



August 20, 2001

L-2001-195
10 CFR 50.55a
10 CFR 50.36

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

Re: St. Lucie Unit 1
Docket No. 50-335
Refueling Outage SL1-17
Steam Generator Tube Inservice Inspection Special Report

Attached is the steam generator (S/G) tube inservice inspection special report required by sections 4.4.5.5.b and 6.9.2 of the St. Lucie Unit 1 Technical Specifications for the spring 2001 refueling outage (SL1-17). The report is required to be submitted within one year of completing the refueling outage steam generator inservice inspection.

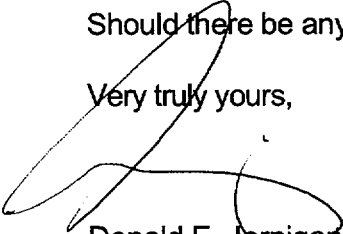
1. Approximately 56% of all inservice tubes in S/G 1A and approximately 53% of all inservice tubes in S/G 1B were examined from tube end to tube end using the bobbin coil technique. Motorized rotating pancake coil techniques (Plus Point) were also used to examine approximately 30% of the row 1 and row 2 U-bends and all previously reported dents (one in each S/G). This is shown under "Total Tubes Inspected" on the attached FORM NIS-BB OWNERS' DATA REPORT FOR EDDY CURRENT EXAMINATION RESULTS.
2. The location and percent of wall thickness penetration is also summarized on the attached FORM NIS-BB under "Location of Indications." To date, no corrosion type indications have been reported at St. Lucie Unit 1.
3. The results of this inspection indicate that no tubes required plugging and that no tubes exhibited wall thickness penetration equal to or greater than 20%. This is summarized in the upper portion of the attached FORM NIS-BB.

JE24

St. Lucie Unit 1
Docket No. 50-335
L-2001-195 Page 2

Should there be any questions, please contact us.

Very truly yours,



Donald E. Jernigan
Vice President
St. Lucie Plant

DEJ/GRM

Attachment

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

Page 1 of 1
FORM NIS-BB OWNERS' DATA REPORT FOR EDDY CURRENT EXAMINATION RESULTS As required by the provisions of the ASME CODE RULES
EDDY CURRENT EXAMINATION RESULTS
PLANT: St. Lucie Unit 1
EXAMINATION DATE: April 11, 2001 thru April 13, 2001

STEAM GENERATOR	TOTAL TUBES INSPECTED	TOTAL TUBES 20%-39%	TOTAL TUBES ≥40%, PIT & VOL	TUBES PREVENTIVELY PLUGGED (PTP)	TUBES PLUGGED THIS OUTAGE	TOTAL PLUGGED TUBES IN S/G
769802A (Bobbin)	4764	0	0	0	0	11
769801B (Bobbin)	4525	0	0	0	0	0
769802A (RPC) ⁽¹⁾	33 ⁽²⁾	0	0	0	0	See Bobbin
769801B (RPC) ⁽¹⁾	33 ⁽²⁾	0	0	0	0	See Bobbin

LOCATION OF INDICATIONS
(20% - 100%, PIT & VOL)

STEAM GENERATOR	U Bend CBH ⁽³⁾ To CBC ⁽³⁾	Lattice Grids (TSP's) 01 to 07		Top of Tubesheet to #1 Support C/L	Top of Tubesheet to #1 Support H/L	Total Indications 20%-39%	Total Indications ≥40%, PIT & VOL
		H/L	C/L				
769802A (Bobbin)	0	0	0	0	0	0	0
769801B (Bobbin)	0	0	0	0	0	0	0
769802A (RPC) ⁽¹⁾	0	0	n/a	n/a	n/a	n/a	0
769801B (RPC) ⁽¹⁾	0	n/a	n/a	n/a	n/a	n/a	0

Remarks:
(1) RPC = Rotating Pancake Coil Technique.
(2) Includes tubes in the low row U-bend & dent programs.
(3) CBH = Connector Bar Hot Leg; CBC = Connector Bar Cold Leg