



July 22, 2015

L-2015-204
10 CFR 50.36
10 CFR 50.55a

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Re: St. Lucie Unit 1
Docket No. 50-335
In-Service Inspection Program
ISI Fourth Interval - Third Period - SL1-26
Owner's Activity Report (OAR-1)

Enclosed is the St. Lucie Unit 1, SL1-26 outage, Owner's Activity Report, Form OAR-1. Form OAR-1 implements Code Case N-532-4. The OAR-1 report is prepared, certified, and submitted upon completion of each refueling outage. The SL1-26 refueling outage ended on April 24, 2015.

Please contact Ken Frehafer at 772-467-7748 if there are any questions about this submittal.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric S. Katzman for ESK', is written over a horizontal line.

Eric S. Katzman
Licensing Manager
St. Lucie Plant

Attachment

ESK/KWF

cc: NRC Region II Administrator
NRC Site Resident Inspector

A047
NRR

Report Number: ISI-PSL-1-2015

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.: SL1-26

Current Inspection Interval: Fourth Current Inspection Period: Third

Edition and Addenda of Section XI applicable to the inspection plan: 2001 Edition with Addenda through 2003.

Date and Revision of inspection plan: March 19, 2015, Rev. 3

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan: Same

Code Cases Used: N-460, N-508-4, N-532-5, N-566-2, N-624, N-658, N-661-1, N-666-1, N-700, N-722-1, N-729-1, N-753, N-770-1

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of SL1-26 conform to the requirements of Section XI.

Signed [Signature] Date 7/22/15
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 Georgia and employed by HSBCT of Hartford Connecticut have inspected the items described in this Owner's Activity Report, 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 repair/replacement activities and evaluation 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.

[Signature] Commissions NB 14992 A.N.I GA983
Inspector's Signature National Board, State, Province, and Endorsements
Date 7-22-2015

TABLE 1
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
None	None	None

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	V2324	REPLACE VALVE DISC AND SPINDLE	2/6/2014	SL1-10108
2	V2158	REPLACED VALVE, ELBOW AND PIPE SECTION	2/6/2014	SL1-11050
3	V14151	REPLACEMENT OF FASTENERS IN CHECK VALVE COVER STUDS / NUTS.	2/6/2014	SL1-12030
2	V2326	RELIEF VALVE V2326. REPLACE DISC AND NOZZLE.	2/6/2014	SL1-12050
3	V21205	REPLACE THE CHECK VALVE, FLANGE BOLTING AND EXPANSION JOINT.	2/6/2014	SL1-12053
3	V2345	REBUILD RELIEF VALVE	6/2/2015	SL1-13012
3	V2345	REPLACE RELIEF VALVE BOLTING	5/22/2015	SL1-13012
1	SE-02-1	REPLACE VALVES AND ADJACENT PIPING BY WELDING	7/20/2015	SL1-13038
1	RCP 1A1	REPLACE RCP SEAL ASSEMBLY	7/16/2015	SL1-13079
3	CW-10	PERFORMED THROUGH WALL REPAIR BY WELDING.	2/6/2014	SL1-13091
3	V21208	REPLACE VALVE TO EXPANSION JOINT FLANGE BOLTING.	2/6/2014	SL1-13092
3	ICW PP 1B	REPLACE PUMP WITH SPARE PUMP ASSEMBLY AND NEW FLANGE FASTENERS.	7/20/2015	SL1-13092

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	SB21165	REPLACEMENT OF FLANGE FASTENERS DUE TO CORROSION.	7/20/2015	SL1-13098
3	ICW PP 1A	INSTALL SPARE PUMP ASSEMBLY WITH NEW COLUMN FASTENERS.	5/6/2015	SL1-13099
2	V2324	REPLACED RELIEF VALVE NOZZLE DISC AND SPINDLE FOR SPARE VALVE REMOVED FROM V2324.	6/2/2015	SL1-13117
1	RCP 1A2	REPLACEMENT OF THE MECHANICAL SEAL FLANGE WITH SPARE REMOVED FROM RCP 1A1.	2/6/2014	SL1-13123
2	MV-08-13	INSTALLED BODY TO BONNET SEAL WELD.	2/6/2014	SL1-13124
2	V02133	REPLACEMENT OF CHECK VALVE AND ADJACENT PIPING BY WELDING. 2" SOCKET WELD CONNECTIONS.	2/20/2014	SL1-14001
3	HCV-25-6	REPLACEMENT OF VALVE DISC	7/14/2014	SL1-14032
1	RCP 1A2	INSTALL NEW RCP SEAL	5/22/2015	SL1-14033
1	RCP 1A2	REPLACED PUMP COVER AND PUMP COVER FASTENERS.	6/2/2015	SL1-14034
1	CH-147	REPLACE PIPE BY WELDING.	7/11/2015	SL1-14035
2	CH-A73	REMOVE CH-A73 AND MOVE CH-A65 TO CH-124 BY WELDING.	7/22/2015	SL1-14036
3	SB21206	REPAIR THROUGH WALL LEAK BY WELD BUILDUP.	7/16/2015	SL1-14037

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	SB21206	CW-10 INTERNAL PIPE REPAIR BY WELDING; REPLACE CHECK VALVE BOLTING.	7/8/2015	SL1-14037
3	CW-10	Weld build up at two degraded locations internal to pipe. Perform weld repair per SPEC-M-023.	7/8/2015	SL1-14037
3	V09951	Install FLEX connection assembly by welding.	7/1/2015	SL1-14039
3	V09952	Install FLEX connection assembly by welding.	7/20/2015	SL1-14039
3	V12174	Install FLEX Connection assembly by welding. Replace check valve bonnet fasteners.	7/17/2015	SL1-14040
3	V121080	Prefabricate FLEX connection assembly by welding.	7/8/2015	SL1-14040
3	V121079	FABRICATE FLEX CONNECTION ASSEMBLY BY WELDING	7/8/2015	SL1-14040
2	V03994	INSTALL FLEX CONNECTION ASSEMBLY BY WELDING.	7/20/2015	SL1-14041
2	V03995	INSTALL FLEX CONNECTION ASSEMBLY BY BOLTED CONNECTION PER EC 279190	7/17/2015	SL1-14041
2	V03995	PREFABRICATE FLEX CONNECTION ASSEMBLY BY WELDING	7/20/2015	SL1-14041
2	V03992	PREFABRICATE FLEX CONNECTION ASSEMBLY BY WELDING.	7/20/2015	SL1-14041
2	V03993	PREFABRICATE FLEX CONNECTION ASSEMBLY BY WELDING	7/20/2015	SL1-14041

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	V03993	INSTALL FLEX CONNECTION ASSEMBLY BY WELDING.	7/17/2015	SL1-14041
2	V03994	PREFABRICATE FLEX CONNECTION ASSEMBLY BY WELDING.	7/17/2015	SL1-14041
2	V03992	INSTALL FLEX CONNECTION ASSEMBLY BY WELDING	7/15/2015	SL1-14041
3	V04115	INSTALL REPLACEMENT SPOOL PIECE BY BOLTED CONNECTION.	7/7/2015	SL1-14042
3	V04115	PREFABRICATE REPLACEMENT SPOOL PIECE TO INCLUDE NEW FLEX CONNECTION ASSEMBLY BY WELDING	7/20/2015	SL1-14042
MC	FUEL TRANSFER FLANGE	REPLACE FUEL TRANSFER TUBE FLANGE PER EC 275891	5/6/2015	SL1-14043
2	V8208	REPLACE RELIEF VALVE FLANGE FASTENERS	5/21/2015	SL1-14044
2	V8216	REPLACE RELIEF VALVE FLANGE FASTENERS	5/21/2015	SL1-14045
2	111	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-14050
2	V8207	REPLACE V8207 FLANGE FASTENERS	5/21/2015	SL1-14051
1	V1402	REPLACE PORV MAIN DISC	7/15/2015	SL1-14053
3	SS-21-1A	REPLACE STRAINER FASTENERS	6/2/2015	SL1-14055

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	V1202	REPLACE FLANGE NUT FOR PRESSURIZER SAFETY VALVE	7/21/2015	SL1-14058
3	CCW HX 1A	REPLACE END-BELL BOLTING ON 1A CCW HEAT EXCHANGER	7/1/2015	SL1-14061
1	CH-146	REPLACE PIPE ASSEMBLY BY WELDING; REPLACE PART OF PIPE SUPPORT.	7/6/2015	SL1-14063
1	CH-148	REPLACED PIPE AND ELBOW BY WELDING	7/20/2015	SL1-14064
2	V07301	Prefabricate RWT manway cover to include FLEX Connection assembly by welding.	7/20/2015	SL1-14065
2	V07301	Install replacement manway cover which includes new FLEX Connection assembly.	7/16/2015	SL1-14065
2	V07106	REPLACE VALVE BY WELDING	7/16/2015	SL1-14065
2	CH-A74	Remove CH-A74 and relocate CH-A68 on CH-104 by welding.	7/20/2015	SL1-14066
2	CH-A72	Remove CH-A72 and relocate line CH-A62 on CH-137 by welding.	7/6/2015	SL1-14067
3	CW-197	Replace cracked weld.	7/7/2015	SL1-14071
2	V02134	REPLACED CHECK VALVE DISC	5/6/2015	SL1-14072
3	CW-77	Replaced fastener nuts for elbow spool piece.	6/2/2015	SL1-14073

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	V21162	REPLACED VALVE AND FASTENERS	5/21/2015	SL1-14074
2	V02133	REPLACE VALVE DISC	5/6/2015	SL1-14075
2	V02132	REPLACED VALVE DISC	5/21/2015	SL1-14076
1	SE-02-2	REPLACED VALVE DISC AND INTERNALS	6/2/2015	SL1-15003
2	CH-121	REPLACE WELD UPSTREAM OF RELIEF VALVE FLANGE.	7/7/2015	SL1-15005
2	V2324	REPLACE RELIEF VALVE SPINDLE IN SPARE VALVE	5/6/2015	SL1-15006
1	27	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA MODEL 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15009
1	53	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15010
1	54	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15011
1	55	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15012
1	56	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15013
1	59	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15014

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	61	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15015
1	60	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15016
2	67	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15017
1	71	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15018
2	76	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15019
2	79	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15020
2	80	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15021
2	86	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15022
2	87	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15023
1	90	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15024
1	91	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15025
2	96	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC283065.	4/13/2015	SL1-15026

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	97	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15027
2	110	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15028
2	202	REPLACEMENT OF PSA-3 MECHANICAL SNUBBER WITH LISEGA 3052 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15029
1	120	REPLACEMENT OF PSA-1 MECHANICAL SNUBBER WITH LISEGA 3038 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15030
2	143	REPLACEMENT OF PSA-1 MECHANICAL SNUBBER WITH LISEGA 3038 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15031
1	148	REPLACEMENT OF PSA-1 MECHANICAL SNUBBER WITH LISEGA 3038 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15032
2	186	REPLACEMENT OF PSA-1 MECHANICAL SNUBBER WITH LISEGA 3038 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15033
2	193	REPLACEMENT OF PSA-1 MECHANICAL SNUBBER WITH LISEGA 3038 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15034
2	200	REPLACEMENT OF PSA-1 MECHANICAL SNUBBER WITH LISEGA 3038 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15035
1	65	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15036
1	68	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15037
1	69	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15038

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	72	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15039
2	75	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15040
2	85	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15041
2	222	REPLACEMENT OF PSA-10 MECHANICAL SNUBBER WITH LISEGA 3062 HYDRAULIC SNUBBER PER EC 283065.	4/13/2015	SL1-15042
3	CW-9	REPLACED PIPE SPOOL PIECE CW-9-1 AND FLANGE FASTENERS BY BOLTED CONNECTION.	7/15/2015	SL1-15043
3	CW-9	PRE-FABRICATE REPLACEMENT SPOOL PIECE BY WELDING.	7/15/2015	SL1-15043
3	CW-98	REPLACE DEGRADED PIPE SUPPORT COMPONENTS BY WELDING.	7/7/2015	SL1-15045
3	CW-1001-14B	Replace support beam on CW-76 pipe support.	7/7/2015	SL1-15046
3	CW-96	REPLACE BOLTING AT SPOOL PIECE CONNECTION.	7/17/2015	SL1-15047
3	CW-96	REPLACE DEGRADED SUPPORT COMPONENTS BY BOLTED CONNECTION AND WELDING.	7/7/2015	SL1-15047
3	SS-21-1A	RESTORE FLANGE SURFACE BY WELD BUILD-UP	7/7/2015	SL1-15049
2	V08148	REPLACED CHECK VALVE DISC.	5/6/2015	SL1-15051

TABLE 2
ABSTRACT REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

PSL 1 - 4th Interval, 3rd Period, Outage 26

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	CW-11	PREFABRICATE SPOOL PIECE BY WELDING.	7/16/2015	SL1-15052
3	CW-11	INSTALL NEW SPOOL PIECE BY WELDING AND BOLTED CONNECTIONS.	7/16/2015	SL1-15052
2	SG 1A	REPLACE SECONDARY SIDE MANWAY BOLTING	5/21/2015	SL1-15053
2	SG 1B	REPLACE BOLTING ON SECONDARY MANHOLE COVER	5/21/2015	SL1-15054
1	PRZR	REPLACE PRESSURIZER MANWAY STUDS AND NUTS.	7/16/2015	SL1-15055
2	BF-19	REMOVE LINEAR INDICATION BY MECHANICAL PROCESS.	7/1/2015	SL1-15056
3	CC-26	REPLACE SECTIONS OF SUPPORTS BY WELDING	7/8/2015	SL1-15057
3	BF-40	REPLACE PIPE SUPPORT	7/7/2015	SL1-15058
3	CW-76	REPLACE ELBOW FLANGE FASTENERS	6/2/2015	SL1-15059