1	SL-1-15- 065
3	Repair: Replacement: X Corrective Measure:	YPH-176	REPLACE SPRING CAN ON HANGER YPH-176 PER CR 99-1755.	YES / NO: YES	10/13/99 Interval 3 Period 1	SL-1-15- 066
3	Repair: Replacement: X Corrective Measure:	CC-32 YPH-180	REPLACE SPRING CAN ON HANGER YPH-180 PER CR 99-1755.	YES / NO: NO	10/6/99 Interval 3 Period 1	SL-1-15- 067

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
1	Repair: Replacement: X Corrective Measure:	V1402	Replace one inlet nut, main disc spring and pilot disc spring.	YES / NO:	10/6/99 Interval 3 Period 1	SL-1-15- 068
3	Repair: Replacement: X Corrective Measure:	V09305	Replace 2" valve and adjacent pipe segments due to degraded valve internals per CR 99-1745.	YES / NO:	10/4/99 Interval 3 Period 1	SL-1-15- 069
2	Repair: X Replacement: X Corrective Measure:	1-072	Replace failed snubber Mark#1-072 on restraint Si-972-1243.	YES / NO: YES	10/7/99 Interval 3 Period 1	SL-1-15- 070
2	Repair: Replacement: X Corrective Measure:	1-068	Replace failed snubber Mark#1-068 on restraint SI-971-6.	YES / NO: YES	10/7/99 Interval 3 Period 1	SL-1-15- 071
2	Repair: Replacement: X Corrective Measure:	V18195	REPLACE DISC ASSEMBLY.	YES / NO:	10/4/99 Interval 3 Period 1	SL-1-15- 072
3	Repair: Replacement: X Corrective Measure:	CC-19-3	Modify support per CRN 98012-8675.	YES / NO: NO	10/19/99 Interval 3 Period 1	SL-1-15- 074

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
2	Repair: X Replacement: Corrective Measure: X	MS-32-FW-1	Repair rejectable linear indications identified during ISI surface exam.	YES / NO: YES	10/9/99 Interval 3 Period 1	SL-1-15- 075

	- 01040 / A / I / D
	Form OAR-1 Owner's Activity Report
Report N	lumber:ISI-PSL-1-2001
Owner:	Florida Power and Light Company P.O. Box 529100 Miami, Florida 33152
Plant:	St. Lucie Nuclear Power Plant Unit 1 6501 South Ocean Drive Jensen Beach, Florida 34957
Comme	cial Service Date: December 21, 1976 Refueling Outage No.: SL1-16
Current	Inspection Interval: Third Current Inspection Period: First
Edition : 1992 Ed	and Addenda of Section XI applicable to the inspection plan: 1989, and for section IWE, dition with addenda through 1992 (IWL not applicable to St. Lucie Unit 1).
Date an	d Revision of inspection plan: November 3, 1999 Rev.1
	and Addenda of Section XI applicable to repairs and replacements, if different than the on plan: Same
I certify that	on plan: Same CERTIFICATE OF CONFORMANCE
I certify that repairs, replairs requirements	CERTIFICATE OF CONFORMANCE the statements made in this Owners Activity Report are correct, and that the examinations, test accements, evaluations, and corrective measures represented by this report conform to the
I certify that repairs, replairs requirements	CERTIFICATE OF CONFORMANCE the statements made in this Owners Activity Report are correct, and that the examinations, tesucements, evaluations, and corrective measures represented by this report conform to the sof Section XI.
I certify that repairs, replication requirements.	CERTIFICATE OF CONFORMANCE the statements made in this Owners Activity Report are correct, and that the examinations, test accements, evaluations, and corrective measures represented by this report conform to the statements of Section XI. f Authorization No.: N/A Expiration Date: N/A Company Control of C
I certify that repairs, replication requirements. Certificate of Signed	CERTIFICATE OF CONFORMANCE the statements made in this Owners Activity Report are correct, and that the examinations, test accements, evaluations, and corrective measures represented by this report conform to the statements of Section XI. f Authorization No.: N/A Expiration Date: N/A

TABLE 1 (Post 2001 Outage) ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for the interval	Total Examinations Credited for this period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
B-A	27	1	4%	4%	
B-B	7	2	29%	29%	
B-D	36	8	22%	22%	
B-E	Covered under	site pressure tes	t program	·	
B-F	30	7	23%	23%	
B-G-1	7	0	0%	0%	(1 of total items required only if disassembled), RR# 10 and RR#18 apply
B-G-2	22	5	23%	23%	
B-H	Code Case N-5	09 applies. Cat	egory B-H items	are included with C	Category B-K
B-J	161	46	29%	29%	total count reg. Reflects circ welds only
в-к	5	0	0%	0%	Code Case N-509 applied, RR#8 allows code % deviation
B-L-1	2	0	0	0%	Code Case N-481 Applied
B-L-2	1	0	0	0%	Required only if Pump disassembled
B-M-1	There are no B	-M-1 valve body	welds		
B-M-2	4	1	25%	25%	1 of each group required when disassembled
B-N-1	27	9	33%	33%	Each item must be examined each period
B-N-2	20	0	0%	0%	
B-N-3	6	0	0%	0%	
B-O	3	0	0%	0%	
B-P	practical At t	he end of the int	erval. FPL will er	nsure that 100% of	cedures. Quantification of the number of tests is not the systems have been tested.
B-Q	Steam General	or tubing is exa	nined in accorda	nce with Plant Tecl	hnical Specifications. See the NIS-BB for details.
C-A	4	0	0%	0%	RR#8 allows code % deviation

TABLE 1 (Post 2001 Outage) ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for the Interval	Total Examinations Credited for this period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Data for the Interval	Rémarks
C-B	5	2	40%	40%	RR#8 allows code % deviation
C-C	4	i	25%	25%	Code Case N-509 Applied
C-D	1	0	0%	0%	
C-F-1	69	14	20%	20%	total count req. Reflects circ welds only
C-F-2	28	9	32%	32%	Less than 28 welds would be required if 7.5% criteria is followed, FPL raised the total count to 28 per note 2, total count req. reflects circ. Welds only
C-G	No category C-	-G Items			
С-Н	System pressur	re tests are perfe he end of the int	ormed in accorda erval, FPL will er	nce with plant processure that 100% of	cedures. Quantification of the number of tests is not the systems have been tested.
D-A	4	1	25%	25%	Code Case N-509 Applied
D-A				with plant pro-	andurar Oughtification of the number of tests is not
D-B	System pressu	re tests are period	ormed in accorda	nce with plant processing that 100% of	cedures. Quantification of the number of tests is not the systems have been tested.
D-C	practical. At t	ne end or the an			
(IWE) E-A	4	1	100%	25%	100% General Exam required each period
(IWE) E-D	10	3	100%	34%	Includes exam of 1/3 of moisture barrier
(IWE) E-G	7	2	100%	29%	
F-A,F1.10	57	21	34%	34%	Code Case N-491-1 Applied for all supports
F-A,F1.20	54	18	33%	33%	Code Case N-491-1 Applied for all supports
F-A,F1.30	54	18	33%	33%	Code Case N-491-1 Applied for all supports
F-A,F1.40	8	4	50%	50%	Code Case N-491-1 Applied for all supports, RR#8 allows code % deviation
IWL	St. Lucie does	not have a cond	rete containment	t. No examinations	are required.

St. Lucie Unit 1 Docket No. 50-335 L-2001-190 Enclosure 2 Page 4

TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterizatio n (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)

There were no flaws or relevant conditions that required evaluation for continued service.

7

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?		Date Complete	Repair/ Replacement Plan Number
3	Repair:	V09107	Replace Disc and plugs	YES / NO:	No	2/23/00	SL-1-16- 001
	Replacement: X					Interval 3	
	Corrective Measure:					Period 1	
3	Repair:	ICW PP 1A	Replace pump	YES / NO:	No	2/28/01	SL-1-16- 002
	Replacement: X					interval 3	ļ.
	Corrective Measure:					Period 1	
			Replace Expansion Joint for 1C ICW			3/27/00	SL-1-16- 003
3	Repair:	SJ-21-4C	Pump Discharge	YES / NO:	No	3/2//00	02-11-10- 000
	Replacement: X					interval 3	
	Corrective Measure:					Period 1	
3	Repair:	ICW PP 1C	Replace Upper Column Flange Bolting	YES / NO:	No	3/22/00	SL-1-16- 004
	Replacement: X						
	Corrective					Interval 3	
	Measure:				,	Period 1	
3	Repair:	ICW PP 1B	Replace pump	YES / NO:	No	4/5/00	SL-1-16- 006
	Replacement: X					interval 3	
	Corrective Measure:					Period 1	
	<u> </u>	laurocco	Barlago ugiya			3/16/01	SL-1-16- 008
3	Repair:	SH59093	Replace valve	YES / NO:	No	3/10/01	
	Replacement: X					Interval 3	
	Corrective Measure:					Period 1	

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
3	Repair: X Replacement: X Corrective Measure:	SR-21-1A	Replace Valve, install replacement disc in valve Valve rebuilt, MRM'd, NOT installed in plant	YES / NO: No	8/10/00 Interval 3 Period 1	SL-1-16- 009
3	Repair: X Replacement: X Corrective Measure:	V21402	Replace valve internals	YES / NO: No	8/2/00 Interval 3 Period 1	SL-1-16- 010
3	Replacement: X Corrective Measure:	V2354	Rebuild Crosby S/R valve for V2354, S/N N55260-00-0002	YES / NO: No	8/1/00 Interval 3 Period 1	SL-1-16- 011
2	Replacement: X Corrective Measure:	CH-103	Replace Flange Bolting	YES / NO: No	6/6/00 Interval 3 Period 1	SL-1-16- 012
2	Repair: Repiacement: X Corrective Measure:	I-2-CS-96	Replace NaOH Tank vacuum breaker valves V07231 and V07232 with loop seal per PCM.	YES/NO: No	10/6/00 Interval 3 Period 1	SL-1-16- 014
3	Repair: Replacement: X Corrective Measure:	SH59094	Replace Air Start System isolation valve, EDG 1A1 OWNER OPTIONAL UPGRADE	YES / NO: No	3/16/01 Interval 3 Period 1	SL-1-16- 018

Code Class	Repair, Replacement or Corrective Measure	ltem Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
2	Repair: Replacement: X	V09120	Replace Wedge to repair seat leakage	YES/NO: No	4/17/01 Interval 3	SL-1-16- 019
	Measure:				Period 1	
3	Repair:	DO-14	Replace 1B Diesel Fuel Oil Transfer Line from DFOT to 1B EDG. Preventive replacement of	YES / NO: No	4/16/01	SL-1-16- 020
	Corrective Measure:		underground portion of line to preclude leakage due to corrosion.		Interval 3	
	111003010.			<u> </u>	Period 1	
1	Repair:	V1202	Remove/Replace Code Safety V1202 with rebuilt valve. Replace inlet bolting.	YES / NO: No	4/25/01	SL-1-16- 024
	Corrective Measure:				Interval 3 Period 1	
1	Repair:	V2519	Eliminate Body-to-Bonnet leak, Replace bolting	YES / NO: No	4/21/01	SL-1-16- 028
	Corrective				interval 3	
	Measure:				Period 1	
1	Repair:	SE-02-1	Replace valve internals, Seal Weld body/bonnet joint	YES / NO: No	4/19/01	SL-1-16- 029
	Replacement: X				interval 3	
	Measure:				Period 1	
3	Repair:	SB21237	Replace valve due to leakage by the seat. Replace with refurbished valve from Stores.	YES / NO: No	4/16/01	SL-1-16- 030
	Replacement: X		nom stores.		Interval 3	
	Measure:				Period 1	

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevan Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repai <i>rl</i> Replacement Plan Number
2	Repair:	MV-09-7 MV-09-8	Replace valve restraint due to new valve operator	YES / NO: N	4/22/01	SL-1-16- 033
	Corrective				interval 3	
	Measure:				Period 1	
2	Repair:	V8204	Remove, test, rebuild valve as necessary. Replace inlet bolting and nuts.	YES / NO: N	0 4/25/01	SL-1-16- 034
	Replacement: X	Ì	nas.		Interval 3	
	Corrective Measure:			[Period 1	
2	Repair:	V8205	Remove, test, rebuild valve as necessary. Replace inlet bolting and nuts.	YES / NO: N	o 4/25/01	SL-1-16- 035
-	Replacement: X		nuis.		interval 3	
i	Measure:				Period 1	
2	Repair: Replacement: X	V8207	Remove, test, rebuild valve as necessary. Replace inlet bolting and nuts.	YES / NO: N	o 4/25/01	SL-1-16- 036
	Corrective —		Tiuto.		interval 3	
	Measure:				Period 1	
2	Repair: Replacement: X	V8208	Remove, test, rebuild valve as necessary. Replace inlet bolting and nuts.	YES / NO: N	o 4/25/01	SL-1-16- 037
	Corrective				Interval 3	
1	Measure:				Period 1	
2	Repair:	V8216	Remove, test, rebuild valve as necessary. Replace inlet bolting and nuts.	YES / NO: N	do 4/25/01	SL-1-16- 038
	Replacement: X		nuis.		Interval 3	
İ	Measure:				Period 1	

Code Class	Repair, Replacement or Corrective Measure	item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?		Repair/ Replacement Plan Number
3	Repair:	HCV-14-10	Replace valve HCV-14-10	YES / NO: No	5/8/01	SL-1-16- 039
	Replacement: X			ļ		
	Corrective Measure:				Interval 3	
Ĺ	Measure:				Period 1	
3	Replacement: X	TCV-14-4B	Replace valve TCV-14-4B with rebuilt valve.	YES / NO: No	4/16/01	SL-1-16- 041
	Corrective				Interval 3	
	Measure:				Period 1]
3	Repair:	V09304	Replace valve V09304 with Edwards Valve	YES / NO: No	4/20/01	SL-1-16- 042
	Replacement: X				Interval 3	
	Corrective Measure:	ĺ			Period 1	
			Replace valve V09305 with Edwards	<u> </u>		la. 4 40 040
3	Repair:	V09305	Valve	YES / NO: No	4/18/01	SL-1-16- 043
	Replacement: X				1	
	Corrective Measure:				Interval 3 Period 1	
	mousure.					
3	Repair:	CCW HX 1B	Replace Channel Head Bolting	YES / NO: No	4/10/01	SL-1-16- 045
	Replacement: X			İ	-	
	Corrective Measure:				Interval 3	
	Measure:				Period 1	
3	Repair:	CCW HX 1B	Pull and Replace damaged and degraded tubes.	YES / NO: No	4/14/01	SL-1-16- 047
	Replacement:X	1				
	Corrective				Interval 3	
	Measure:			<u> </u>	Period 2	

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
3	Repair:	SO-09-3	Replace restriction orifice for AFW PP 1A recirc to CST. Replacement required by internal erosion	YES / NO: No	4/20/01	SL-1-16- 050
	Corrective				Interval 3	
	Measure:				Period 1	
2	Replacement: X	HCV-08-1A	Replace Valve Body to Bonnet bolting	YES / NO: No	4/17/01	SL-1-16- 051
	Corrective				Interval 3	
	Measure:				Period 1	
2	Repair:	RC-2-3333 V2515	Modify anchor support per CRN	YES / NO: No	4/22/01	SL-1-16- 052
	Corrective				Interval 3	
	Measure:	1			Period 1	
1	Repair:	V1404	PORV Replace Main Disc	YES / NO: No	4/23/01	SL-1-16- 054
					Interval 3	
	Corrective Measure:				Period 1	
1	Repair:	V1402	PORV Replace Main Disc	YES / NO: No	A/23/04	SL-1-16- 055
	Replacement: X		·		interval 3	
	Corrective Measure:				Period 1	
					+	SL-1-16- 056
1	Repair:	PCV-1100F	Replace Stem Assembly, including disc	YES / NO: No	4/19/01	SL-1-16- V36
	Replacement: X				futament 5	
	Corrective				interval 3 Period 1	
		<u></u>		<u> </u>	Period 1	<u> </u>

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Rele Condition For During Scheduled Exam or Tes	und ISI	Date Complete	Repair/ Replacement Plan Number
2	Repair:	V03947, V03948 SI-420	Install two new vent lines in SDC suction line SI-420	YES / NO:	No	4/19/01	SL-1-16- 057
	Replacement: X		·			interval 3	
	Corrective Measure:					Period 1	
3	Repair:	LTDN HT EXCH	Replace Bolting on Letdown Heat Exchanger	YES / NO:	No	4/17/01	SL-1-16- 058
	·					Interval 3	
	Corrective Measure:					Period 1	
2	Repair:	V3483	Replace RV Spring to increase setting per PCM	YES / NO:	No	4/19/01	SL-1-16- 060
	Replacement: X]				interval 3	
	Corrective Measure:					Period 1	
1,2,3	Repair:	SNUBBERS as listed on pg.2	Replacement of degraded safety related snubbers	YES / NO:	Yes	4/24/01	SL-1-16- 061
	Replacement: X					Interval 3	
	Corrective Measure:					Period 1	
2	Repair:	V08148	Replace Body to Bonnet Bolting	YES / NO:	No	4/22/01	SL-1-16- 062
	Replacement: X		·			1.4	
	Corrective Measure:					Interval 3	
	moasule.					Period ¹	
2	Repair:	V2340	Replace gate valve wedge	YES / NO:	No	4/20/01	SL-1-16- 063
	Replacement: X					141 =	
	Corrective					interval 3	
	measura:					Period 1	<u> </u>

Code Class	Repair, Replacement or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled ISI Exam or Test ?	Date Complete	Repair/ Replacement Plan Number
2	Repair: Replacement: X Corrective Measure:	V18193	Replace Check Valve Disc	YES / NO: No	4/23/01 Interval 3 Period 1	SL-1-16- 065