



July 20, 2012

L-2012-301
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 - Second Period - SL1-24
Owner's Activity Report (OAR-1)

Enclosed is the St. Lucie Unit 1, SL1-24 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 SL1-24 refueling outage ended on April 21, 2012.

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

Sincerely,

Eric S. Katzman
Licensing Manager
St. Lucie Plant

Attachment

ESK/KWF

A047
NRK

Report Number: ISI-PSL-1-2011

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.: SL1-24

Current Inspection Interval: Fourth Current Inspection Period: Second

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

Date and Revision of inspection plan: February 11, 2008, Rev. 1


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

Code Cases Used: N-460, N-532-4, N-533-1, N-566-2, N-616, N-624, N-658, N-686-1, N-700, N-722-1, N-753

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 SL1-24 conform to the requirements of Section XI.

Signed


Owner or Owner's Designee, Title

R. P. Gil, Plant Controller, Nuclear & Industrial

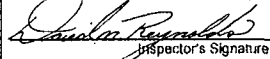
Date

6/23/12

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 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.


Inspector's Signature

Commissions *NB# 9150 A, N, I, B, NS, C, Fl# 11-000694*
National Board, State, Province, and Endorsements

Date *July 19, 2012*

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 OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE
PSL 1 - 4th Interval, 2nd Period, Outage 24

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	CC-33	REPLACEMENT OF SPRING CAN AND DEGRADED SUPPORT STRUCTURAL STEEL.	2/2/2012	SL 1- 11055
3	CC-16	WELD BUILDUP REPAIR OF PIPING DUE TO CORROSION AT YPH-16	1/1/2012	SL 1- 11075
3	CW-30	REPAIR OF DEGRADED PIPING WITH INTERNAL BOLTED ON PATCH PLATES.	1/3/2012	SL 1- 11095
3	CW-30	WELDED REPAIR OF CORROSION AREAS	1/2/2012	SL 1- 11099
3	CW-73	WELD BUILDUP OF CORROSION AREAS, NOT THROUGH-WALL	1/3/2012	SL 1- 11100
3	CW-385	WELD BUILDUP OF CORRODED AREAS ON FLANGE (INTERNAL)	1/3/2012	SL 1- 11108
3	CW-29	REPLACE DEGRADED ICW PIPING BY WELDING	2/12/2012	SL 1- 12022
3	CW-30	REPLACE DEGRADED ICW PIPING BY WELDING	3/3/2012	SL 1- 12025
2	186	REPLACE PIPE CLAMP AND PERFORM FUNCTIONAL TEST OF SNUBBER.	2/13/2012	SL 1- 12028
3	CW-29	REPAIR OF DEGRADED PIPING WITH INTERNAL BOLTED ON PATCH PLATES.	2/14/2012	SL 1- 12029
2	BF-19	REMOVE BASE METAL FLAW BY MECHANICAL MEANS	2/17/2012	SL 1- 12033
3	CW-30	REPAIR OF DEGRADED PIPING WITH INTERNAL BOLTED ON PATCH PLATES.	3/12/2012	SL 1- 12038
3	CW-10	REPLACEMENT OF STRUCTURAL STEEL MEMBERS ON DEGRADED SUPPORT ISH-16 BY WELDING.	3/27/2012	SL 1- 12043
3	CW-78	REPLACEMENT OF SPHERICAL BEARINGS, CW-998-372.	3/2/2012	SL 1- 12045