

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules page 1 of 27

Florida Power and Light Co. 9250 W. Flagler, Miami, Fla.

1. Owner _____
(Name and address of Owner)

St. Lucie Nuclear Power Plant (formerly Hutchinson Island),
P.O. Box 128, Ft. Pierce, Fl 33454

2. Plant _____
(Name and address of Plant)

3. Plant Unit 1

4. Owner Certificate of Authorization (if required) N/A

5. Commercial service date 21 DECEMBER 1976

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.	N/A	N/A	N/A
PRESSURIZER	COMBUSTION ENG	N/A	N/A	N/A
STM. GEN.	COMBUSTION ENG	N/A	N/A	N/A
RCP PUMP	COMBUSTION ENG	N/A	N/A	N/A
REACTOR COOLANT	EBASCO	N/A	N/A	N/A
SAFETY INJECTION	EBASCO	N/A	N/A	N/A
MAIN STEAM	EBASCO	N/A	N/A	N/A
FEEDWATER	EBASCO	N/A	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 3 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.

8408170237 840814
PDR ADOCK 05000335
PDR

SUPPLEMENTAL SHEET NIS-1

1. Owner: Florida Power & Light Co.
9250 West Flagler
Miami, Florida 33152
2. Plant: St. Lucie (formerly Hutchinson Island)
P.O. Box 128
Ft. Pierce, Florida 33454
3. Plant Unit : 1
4. Owner Certificate of Authorization : N/A
5. Commercial Service Date: 21 December 1976
6. National Board Number for Unit: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
CIG-PSL-001	FPL	INSERVICE INSPECTION VOLUME I THROUGH VOLUME II
	SWRI	MECHANIZED EXAMINATION VOLUME I THROUGH VOLUME V
ECT-PSL-001	FPL	EDDY CURRENT EXAMINATION OF STEAM GENERATORS
IR-ISI-035	CE	REACTOR VESSEL VISUAL INTERNAL AND INTERIOR EXAMINATION REPORT
MET-2-1984	FPL	FEEDWATER PIPING REPORT
PC/M 108-32	CE	RPV CLOSURE HEAD MODIFICATIONS
PC/A 254-183	FPL	FEEDWATER PIPING REPLACEMENT
SWRI 5179	SWRI	1984 INSERVICE INSPECTION REPORT VOLUME I THROUGH VI
IR-ISI-029	CE	RPV CORE SUPPORT BARREL NONDESTRUCTIVE EXAMINATION REPORT SECTION I THROUGH III

FORM NIS-2

SEE SUPPLEMENT SHEET, PAGE 6 OF 27

- 7. Description of work _____
- 8. Tests Conducted: Hydrostatic X Pneumatic ___ Nominal Operating Pressure
Other ___ Pressure 2340 psi Test Temp. 400 F
ICCS MODIFICATION TO THE REACTOR PRESSURE VESSEL CLOSURE
- 9. Remarks _____
(Applicable Manufacturer's Data Report to be attached)
HEAD, N2 DATA REPORT FOR THE RVLMS FLANGE ASSEMBLIES ARE ATTACHED

CERTIFICATE OF COMPLIANCE

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

Signed

George G. Gatto
(Owner or Owner's Designee)

PNS SECTION SUPERVISOR
(Title)

9 AUG 1984
(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 ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 9 AUGUST 1984 and state that to the best of my knowledge and belief, this repair or 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 8-9-84 *Charles A. Fells*
(Inspector)

NB-7719
Commissions FACTORY MUTUAL SYSTEMS
(State or Province, National Board)

** ARKWRIGHT BOSTON MFG'S MUTUAL INS. CO.

1. OWNER: FLORIDA POWER & LIGHT DATE: 9 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: ST. LUCIE UNIT: 1
P.O. BOX 128
FT. PIERCE, FLORIDA 33454
3. WORK COMBUSTION ENGINEERING JOB NO. PC/M 108-82
PERFORMED 1000 Prospect Hill Road
BY: EAST WINDSOR, CONNECTICUT
4. IDENTIFICATION REACTOR PRESSURE VESSEL HEAD
OF SYSTEM:
7. DESCRIPTION COMBUSTION ENGINEERING PERFORMED THE DESIGN AND
OF WORK: FABRICATION OF THE FLANGE ASSEMBLY.
- COMBUSTION ENGINEERING PERFORMED THE INSTALLATION
AND WELDING OF THE RVLMS FLANGE ASSEMBLY.
- COMBUSTION ENGINEERING PERFORMED THE INSTALLATION
OF THE INSTRUMENTATION LINES.
- COMBUSTION ENGINEERING PERFORMED THE STRESS ANALYSIS
ON THE RPV ICI FLANGES.
- COMBUSTION ENGINEERING PERFORMED VISUAL AND LIQUID
PENETRANT EXAMINATION ON THE BUTT WELDS.
- FPL PERFORMED THE HYDROSTATIC PRESSURE TESTS.
- FPL PLANT QC BACKFIT PERFORMED THE RADIOGRAPHIC
EXAMINATIONS.

1. (a) Manufactured by Combustion Engineering Inc., East Windsor, Connecticut - 3
(Name and address of Manufacturer of part)

(b) Manufactured for Florida Power and Light Co., St. Lucie Plant, Unit 1
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19367-150 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-165-011 Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly
Winter

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
Assembly. This appurtenance is attached by welding to a Closure Head Instrument
Nozzle.

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
 (The applicable Design Specification and Stress Report are not the responsibility of the part Manufacturer. An appurtenance Manufacturer is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date 2/23 19 83 Signed Combustion Eng. Inc. By K.C. Tolides
(Manufacturer) K.C. Tolides-Quality Control Mang.

Certificate of Authorization Expires April 7, 1984 Certificate of Authorization No. N2089

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Combustion Engineering Inc., East Windsor, Connecticut

Stress analysis report on file at Combustion Engineering Inc., East Windsor, Connecticut

Design specifications certified by D.J. McLaughlin Prof. Eng. State Ct. Reg. No. 7955

Stress analysis report certified by Frank P. Hill Jr. Prof. Eng. State Tenn Reg. No. 5275

CERTIFICATE OF SHOP 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 Hartford and employed by Hartford Steam Boiler I & I Co. of Hartford, Connecticut have inspected the part of a pressure vessel described in this Manufacturer's Partial Data Report on 2/23 19 83, and state that to the best of my knowledge and belief, the Manufacturer has constructed this part in accordance with the ASME Code Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Manufacturer's Partial 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 2/23 19 83

[Signature] Commissions CT 1126
Inspector's Signature National Board, State, Province and No.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1-2 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks".

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(Name and address of Manufacturer of part)

(b) Manufactured for Florida Power and Light Co., St. Lucie Plant, Unit 1
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19367-151 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-165-01 Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly
Winter

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
Assembly. This appurtenance is attached by welding to a Closure Head Instrument
Nozzle.

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Date 2/23 19 83

C. J. Jacobovskiy Commissions CT 1126
Inspector's Signature National Board, State, Province and No.

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(Name and address of Manufacturer of part)

(b) Manufactured for Florida Power and Light Co., St. Lucie Plant, Unit 1
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19367-152 Mat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-165-01 Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date Winter 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
Assembly. This appurtenance is attached by welding to a Closure Head Instrument
Nozzle.

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
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(Name and address of Manufacturer of part)

(b) Manufactured for Florida Power and Light Co., St. Lucie Plant, Unit 1
(Name and address of Manufacturer of completed nuclear component)

2. Identification-: Manufacturer's Serial No. of Part 19367-153 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-165-01 Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly
Winter

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
Assembly. This appurtenance is attached by welding to a Closure Head Instrument
Nozzle.

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(Name and address of Manufacturer of part)

(b) Manufactured for Florida Power and Light Co., St. Lucie Plant, Unit 1
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19367-154 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-165-01b Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly

Winter

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
Assembly. This appurtenance is attached by welding to a Closure Head Instrument
Nozzle.

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
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(b) Manufactured for Florida Power and Light Co., St. Lucie Plant, Unit 1
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19367-155 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-165-011 Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date 1980, Case No. N/A Class 1
Winter

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
Assembly. This appurtenance is attached by welding to a Closure Head Instrument
Nozzle.

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[Signature]
 Inspector's Signature

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(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19267-156 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-155-01 Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly
Winter

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
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Nozzle.

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(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 19267-157 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-19367-155-01b Drawing Prepared by Nuclear Products Manufacturing

(b) Description of Part Inspected Flange Adapter Assembly

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date Winter 1980, Case No. N/A Class 1

Remarks: Pressure Containment Appurtenance for an In Core Instrumentation Flange
(Brief description of service for which component was designed)
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Nozzle.

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

1. Owner FLORIDA POWER & LIGHT CO.
 name
 P.O. BOX 529100 MIAMI, FLORIDA 33152
 address
 ST. LUCIE

Date 9 AUGUST 1984

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1

2. Plant
 name
 P.O. BOX 128, FT. PIERCE, FL. 33454
 address

Unit

PC/M NO. 254-183

repair organization P.O. No.
 job No., etc.

3. Work Performed by SEE ATTACHED SUPPLEMENT
 name
 address

Type Code Symbol Stamp NONE
 Authorization no. N/A
 Expiration Date N/A

4. Identification of system STEAM GENERATOR FEEDWATER SYSTEM

5. (a) Applicable Construction Code SECTION III 1965 Edition,
 1967 WINTER ADDENDA & B31-7 1969 EDITION

(b) Applicable Edition of Section XI utilized for repairs or
 replacements 1974 EDITION TO SUMMER 1975

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)
FW NOZZLE SAFE END	CE	32583-1	N/A	N/A	18-BF-51	N/A	REPLACE-MENT	NO
	CE	32583-2	N/A	N/A	18-BF-52	N/A	REPLACE-MENT	NO
ELBOWS	HUB, INC	N/A	N/A	N/A	18-BF-51	N/A	REPLACE-MENT	NO
	HUB, INC	N/A	N/A	N/A	18-BF-52	N/A	REPLACE-MENT	NO

FORM NIS-2

SEE SUPPLEMENT SHEET, PAGE 24 OF 27

- 7. Description of work _____
- 8. Tests Conducted: Hydrostatic X Pneumatic ___ Nominal Operating Pressure
Other ___ Pressure 1250 psi Test Temp. 100 F
STEAM GENERATOR FEEDWATER NOZZLE SAFE END AND ELBOW
- 9. Remarks _____
(Applicable Manufacturer's Data Report to be attached)
REPLACEMENT. LOOP A & B

NOTE; NO MANUFACTURER'S DATA REPORTS ARE ATTACHED

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

George G. Stolt
(Owner or Owner's Designee)

PNS SECTION SUPERVISOR
(Title)

9 AUG 1984
(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 ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 9 AUGUST 1984 and state that to the best of my knowledge and belief, this repair or 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 8-9-84 *Charles G. Frullo*
(Inspector)

NB-7719
Commissions FACTORY MUTUAL SYSTEMS
(State or Province, National Board)

** ARKWRIGHT BOSTON MFG'S MUTUAL INS. CO.

1. OWNER: FLORIDA POWER & LIGHT DATE: 9 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: ST. LUCIE UNIT: 1
P.O. BOX 128
FT. PIERCE, FLORIDA 33454
3. WORK PERFORMED BY: SEE BELOW DESCRIPTION JOB NO. PC/M 254-183
4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR FEEDWATER NOZZLE SAFE END AND ELBOWS REPLACEMENT
7. DESCRIPTION OF WORK:
- COMBUSTION ENGINEERING PERFORMED THE DESIGN AND FABRICATION OF THE SAFE END SPOOL PIECE. (ASME SA-106, GRADE C) I.D. 15.812", O.D. 18.12"
- COMBUSTION ENGINEERING PERFORMED THE ENGINEERING SUPPORT OF THIS REPLACEMENT.
- COMBUSTION ENGINEERING PERFORMED THE FINAL STRESS ANALYSIS.
- HUB, INC. PROVIDED THE (2) EACH 18" SCHEDULE 80, 90 DEGREE LONG RADIUS ELBOWS. (ASTM A-234, GRADE WPB)
- BECHTEL ENGINEERING PERFORMED THE WELDING ON THE REPLACEMENT COMPONENTS.
- FPL PERFORMED THE HYDROSTATIC PRESSURE TESTS.
- FPL CODES & INSPECTIONS PERFORMED THE BASELINE EXAMINATIONS PRIOR TO STARTING UP THE PLANT.

CORE BARREL EXAMINATION
SUMMARY REPORT

PAGE 25 OF 27

1. OWNER: FLORIDA POWER & LIGHT DATE: 9 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: ST. LUCIE UNIT: 1
P.O. BOX 128
FT. PIERCE, FLORIDA 33454
3. WORK COMBUSTION ENGINEERING, INC JOB NO. PC/M 037-184
PERFORMED 1000 PROSPECT HILL ROAD
BY: EAST WINDSOR, CONNECTICUT
4. IDENTIFICATION REACTOR PRESSURE VESSEL, CORE BARREL
OF SYSTEM:
7. DESCRIPTION PRECISION CUTTING, INC. PERFORMED THE MACHINING OF
OF WORK: THE EXTERIOR SURFACE OF THE CORE BARREL
- COMBUSTION ENGINEERING PERFORMED THE ENGINEERING
SUPPORT OF THIS ACTIVITY AND PERFORMED THE EXAMINATIONS
OF THE CORE BARREL. REPORT NO IR-ISI-029 DETAILS
THOSE EXAMINATIONS THAT WERE PERFORMED. THE REPORT
IS DIVIDED INTO 3 SECTIONS.

SECTION	INTERVAL OF EXAMINATIONS	SECTION TITLE
I	JULY 1983 TO OCTOBER 1983	PRE REPAIR EXAMINATIONS
II	SEPTEMBER 1983 TO DECEMBER 1983	INPROCESS EXAMINATIONS
III	FEBRUARY 1984	FINAL EXAMINATIONS

COMBUSTION ENGINEERING REMOVED THE THERMAL SHIELD

SECTION I - DETAILS THE EXAMINATIONS OF THE PSL-1 CORE BARREL. EACH LUG AREA WAS EXAMINED VISUALLY, AND MAPPED WITH EDDY CURRENT TECHNIQUES FOR LOCATING SURFACE FLAWS. THEN THESE AREAS WERE ULTRASONICALLY EXAMINED TO DETERMINE THE DEPTH OF THESE INDICATIONS.

THE VISUAL EXAMINATION COVERED THE ENTIRE CORE SUPPORT BARREL THAT HAD BEEN COVERED BY THE THERMAL SHIELD, INCLUDING AN AREA 6" BELOW THE THERMAL SHIELD.

SECTION II - INPROCESS EXAMINATIONS REFER'S TO THOSE NONDESTRUCTIVE EXAMINATIONS PERFORMED AS PART OF THE MACHINING OPERATION.

SECTION III - THE FINAL VISUAL EXAMINATION WAS PERFORMED AFTER THE COMPLETION OF THE REPAIR. THE VISUAL EXAMINATIONS COVERED THE MACHINE LUG AREAS, AND THE MECHANICALLY ATTACHED PLUGS AND PATCHES AND AN AREA BETWEEN AND IMMEDIATELY ADJACENT TO

THE PLUGS AND PATCHES.

THE RESULTS WERE DOCUMENTED ON VIDEO TAPES AND PHOTOGRAPHS.

THE RESULTS ARE AS FOLLOWS:

- 1) NO NEW CRACKS OR CRACK LIKE INDICATIONS WERE DISCOVERED AS A RESULT OF THE INSTALLATION OF THE PLUGS AND PATCHES.
- 2) KNOWN CRACKS OR CRACK LIKE INDICATIONS WITHIN THE REPAIRED AREA WERE EXAMINED AND DOCUMENTED.
- 3) NICKS, SCRATCHES AND SHINY AREAS AROUND THE REPAIRED AREA WERE NOTED FOR FUTURE REFERENCE.

CERTIFICATE OF COMPLIANCE

To certify that the statements made in this report are correct and the examinations performed were in accordance with Section XI of the ASME Code.

Signed *George J. Jett* PNS SECTION SUPERVISOR 9 AUG 1984
(Owner or Owner's Designee) (Title) (Date)

EDDY CURRENT EXAMINATION RESULTS

PLANT: ST. LUCIE UNIT NO. 1

EXAMINATION DATES: FROM 8 MARCH 1984 THRU 5 APRIL 1984

STEAM GEN. NO.	TOTAL TUBES INSPECTED	TOTAL INDICATION > OR = TO 20% TO 39%	TOTAL INDICATION > OR = TO 40% TO 100%	TOTAL TUBES PLUGGED AS PREVENTIVE MAINTAINANCE	TUBES PLUGGED IN ERROR	TOTAL TUBES PLUGGED
SG 1A	100%	81	45	136	1	263
SG 1B	100%	104	14	122	3	243

LOCATION OF INDICATIONS

STEAM GEN.	APEX OF U-BENDS	EGGCRATES 1 THRU 5	TOP OF TUBE SHEET TO 1 ST. EGGCRATE	DRILLED SUPPORT PLATE
SG 1A	64	20	17	25
SG 1B	91	11	4	12

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 9 AUGUST 1984

BY

George Poter

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules page 1 of 2

=====

Florida Power and Light Co. 9250 W. Flagler, Miami, Fla.

1. Owner _____
 (Name and address of Owner)

St. Lucie Nuclear Power Plant (formerly Hutchinson Island),
 P.O. Box 128, Ft. Pierce, Fl 33454

2. Plant _____
 (Name and address of Plant)

3. Plant Unit 1

4. Owner Certificate of Authorization (if required) N/A

5. Commercial service date 21 DECEMBER 1976

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.	N/A	N/A	N/A
PRESSURIZER	COMBUSTION ENG	N/A	N/A	N/A
STM. GEN.	COMBUSTION ENG	N/A	N/A	N/A
REACTOR COOLANT	EBASCO	N/A	N/A	N/A
SAFETY INJECTION	EBASCO	N/A	N/A	N/A
MAIN STEAM	EBASCO	N/A	N/A	N/A
FEEDWATER	EBASCO	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.

FORM NIS-1 (back)

- 8. Examination Dates 3-2-83 to 5-16-84
- 9. Inspection Interval from 6 2/3 YEARS to 10 YEARS
- 10. Abstract of Examination. Include a list of examinations and a statement concerning status of work required for current interval.

This report satisfies the first outage of the last period of commercial operation. (see SWRI FINAL REPORT 5179)

- 11. Abstract of Conditions Noted.

See SWRI Report 5179 " 1984 Inservice Inspection Report Vol 1 - 6 "

- 12. Abstract of Corrective Measures Recommended and Taken.

ALL AREAS REQUIRING CORRECTIVE ACTIONS WERE DISPOSITIONED

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 9 AUGUST 1984 Signed FLORIDA POWER & LIGHT CO By [Signature]
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 _____* _____ of NORWOOD, MASS have inspected the components described in this Owners' Data Report during the period 3-2-83 to 5-16-84, 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 8-9 1984 _____ FACTORY MUTUAL SYSTEM
[Signature] Commissions NB-7719
Inspector's Signature National Board, state, Province and No.

* ARKWRIGHT BOSTON MFG'S MUTUAL INSURANCE COMPANY