

PREPARED BY
FLORIDA POWER & LIGHT COMPANY
700 UNIVERSE BLVD
JUNO BEACH, FLORIDA 33408

FOR

ST. LUCIE NUCLEAR POWER PLANT UNIT NO. 2
10 MILES SOUTH OF FT. PIERCE ON ALA
FT. PIERCE, FLORIDA 33450

1986 INSERVICE INSPECTION
SUMMARY REPORT

COMMERCIAL SERVICE DATE: 8 AUGUST 1983

8611140119 861110
PDR ADOCK 05000389
Q PDR

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules page 1 of 18

1. Owner Florida Power and Light Co. 700 Universe Blvd, Mia, Fl .
(Name and address of Owner)
2. Plant St. Lucie Nuclear Power Plant
10 MILES SOUTH OF FT. PIERCE ON ALA, Ft. Pierce, FL 33450
(Name and address of Plant)
3. Plant Unit 2
4. Owner Certificate of Authorization (if required) N/A
5. Commercial service date 8 AUGUST 1983
6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
RPV VESSEL	COMBUSTION ENG.	71172	N/A	N/A
PRESSURIZER	COMBUSTION ENG	71372	N/A	N/A
STM. GEN. 2A 2B	COMBUSTION ENG	71272-1 71272-2	N/A N/A	22227 22228
MAIN REACTOR COOLANT	EBASCO	N/A	N/A	N/A
REACTOR COOLANT	FPL	N/A	N/A	N/A
SAFETY INJECTION	EBASCO/FPL	N/A	N/A	N/A
CVCS	FPL	N/A	N/A	N/A
MAIN STEAM	FPL	N/A	N/A	N/A
FEEDWATER	FPL	N/A	N/A	N/A
SAFETY INJECTION	FPL	N/A	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

NIS-1 REPORT CONTINUED

8. Examination Dates 4-5-1986 to 6-1-1986
9. Inspection Period Identification from 0 YEARS to 3 1/3 YEARS
10. Inspection Interval Identification from 8-8-83 to 8-8-93
11. Applicable Edition of Section XI 1980 Addenda W-1980
12. Date/Revision of Inspection Plan 5/10/85 Rev. 1
13. Abstract of Examination. Include a list of examinations and a statement concerning status of work required for inspection program.

The Inservice Examinations (ISI) of selected Class I, II components of Florida Power and Light Company's (FPL) ST. LUCIE PLANT (PSL), UNIT NO. 2, was performed during the refueling outage which began on 5 APRIL 1986. These examinations constitute the SECOND OUTAGE of the FIRST 40 MONTH PERIOD OF COMMERCIAL OPERATION.

The components were selected in accordance with ST. LUCIE LONG-TERM PLAN which was prepared to meet the requirements of SECTION XI of the AMERICAN SOCIETY OF MECHANICAL ENGINEERS BOILER and PRESSURE VESSEL CODE, "RULES FOR INSERVICE INSPECTION OF NUCLEAR POWER PLANT COMPONENTS," 1980 EDITION with ADDENDA through WINTER 1980.

Manual Ultrasonic, Liquid Penetrant, Magnetic Particle and Visual techniques were used in the performance of the Inservice Inspection Examinations. Mechanized Ultrasonic examination techniques were used in the RPV Nozzle examinations.

Eddy Current examination were conducted from 11 April 1986 to 3 May 1986 on steam generators 2A and 2B. These examinations were performed by Combustion Engineering. 8,233 tubes were examined on S/G 2A and 8,276 tubes were examined on S/G 2b. See attached NIS-BB report for summary of examination results.

The snubber visual examinations and functional testing was conducted in accordance with the requirements of St. Lucie Plant Technical Specifications. These examinations were performed by Paul - Munroe Energy Services.

The System Pressure test's were conducted in accordance with plant procedures.

Representative samples of the following components and areas were examined with nondestructive testing (NDE) techniques.

CLASS I

REACTOR PRESSURE VESSEL
CLOSURE HEAD
PRESSURIZER
STEAM GENERATORS 2A AND 2B

REACTOR COOLANT	SAFETY INJECTION	CHEMICAL & VOLUME
42"-RC-201	12"-SI-501	2"-CH-146
30"-RC-103	10"-SI-130	2"-CH-347
30"-RC-107	10"-SI-378	2"-CH-147
30"-RC-109	10"-SI-4205	2"-CH-145
30"-RC-112	6"-SI-151	
30"-RC-115	6"-SI-518	
30"-RC-1501	3"-SI-191	
30"-RC-401	3"-SI-9	
3"-RC-502		
3"-RC-147		
2"-RC-149		

CLASS II

MAIN STEAM	FEEDWATER	SAFETY INJECTION
36"-MS-52	18"-BF-51	24"-SI-504
34"-MS-28	18"-BF-52	24"-SI-2407
35.5"-MS-1	20"-BF-55	12"-SI-407
	20"-BF-14	12"-SI-406
		12"-SI-459
CONTAINMENT SPRAY		12"-SI-4203
		10"-SI-362
24"-CS-1-1		10"-SI-472
24"-CS-41		6"-SI-113
14"-CS-7-3		6"-SI-146
14"-CS-6-1		6"-SI-110
12"-CS-14		

14. Abstract of Results of Examinations:

This section of the report provides a summary of the NDE examinations performed.

A. EXAMINATION SUMMARY**CLASS I****ZONE 1 REACTOR VESSEL**

Mechanized Ultrasonic examination of the Reactor Pressure Vessel was performed by Nuclear Energy Services, Inc. The examinations conducted from the inside surface were as follows: The outlet nozzles at 0 and 180 degrees, the inner radius sections at 0 and 180 degrees, the outlet nozzle to extension piece at 0 and 180 degrees, and the extension to pipe weld at 0 and 180 degrees. In addition to the Mechanized examinations FPL conducted manual examinations of the upper shell to flange weld, and the threads in the base material flange surface. Results of the mechanized examinations can be found in Nuclear Energy Services Final Report, Document no. 83A2843.

ZONE 2 RPV CLOSURE HEAD

All (4) four peel segments welds were examined by ultrasonic examination techniques. No Recordable indications were noted.

ZONE 3 STEAM GENERATOR 2A

Twenty-one (21) examinations were conducted. Three (3) geometric reflectors were noted due to the inside inner radius section. During the visual examination of studs some dents were noted.

ZONE 6 RCS LOOP A HOT LEG

Six (6) examinations were conducted. No Recordable indications were noted.

ZONE 8 RCS LOOP A STEAM GENERATOR TO REACTOR COOLANT PUMP

Five (5) examinations were conducted. No recordable indications were noted.

ZONE 10 RCS LOOP B STEAM GENERATOR TO REACTOR COOLANT PUMP

Three (3) examinations were conducted. No Recordable indications were noted.

ZONE 11 RCS LOOP B REACTOR COOLANT PUMP TO REACTOR VESSEL

Six (6) examinations were conducted. One (1) Recordable indication was noted, determined to be acceptable.

ZONE 12 RCS LOOP A STEAM GENERATOR TO REACTOR COOLANT PUMP

Three (3) examinations were conducted. No Recordable indications were noted.

ZONE 17 REACTOR COOLANT PUMP FLYWHEEL

The flywheel bore and keyway was examined as required by R.G. 1.14. No recordable indications noted.

ZONE 18 REACTOR COOLANT PUMP FLYWHEEL

The flywheel bore and keyway was examined as required by R.G. 1.14. No recordable indications noted.

ZONE 19 REACTOR COOLANT PUMP FLYWHEEL

The flywheel bore and keyway was examined as required by R.G. 1.14. No recordable indications noted.

ZONE 20 REACTOR COOLANT PUMP FLYWHEEL

THE FLYWHEEL BORE AND KEYWAY WAS EXAMINED AS REQUIRED BY R.G. 1.14. NO RECORDABLE INDICATIONS NOTED.

ZONE 24 SAFETY INJECTION LOOP 2B2

Three (3) visual examinations were conducted on valve bolting in place. One (1) indication was noted and determined to be acceptable.

CLASS I CONTINUED

ZONE 28 LOOP B SHUTDOWN COOLING

Five (5) examinations were conducted. Three (3) rounded indications noted on the branch connection, determined to be acceptable.

ZONE 29 SHUTDOWN COOLING & HOT LEG INJECTION LOOP A

Three (3) visual examinations were conducted. One (1) cap screw was noted as missing, and boric acid residue was noted.

ZONE 33 2A1 PRIMARY DRAIN

One (1) examination was conducted. No Recordable indications were noted.

ZONE 34 2A2 PRIMARY DRAIN

One (1) examination was conducted. Rust was noted on bolting.

ZONE 35 2B1 PRIMARY DRAIN

One (1) examination was conducted. No recordable indications noted.

ZONE 36 2B2 PRIMARY DRAIN

One (1) examination was conducted. Boric acid residue was noted.

ZONE 37 LETDOWN LINE

Two (2) examinations were conducted. Boric acid residue was noted.

CLASS II

STEAM GENERATOR 2A

Four (4) examinations were conducted. Keyway Bracket @ 0 degrees, Secondary extension ring to Lower shell, Secondary extension ring to Tube sheet and Clevis bracket @ 45 degrees. Two (2) rounded indications were noted and determined to be acceptable.

ZONE 43 LPSI 2A DISCHARGE

SEVEN (7) examinations were conducted, Pipe to Valve, Pipe Long Seam, Reducer to pipe and shear lugs. No Recordable indications were noted.

ZONE 49 SHUTDOWN COOLING "A"

Seven (7) examinations were conducted, Penetration to Pipe, Pipe Long Seam, Elbow Long Seam, Elbow to Pipe. No Recordable indications were noted.

ZONE 52 SHUTDOWN COOLING

Six (6) examinations were conducted, Two (2) Pipe to Elbows and associated Long Seams. No Recordable examinations were noted.

ZONE 62 HIGH PRESSURE SAFETY INJECTION 2B

Two (2) examinations were conducted on a Pipe to Valve Weld. No Recordable indications were noted.

ZONE 63 MAIN STEAM 2A1

Eleven (11) examinations were conducted. No Recordable indications were noted.

ZONE 64 MAIN STEAM 2B1

Five (5) examinations were conducted. No Recordable indications were noted.

ZONE 65 MAIN STEAM 2A

Four (4) examinations were conducted. No Recordable indications were noted.

ZONE 67 MAIN FEEDWATER 2A1

Three (3) examinations were conducted and Augmented examinations were also conducted as a follow up of I&E Bulletin 79-13 "CRACKING IN FEEDWATER SYSTEM PIPING". FP&L conducted 100% ultrasonic examination of base metal from the nozzle ramp out to a point one pipe diameter upstream of the pipe to elbow weld on the horizontal run. (applicable to Zones 67 & Zone 68) Two (2) geometric reflectors were noted, one from the counterbore and one from a redirected shear wave.

ZONE 68 MAIN FEEDWATER 2B1

Two (2) examinations were conducted and Augmented examinations as described in zone 67. No Recordable indications noted.

ZONE 78 SHUTDOWN COOLING 2B

One (1) examinations were conducted. Radiographic examination performed on the CS pump 2B Flange to Reducer weld. No Reportable indications were noted.

ZONE 79 SHUTDOWN COOLING 2B

Three (3) examinations were conducted. No Recordable indications were noted.

SNUBBER'S

SNUBBER EXAMINATIONS AND TESTS

The program for the visual examination and functional testing were conducted in accordance with Plant technical specifications. The results of these examinations and tests are available at the site. Twenty Eight (28) snubbers were replaced during this outage.

CLASS I, SYSTEM LEAKAGE TESTS**SYSTEM LEAKAGE TESTS**

The system leakage tests and visual (VT-2) examinations of class I systems prior to plant startup was performed by the plant. The system leakage was conducted during the Reactor Coolant (RCS) overpressure, and Instrumented Inspection Technique was conducted on the charging lines. The following are the results of those examinations:

2-IPT-07 No leakage noted Reactor coolant discharge boundary
2-IPT-05 Packing Leakage Charging pump suction header
2-IPT-06 Check Valve Leaking Charging Pump discharge Header

15. Abstract of Corrective Measures

All of the above conditions were dispositioned in accordance with plant procedures.

The following section of this report are presented for explanation of the summary of NDE examination tables (SUMMARY TABLES). The summary table, which are included in this report, provides information and results for the nondestructive examinations which were performed.

ZONE NUMBER

Each specific system has been given a unique zone number, each zone number is identified in the upper left corner of the summary sheet tables.

SYSTEM

Also identified in the upper left hand corner of the summary sheet tables is a brief description of the system.

PROGRAM ITEM NUMBER

The program item number is an administrative number assigned to each weld or item for correlation purposes.

COMPONENT IDENTIFICATION AND COMPONENT DESCRIPTION

Component identification and component description are listed in the second and third column respectively. Each component examined is identified either by listing the name of the component or by a unique coded number.

ISOMETRIC NUMBER

Each isometric number is listed on the top left corner of each page.

NDE PROCEDURE IDENTIFICATION COLUMN

The column titled procedure number lists the NDE procedure that was used for each examination.

CODE EXAM METHOD

This column describes the NDE examination to be performed.

INDICATION COLUMNS

The four columns under the general heading of "INDICATIONS" are "NRI", "IN", "GEO", AND "OTHER". These columns were used as required, and their general description is provided below.

The results for the VT, MT and PT examinations are indicated by an "X" in the appropriate column to be either "NRI", or "OTHER". The term "OTHER" is used when indications are observed that do not exceed the recording requirements of the applicable procedure.

The results of the UT examinations are indicated by recording a "X" in the appropriate column to be either "NRI", "IN", "GEO" or "OTHER" column.

In the performance of the UT examinations, the data recording level was established by the applicable NDE procedure.

"NRI"

The term "NRI" (NO RECORDABLE INDICATIONS) was applied when no indications were observed greater than the recording level.

"IN"

The term "IN" (INSIGNIFICANT) was applied when (1) the amplitude of any indication observed was equal to or greater than the recording level, but less than 100% of the DAC curve, and was not resolved as being relevant or (2) non-relevant indications, such as reflections due to standing wave, trapped couplant, etc.

"GEO"

The term (GEOMETRIC) was applied when (1) indications which have an amplitude equal to or greater than 100% of the DAC curve, and have been documented to be GEOMETRIC in nature, or (2) indications that are less than 100% of the DAC curve but were suspected by the level II examiner to be other than geometric in nature, and were determined and documented to be geometric.

"OTHER"

The term (OTHER) indications include those indications evaluated to be other than INSIGNIFICANT or GEOMETRIC indications.

The resolution of each GEOMETRIC and OTHER indication is either documented on the indication report form or on a sheet of paper that is attached with the weld data package.

REMARKS COLUMN

The remarks column is used to provide additional information pertinent to the examination results.

1. When complete coverage of the examination was not possible, the remarks column was used to indicate the limitation.

2. For VT, MT and PT results, reportable in the OTHER column, a brief description is given in the remarks column.
3. For UT results reported in the OTHER column, a brief description of the resolution of the indications is presented in the remarks column.
4. References is made in the remarks column to CORRECTIVE ACTION REQUESTS used in reporting the indications to the plant for action.
5. Augmented examinations that were performed are also identified in the remarks column.

We certify that the statements made in this report are correct and the examinations meet the Inspection Plan as required by the ASME Code, Section XI.

Date: 11-6-86 Signed FLORIDA POWER & LIGHT CO. By *J. M. Mula*
Owner

Certificate of Authorization no. (if applicable) N/A
Expiration date N/A

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of OHIO and employed by ARKWRIGHT BOSTON MFGS MUTUAL INSURANCE COMPANY of NORWOOD, MASS have inspected the components described in this Owners' Data Report during the period 04-05-1986 to 06-01-1986, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

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

Date: 7 November 1986

FACTORY MUTUAL SYSTEM

Charles A. Liello
Inspector's Signature

Commissions

NB-7719

National Board, state, Province and No.

NIS-1 REPORT CONTINUED

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SUPPLEMENTAL SHEET NIS-1

1. Owner: Florida Power & Light Co.
700 Universe Blvd.
Juno Beach, Florida 33408
2. Plant: St. Lucie Nuclear Power Plant
10 Miles South of Ft. Pierce on AlA
Ft. Pierce, Florida 33450
3. Plant Unit : 2
4. Owner Certificate of Authorization : N/A
5. Commercial Service Date: 8 AUGUST 1983
6. National Board Number for Unit: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
MCI-PSL-RPT-86-002-2	FPL	INSERVICE INSPECTION FINAL REPORT
IR-ISI-096	CE	EDDY CURRENT EXAMINATION OF STEAM GENERATORS
83A2843	NES	REACTOR VESSEL MECHANIZED Ultrasonic EXAMINATION FINAL REPORT

FORM NIS-BB OWNERS' DATA REPORT FOR EDDY CURRENT EXAMINATION RESULTS
As required by the provisions of the ASME CODE RULES

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EDDY CURRENT EXAMINATION RESULTS

PLANT: ST. LUCIE PLANT UNIT NO. 2

EXAMINATION DATES: FROM 4-11-1986 THRU 5-3-1986

STEAM GENERATOR NUMBER	TOTAL TUBES INSPECTED	TOTAL INDICATIONS < 20%	TOTAL INDICATION > OR = TO 20% TO 39%	TOTAL INDICATION > OR = TO 40% - 100%	TOTAL TUBES PLUGGED
SG 2A	8233	48	30	11	18
SG 2B	8276	37	16	4	.12

LOCATION OF INDICATIONS

STEAM GENERATOR	APEX OF U-BENDS	FULL EGGCRATES 1 THRU 7	PARTIAL EGGCRATES 8 AND 9	TOP OF TUBE SHEET TO 1 DRILLED SUPPORT
SG 2A	59	23	1	3
SG 2B	30	19	2	4

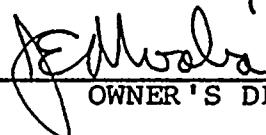
CERTIFICATION OF RECORD

We certify that the statements in this record are correct and the tubes inspected were tested in accordance with the requirements of Section XI of the ASME Code.

FLORIDA POWER & LIGHT COMPANY
(Organization)

DATE 6 November 1986

BY



OWNER'S DESIGNEE

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As required by the provisions of the ASME Code Section XI

1. Owner: name FLORIDA POWER & LIGHT CO.
address 700 UNIVERSE BLVD.
JUNO BEACH, FLORIDA 33408 Date 6 November 1986
sheet 15 of 18
2. Plant: ST. LUCIE POWER PLANT
name 10 MILES SOUTH OF FT. PIERCE
address ON ALA
FT. PIERCE, FLORIDA 33450 Unit 2
PC/M NO. N/A
repair organization P.O. No.
job No., etc.
3. Work Performed by: name PAUL MUNROE
address 1701 W. SEQUOIA AVE.
P.O. BOX 5900
ORANGE, CALIFORNIA 92668 Type Code Symbol Stamp N/A
Authorization no. N/A
Expiration Date N/A
4. Identification of system: SEE ATTACHED TABLES
5. (a) Applicable Construction Code N/A
- (b) Applicable Edition of Section XI utilized for repairs or
replacements
1980 EDITION THROUGH THE WINTER 1980 ADDENDA
6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Crn No.	Other Identification	Year Built	Repaired Replaced or replacement	ASME Code stamped (yes,no)
MECH. SNUBBERS	PSA	SEE ATTACHED	N/A	N/A	0.25	N/A	REPLACE-MENT	YES
MECH. SNUBBER	PSA	SEE ATTACHED	N/A	N/A	1.00	N/A	REPLACE-MENT	YES
MECH. SNUBBER	PSA	SEE ATTACHED	N/A	N/A	0.50	N/A	REPLACE-MENT	YES
MECH. SNUBBER	PSA	SEE ATTACHED	N/A	N/A	10.0	N/A	REPLACE-MENT	YES

7. Description of work:

Replace twenty-eight (28) mechanical snubbers during outage

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other X Pressure psig Test Temp. F

9. Remarks: Applicable Manufacturer's data Report's are attached

NONE

CERTIFICATE OF COMPLIANCE

To certify that the statements made in this report are correct and this
REPLACEMENT conforms to Section XI of the ASME Code.
(Repair or Replacement)

Signed

J. J. Morla

(Owner or Owner's Designee)

BY

Manager - Materials, Codes & Insp.

(Title)

11-6-86

(Date)

CERTIFICATE OF 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 OHIO employed by Arkwright Boston Mfg's Mutual Insurance Company of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 7 NOVEMBER 1986 and state that to the best of my knowledge and belief, this replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer takes any warranty, expressed or implied, concerning the repair or replacement 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 a loss of any kind arising from or connected with this inspection.

Date 11-7-1986

Charles A. Fiello
(Inspector)

Commissions FACTORY MUTUAL SYSTEM

COMM. NO NB-7719

(State or Province, National Board)

NIS-2 SUPPLEMENTAL SHEET

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1. OWNER: FLORIDA POWER & LIGHT DATE: 6 November 1986
700 UNIVERSE BLVD.
JUNO BEACH, FLORIDA 33408
2. PLANT: ST. LUCIE POWER PLANT UNIT: 2
10 MILES SOUTH OF FT. PIERCE
ON AIA, FT. PIERCE, FLA
3. WORK Paul Munroe JOB NO. N/A
PERFORMED
BY:

SUMMARY OF REPLACED SNUBBERS

TAG NO.	MARK NO.	SERIAL NO.	MANUFACTURER CAPACITY	LINE/COMPONENT DESCRIPTION
2-021	RC58-22	24078	PSA-0.25	RCP 2B1 DIFFERENTIAL PRESS.
2-022	RC48-R8	26319	PSA-0.25	RCP 2B1 UPPER SEAL CAV. PRESS
2-024	RC44-R7	26329	PSA-0.25	RCP 2B1 MID SEAL CAV. PRESS
2-025	RC35-R11	29186	PSA-0.25	RCP 2B2 MID. SEAL CAV. PRESS.
2-027	RC2-R5	29194	PSA-0.25	2B1 LETDOWN
2-029	RC5-R4	19071	PSA-0.25	SURGE LINE SAMPLE
2-030	RC59-R2	29190	PSA-0.25	RCP 2B2 DIFF. PRESS.
2-033	RC18-R9	26327	PSA-0.25	RCP 2A2 MID. SEAL CAV. PRESS.
2-034	RC26-R10A	24081	PSA-0.25	RCP 2A1 MID. SEAL CAV. PRESS.
2-045	CH108-R4	19100	PSA-0.25	CH TO LOOP 2B2
2-046	CH108-R8	26315	PSA-0.25	CH TO LOOP 2B2
2-051	SI4201-7368	12901	PSA-0.25	SI TO LOOP 2A1
2-059	SI4200-322B	29372	PSA-0.25	SI LOOP 2A2
2-061	SI4200-6307	19069	PSA-0.25	SI TO LOOP 2A2
2-071	SI4208-2668	12905	PSA-0.25	HPSI TO LOOP 2A
2-086	SI99-R1	12910	PSA-0.25	SI TANKS TO RWT
2-088	SI4204-1270B	20361	PSA-1.00	SI TO LOOP 2B1
2-091	BF4007-7012A	16442	PSA-10.00	FEEDWATER TO 2A S/G
2-117	SI4206-6271B	12050	PSA-0.25	HPSI TO LOOP 2B
2-162	RC4300-157	8947	PSA-10.00	PRESSURIZER RELIEF
2-214	CH2081-147A	14138	PSA-0.50	BAM PUMP SUCTION
2-215	CH2081-100A	14137	PSA-0.50	BAMT 2B OUTLET
2-224	CH2081-685B	14139	PSA-0.50	BAMT GRAVITY FEED
2-230	CH1-R5	19105	PSA-0.25	LETDOWN
2-232	CH1-R3	19104	PSA-0.25	LETDOWN
2-318	MS4102-2828	10168	PSA-10.00	S/G 2B OUTLET
2-321	MS50-R4	19111	PSA-0.25	AUX FSWTR. 2C TURB SUP. DRAIN
2-322	MS7-R2B	26318	PSA-0.25	2B MS DRAIN TO CATCH BASIN

OWNERS REPORT FOR PROGRAM "B" COMPLIANCE
As referenced by the provisions of the ASME Code Rules
page 18 of 18

1. Owner: Florida Power & Light Company Date: 6 November 1986
Name 700 Universe Blvd.
Address: Juno Beach, Florida 33408

2. Plant: St. Lucie Power Plant Unit No. 2
Name 10 Miles South of Ft. Pierce
Address: on Ala
Ft. Pierce, Florida 33450

3. Commercial Service Date: 8 August 1983

4. Inspection Period: from 0 years to 3 1/3 years

5. Inspection Interval Dates: 8-8-83 to 8-8-93

6. Applicable Edition of Section XI 1980, Addenda Winter 1980

7. OVERALL FIRST PERIOD PROGRAM COMPLIANCE

CLASS	TOTAL ITEMS SUBJECT TO EXAMINATION INTERVAL	FIRST PERIOD % REQUIRED		TOTAL ITEMS COMPLETE FIRST PERIOD	TOTAL % COMPLETE FIRST PERIOD
		16%	34%		
WELDS					
1	1443	230	490	435	33%
2	454	72	154	113	40%
3	0	0	0	0	0
SUPPORTS					
1	68	10	23	20	34%
2	120	19	40	33	36%
3	49	8	16	48	100%
=====	=====	=====	=====	=====	=====
TOTAL	2134	341	725	649	32%

ZONE 01
SYSTEM REACTOR VESSEL
ISO NO. 501-014

ST. LUCIE NUCLEAR PLANT UNIT 2
1986 SUMMARY REPORT TABLES
CLASS 1

Mon Oct 13 1986
PAGE 1

ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS NRI IN GEO OTHER	REMARKS
200	101-121	UPPER SHELL-FLANGE WELD	UT	5.12	UT-8	X	CONJ WITH NOZ EXAM
210	105-121-A	OUTLET NOZ-SHELL @ 0 DEG	UT	83A2835	UT-10	X	FROM THE ID SURFACE
240	105-121-B	OUTLET NOZ-SHELL @ 180 DEG	UT	83A2835	UT-10	X 1 ACCP	CONJ. WITH NOZ. EXA
330	401-128-A	OUTLET NOZZLE EXT @ 0 DEG	UT	83A2836	*	X	*5CSCL-40
340	RC-114-1	OUTLET NOZ EXT-PIPE @ 0 DEG	UT	83A2836	UT-6R	X	
390	401-128-B	OUTLET NOZ. TO EXT @ 180	UT	83A2836	*	X GEO	5-CSCL-40
480	T-01 THRU T-54	THREADS IN BASE MAT'L FLANGE	UT	NDE 5.12	UT-8	X	0,1.5,5.7,12.5 deg.
400	RC-123-1	OUT NOZ EXT-PIPE @ 180 deg.	UT	83A2836	LATR	X	
300	ON-IR-B	INN. RAD NOZ @ 180 degrees	UT	83A2836	UT-10	X	IN CONJ. WITH NOZ.

ZONE 02
SYSTEM CLOSURE HEAD
ISO NO. 501-102

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS NRI IN GEO OTHER	REMARKS
20	101-104-A	PEEL SEGMENT @ 0 DEG	UT	NDE 5.14	UT-3A	X	R.G. 1.150
30	101-104-B	PEEL SEGMENT @ 90 degrees	UT	NDE 5.1	UT-2	X	
50	101-104-D	PEEL SEGMENT @ 270 degrees	UT	5.14	UT-2	X	
40	101-104-C	PEEL SEGMENT WELD @180	UT	NDE 5.14	UT-2	X	

ZONE 03
SYSTEM SIM. GEN. 2A
ISO NO. 501-103

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
150	101-244-C	EXT. RING LONG WELD @ 180	UT	NDE 5.1	UT-27	X			
160	101-244-D	EXT. RING LONG WELD @ 270	UT	NDE 5.1	UT-27	X			
260	PMN-B	FRI. MANWAY NUTS @112 DEG 30'	VT-1	NDE 4.1	N/A	X			
70	101-254-E	MERIDIONAL @ 324	UT	800-99	UT-27	X			
170	IN-IR	INLET NOZZLE INNER RADIUS	UT	NDE 5.13	UT-2	X			UT-3A
90	201-246	FRI. EXT. RING - TUBESHEET	UT	5.1	UT-27	X			
190	ON-IR-B	OUTLET NOZ. @ 315 INNER RADIUS	UT	NDE 5.13	UT-2	X			UT-4A
110	102-251-A	OUTLET NOZZLE - HEAD @ 45	UT	5.1	UT-27		X	GEO	
80	202-271	PRIMARY EXT. RING - HEAD	UT	5.1	UT-27	X			
250	PMS-B	FRI. MANWAY STUDS @112 DEG 30'	VT-1	NDE 4.1	N/A	X			
140	101-244-B	EXT. RING LONG WELD @ 90	UT	NDE 5.1	UT-27	X			
30	101-254-A	MERIDIONAL @ 36	UT	800-99	UT-27	X			0 deg. only LIMITED
40	101-254-B	MERIDIONAL @ 108	UT	5.1	UT-27	X			
50	101-254-C	MERIDIONAL @ 180	UT	800-99	UT-27	X			
180	ON-IR-A	OUTLET NOZZLE @45 INNER RADIUS	UT	NDE 5.13	UT-2	X			
100	104-251	INLET NOZZLE TO HEAD	UT	5.1	UT-27		X	GEO	
120	102-251-B	OUTLET NOZZLE TO HEAD @ 315	UT	5.1	UT-27		X	GEO	
130	101-244-A	EXT. RING LONG WELD @ 0	UT	5.1	UT-27	X			
60	101-254-D	MERIDIONAL @ 252	UT	800-99	UT-27	X			0 deg. only LIMITED
240	PMN-A	PRIMARY MANWAY @ 0 NUTS	VT-1	NDE 4.1	N/A	X			
230	PMS-A	PRIMARY MANWAY @ 0 STUDS	VT-1	NDE 4.1	N/A		X	DENTS	INPLACE, REMOVED

ZONE 04
SYSTEM SIM. GEN. 2B
ISO NO. 501-104

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
230	PMS-A	PRIMARY MANWAY @ 0 DEG STUDS	VT-1	NDE 4.1	N/A			X	DENTS
260	PMN-B	FRI MANWAY NUTS @112 DEG 30'	VT-1	NDE 4.1	N/A			X	FROZEN
250	PMS-B	PRIMARY MANWAY STUDS @ 112 30'	VT-1	NDE 4.1	N/A			X	DENTS
240	: PMN-A	PRIMARY MANWAY @ 0 DEG NUTS	VT-1	NDE 4.1	N/A	X			

ZONE 06
SYSTEM RCS LOOP A HOT LEG
ISO NO. 501-106

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS NRI IN GEO OTHER	REMARKS
31	42"-RC-101-722-B	PIPE - LONG SEAM	UT	NES	UT-4A	X	12" OF LONG SEAM
20	42"-RC-101-722-A	PIPE - LONG SEAM	MT	NDE 2.2	N/A	X	12" OF LONG SEAM
10	42"-RC-114-1	RPV NOZ. EXT.- PIPE	MT	NDE 2.2	N/A	X	FROM NOZ. BORE ZN.
30	42"-RC-101-722-B	PIPE - LONG SEAM	MT	NDE 2.2	N/A	X	12" OF LONG SEAM
100	3"-RC-502-771	NOZZLE TO SAFE END	UT	NDE 5.11	UT-33	X	CONT. ON ITEM # 21
21	42"-RC-101-722-A	PIPE - LONG SEAM	UT	NES	UT-4A	X	12" OF LONG SEAM

ZONE 08
SYSTEM RCS LOOP A S/G-RCP
ISO NO. 501-108

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS NRI IN GEO OTHER	REMARKS
40	30"-RC-107-742-B	ELBOW - LONG SEAM	UT	NDE 5.3	UT-6	X	12" OF LONG SEAM
20	30"-RC-1501-771-A	SAFE END TO ELBOW	UT	NDE 5.11	UT-59	X	
21	30"-RC-1501-771-A	SAFE END TO ELBOW	UT	NDE 5.3	UT-6CS	X	
10	30"-RC-115-4	RCP 2A2 INLET TO SAFE END	UT	NDE 5.3	UT-59	X	EXCEEDS 2.4 S/M
30	30"-RC-107-742-A	ELBOW - LONG SEAM	UT	NDE 5.3	UT-6	X	12" OF LONG SEAM

ZONE 10
SYSTEM RC LOOP B S/G-RCP
ISO NO. 501-110

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
170	30"RC-121-1501-771-B	ELBOW-2B1 RCP INLET SAFE END	UT	NDE 5.3	UT-59	X			
10	30"RC-121-401-258-B	S/G NOZZLE-EXT PIECE	UT	NDE 5.3	UT-6	X			
171	30"RC-121-1501-771-B	ELBOW-2B1 RCP INLET SAFE END	UT	NDE 5.3	UT-6CS	X			

ZONE 11
SYSTEM RC LOOP B RCP-RPV
ISO NO. 501-111

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
11	30"-RC-121-5	RCP 2B2-SAFE END	PT	NDE 3.3	N/A	X			
30	30"-RC-103-722-A	PIPE - LONG SEAM	UT	NDE 5.3	UT-6	X			12" OF LONG SEAM
40	30"-RC-103-722-B	PIPE - LONG SEAM	UT	NDE 5.3	UT-6	X			12" OF LONG SEAM
21	30"-RC-901-771	SAFE END TO PIPE	UT	NDE 5.3	UT-6CS	X			
10	30"-RC-121-5	RCP 2B1-SAFE END	UT	NDE 5.3	UT-59		X	ACCEPT	
20	30"-RC-901-771	SAFE END TO PIPE	UT	NDE 5.3	UT-59	X			

ZONE 12
SYSTEM RCS LOOP A S/G-RCP
ISO NO. 501-112

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
150	30"-RC-107-742-A	ELBOW - LONG SEAM	UT	NDE 5.3	UT-6	X			12" OF LONG SEAM
170	30"-RC-1501-771-C	ELBOW TO SAFE END	UT	NDE 5.11	UT-59	X			
171	30"-RC-1501-771-C	ELBOW TO SAFE END	UT	NDE 5.3	UT-6	X			

ZONE 17
SYSTEM RCP 2A1
ISO NO. 501-117

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	02-017-008	FLYWHEEL BORE & KEYWAY	UT	NDE 5.15	N/A	X			R.G. 1.14

ZONE 18
SYSTEM RCP 2A2
ISO NO. 501-118

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	02-018-008	FLYWHEEL BORE & KEYWAY	UT	NDE 5.15	N/A	X			R.G. 1.14

ZONE 19
SYSTEM RCP 2B1
ISO NO. 501-119

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS		REMARKS
						NRI	IN GEO OTHER	
80	02-019-008	FLYWHEEL BORE & KEYWAY	UT	5.15-1	N/A	X		R.G. 1.14

ZONE 20
SYSTEM RCP 2B2
ISO NO. 501-120

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	02-020-008	FLYWHEEL BORE & KEYWAY	UT	NDE 5.15	N/A	X			R.G. 1.14

ZONE 24
SYSTEM SI LOOP 2B2 (IC)
ISO NO. 501-124

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
221	V-3644	VALVE BOLTING	VT-1	NDE 4.1	N/A			X	ACCEPT
51	V-3247	VALVE BOLTING	VT-1	NDE 4.1	N/A	X			
271	V-3261	VALVE BOLTING 16 STUDS/NUTS	VT-1	NDE 4.1	N/A	X			

ZONE 28
SYSTEM S.C. & HLI LOOP B
ISO NO. 501-128

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	OTHER	
380	10"-130-FW-901	PIPE TO PIPE	UT	NDE 5.4	UT-37	X			
390	10"-SI-130-FW-902	PIPE TO TEE	UT	NDE 5.4	UT-37	X			
381	10"-SI-130-FW-901	PIPE TO PIPE	PT	NDE 3.3	N/A	X			
310	10"-SI-130-1-SW-6	2" BRANCH CONNECTION	PT	NDE 3.3	N/A				
391	10"-SI-130-FW-902	PIPE TO TEE	PT	NDE 3.3	N/A	X			X ACCEPT (3) ROUND IND

ZONE 29
SYSTEM S.C. & HLI LOOP A
ISO NO. 501-129

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
331	V-3480	VALVE BOLTING	VT-1	NDE 4.1	N/A			X	SCREWS MISSING CAP SCREW
511	V-3545	VALVE BOLTING	VT-1	NDE 4.1	N/A	X			
441	V-3481	VALVE BOLTING	VT-1	NDE 4.1	N/A			X	BORIC ACID LIGHT

ZONE 33
SYSTEM PRIMARY DRAIN 2A1
ISO NO. 501-133

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	2"-RC-113-FB	FLANGE BOLTING 8 STUDS 16 NUTS	VT-1	NDE 4.1	N/A	X			



ZONE 34
SYSTEM PRI. DRAIN LOOP 2A2
ISO NO. 501-134

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	2"-RC-116-FB	FLANGE BOLTING 8 STUDS 16 NUTS	VT-1	NDE 4.1	N/A			X	RUST

ZONE 35
SYSTEM PRI. DRAIN LOOP 2BL
ISO NO. 501-135

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METHOD	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	2"-RC-122-FB	FLANGE BOLTING 8 STUDS 16 NUTS	VT-1	NDE 4.1	N/A	X			

ZONE 36
SYSTEM PRI. DRAIN LOOP 2B2
ISO NO. 501-136

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
80	2"-RC-125-FB	FLANGE BOLTING 8 STUDS 16 NUTS	VT-1	NDE 4.1	N/A			X	BORON

ZONE 37
SYSTEM LEIDOWN LINE
ISO NO. 501-137

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
420	V-2516	VALVE BOLTING (12)	VT-1	NDE 4.1	N/A			X	BORIC BORIC ACID
230	2"-CH-145-SEW-3	ELBOW TO PIPE	PT	NDE 3.1	N/A	X			

ZONE 41
SYSTEM SIM. GEN. 2A
ISO NO. 501-241

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
120	103-221-A	KEYWAY BRACKETS @ 0 DEG	MT	NDE 3.3	N/A	X			
20	101-241	SECONDARY EXT RING-LOWER SHELL	UT	NDE 5.1	UT-25	X			
10	203-246	SECONDARY EXT. RING-TUBESHEET	UT	NDE 5.1	UT-25	X			
140	104-221-A	CLEVIS BRACKET @ 45 DEG	MT	NDE 3.3	N/A			X	ACCEPT (2) ROUNDED

ZONE 43
SYSTEM LPSI 2A DISCHARGE
ISO NO. 501-243

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
40	10"-SI-417-FW-1	PIPE TO VALVE V-3106	PT	NDE 3.3	N/A	X			
30	10"-SI-417-1-SW-1 1s	PIPE LONG SEAM	PT	NDE 3.3	N/A	X			2.5t TO BE EXAMINED
20	10"-SI-417-1-SW-1	10"x8" RED - 10" PIPE	PT	NDE 3.3	N/A	X			
140	10"-SI-2406-660	SHEAR LUGS t= 1 1/2"	PT	NDE 3.3	N/A	X			4 LUGS
150	10"-SI-417-FW-3	PIPE TO VALVE V-3206	PT	NDE 3.3	N/A	X			
160	NO I.D.	PIPE LONG SEAM @ FW-3	PT	NDE 3.3	N/A	X			
50	10"-SI-417-FW-1 1s	PIPE - LONG SEAM	PT	NDE 3.3	N/A	X			2.5t TO BE EXAMINED

ZONE 49
SYSTEM SHUTDOWN COOLING A
ISO NO. 501-249

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
10	10"-SI-363-FW-12	PENETRATION # 64 TO PIPE	PT	NDE 3.3	N/A	.	X		
40	10"-SI-363-FW-904 1s	PIPE LONG SEAM	PT	NDE 3.3	N/A	X			2.5t OF LONG SEAM
50	10"-SI-363-11-SW-1A	ELBOW-LONG SEAM	PT	NDE 3.3	N/A	X			2.5t OF LONG SEAM
20	10"-SI-363-FW-12 1s	PIPE - LONG SEAM	PT	NDE 3.3	N/A	X			2.5t OF LONG SEAM
30	10"-SI-363-FW-904	PIPE TO ELBOW	PT	NDE 3.3	N/A	X			
60	10"-SI-363-11-SW-1A	ELBOW-LONG SEAM	PT	NDE 3.3	N/A	X			2.5t OF LONG SEAM
70	10"-SI-363-FW-13	ELBOW TO PIPE	PT	NDE 3.3	N/A	X			

ZONE 52
SYSTEM SHUTDOWN COOLING B
ISO NO. 501-252

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
360	10"-362-4-SW-1	PIPE TO ELBOW	PT	NDE 3.3	N/A				X
370	NO I.D.	PIPE LONG SEAM @ SW-1	PT	NDE 3.3	N/A				X
400	10"-362-4-SW-2	ELBOW TO PIPE	PT	NDE 3.3	N/A				X
410	NO I.D.	PIPE LONG SEAM @SW-2	PT	NDE 3.3	N/A				X
380	10-362-4-SW-1A	ELBOW LONG SEAM @ SW-1	PT	NDE 3.3	N/A				X
390	NO I.D.	ELBOW LONG SEAM @SW-2	PT	NDE 3.3	N/A				X

ZONE 62
SYSTEM HPSI 2B
ISO NO. 501-261

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
50	6"-SI-213-FW-1	PIPE TO VALVE V-3654	UT	NDE 5.4	UT-54	X			REPAIR WELD 1 1/2"d
51	6"-SI-213-FW-1	PIPE TO VALVE V-3654	PT	NDE 3.3	N/A	X			REPAIR WELD 1 1/2"d

ZONE 63
SYSTEM MAIN STEAM 2A1
ISO NO. 501-263

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
10	36"-MS-52-FW-1	NOZZLE TO ELBOW	UT	NDE 5.2	UT-45	X			
11	36"-MS-52-FW-1	NOZZLE TO ELBOW	MT	NDE 2.1	N/A				INACCESSIBLE
31	36"-MS-52-FW-1A	ELBOW-LONG SEAM	MT	NDE 2.2	N/A	X			2.5t OF LONG SEAM
50	36"-MS-52-FW-1B	ELBOW-LONG SEAM	UT	NDE 5.2	UT-45	X			2.5t OF LONG SEAM
150	34"-MS-28-1-SW-3	PIPE TO ELBOW	UT	NDE 5.2	UT-45	X			
51	36"-MS-52-FW-1B	ELBOW - LONG SEAM	MT	NDE 2.2	N/A	X			2.5t OF LONG SEAM
140	34"-MS-28-1-SW-3 1s	PIPE- LONG SEAM	UT	NDE 5.2	UT-45	X			2.5t OF LONG SEAM
141	34"-MS-28-1-SW-3 1s	PIPE - LONG SEAM	MT	NDE 2.2	N/A	X			2.5t OF LONG SEAM
180	34"-MS-28-1-SW-3B	ELBOW - LONG SEAM	UT	NDE 5.2	UT-45	X			2.5t OF LONG SEAM
160	34"-MS-28-1-SW-3A	ELBOW - LONG SEAM	UT	NDE 5.2	UT-45	X			
181	34"-MS-28-1-SW-3B	ELBOW - LONG SEAM	MT	NDE 2.2	N/A	X			2.5t OF LONG SEAM

ZONE 64
SYSTEM MAIN STEAM 2B1
ISO NO. 501-264

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
350	34"-MS-4101-315	SHEAR LUGS (4) t=1 1/4"	MT	NDE 2.2	N/A				X
310	34"-MS-29-3-SW-1A	ELBOW LONG SEAM @SW-1	UT	NDE 5.2	UT-45				X
360	34"-MS-29-FW-4	ELBOW TO PIPE	UT	NDE 5.2	UT-45				X
361	34"-MS-29-FW-4	ELBOW TO PIPE	MT	NDE 2.2	N/A				X
311	34"-MS-29-3-SW-1A	ELBOW LONG SEAM @SW-1	MT	NDE 2.2	N/A				X

ZONE 65
SYSTEM MAIN STEAM 2A (OC)
ISO NO. 501-265

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS NRI IN GEO OTHER	REMARKS
231	35.5"-MS-1-1-SW-1 1s	PIPE - LONG SEAM	MT	NDE 2.2	N/A	X	SRP 6.6
40	35.5"-MS-1-FW-1 1s	PIPE - LONG SEAM	UT	NDE 5.2	UT-44	X	SRP 6.6
230	35.5"-MS-1-1-SW-1 1s	PIPE - LONG SEAM	UT	NDE 5.2	UT-44	X	SRP 6.6
241	35"-MS-1-FW-2	PIPE TO VALVE (MSIV)	MT	NDE 2.1	N/A	X	

ZONE 78
SYSTEM SHUTDOWN COOLING 2B
ISO NO. 501-278

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS		REMARKS
						NRI	IN GEO OTHER	
10	12"-CS-14-1-SW-1	CS PUMP 2B FLANGE-REDUCER	RT	FPL	N/A	X		ACCEPT PERFORMED BY BACKFI

ZONE 82
SYSTEM LPSI PUMP 2B
ISO NO. 501-282

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ITEM NO.	IDENTIFICATION NUMBER	ITEM DESCRIPTION	EXAM METH	PROC NO	CAL BLK	INDICATIONS			REMARKS
						NRI	IN	GEO OTHER	
10	2B-1-1	WELDED SUPPORT	PT	NDE 3.3	N/A	X			
20	2B-1-2	WELDED SUPPORT	PT	NDE 3.3	N/A	X			
40	2B-1-4	PUMP TO FLANGE WELD	PT	NDE 3.3	N/A	X			