

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

PAGE 1 OF 33

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

1. Owner

(Name and address of Owner)

Turkey Point Nuclear Power Plant
P.O. Box 3088, FLORIDA CITY, FL 33034

2. Plant

(Name and address of Plant)

3. Plant Unit 4

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

5. Commercial service date 7 SEPTEMBER 1973

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	B & W	4PSRV1	N/A	N/A
RCS PIPING	BECHTEL	N/A	N/A	N/A
AUX SPRAY	BECHTEL	N/A	N/A	N/A
SIS PIPING	BECHTEL	N/A	N/A	N/A
RHR PIPING	BECHTEL	N/A	N/A	N/A
BORON INJECTION	BECHTEL	N/A	N/A	N/A
STEAM GENERATOR	WESTINGHOUSE	16A-6341-3	N/A	772
PRESSURIZER	WESTINGHOUSE	4T200	N/A	
REG. HT. EXCHANG	SENTRY EQUIP	4E200	N/A	
FEEDWATER PIPING	BECHTEL	N/A	N/A	N/A
MAIN STEAM	BECHTEL	N/A	N/A	N/A
BLowDOWN	BECHTEL	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.

8409100195 840904
PDR ADDCK 05000251
PDR

FORM NIS-1 (back)

8. Examination Dates 6 MARCH 1984 to 1 JUNE 1984
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.
THESE EXAMINATIONS CONSTITUTES THE LAST OUTAGE OF THE THRID PERIOD OF THE FIRST INSPECTION INTERVAL OF COMMERCIAL OPERATION
11. Abstract of Conditions Noted.
 11 CONDITIONS NOTED BY VISUAL EXAMINATION, 6 CONDITIONS NOTED BY LIQUID PENETRANT EXAMINATION, 4 CONDITIONS NOTED BY ULTRASONIC EXAMINATION, AND 35 CONDITIONS WERE NOTED DURING THE 10-YEAR HYDRO EXAMINATIONS.
12. Abstract of Corrective Measures Recommended and Taken.
 ALL CONDITIONS NOTED WERE EVALUATED AND DISPOSITIONED BY FP&L, AND THOSE REQUIRING CORRECTIVE ACTION WAS REPAIRED IN ACCORDANCE WITH PLANT PROCEDURES.

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 8/29 19 84 Signed FLORIDA POWER & LIGHT CO. By George J. Gode
 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 DADE CTY., FL and employed by ** of ROCKWOOD, MASS have inspected the components described in this Owners' Data Report during the period 6 MARCH 1984 to 1 JUNE 1984, 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 8/30 19 84

FACTORY MUTUAL SYSTEM

D. Boyer Commissions COMM NO. 4956
 Inspector's Signature National Board, state, Province and No.

**** ARKRIGHT BOSTON MFG'S MUTUAL INSURANCE COMPANY**

SUPPLEMENTAL SHEET NIS-1

1. Owner: Florida Power & Light Co.
9250 West Flagler
Miami, Florida 33152
2. Plant: TURKEY POINT
P.O. Box 3088
FLORIDA CITY, Florida 33034
3. Plant Unit : 4
4. Owner Certificate of Authorization : N/A
5. Commercial Service Date: 7 SEPTEMBER 1973
6. National Board Number for Unit: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
CIS-PTP-84-001	FPL	INSERVICE INSPECTION VOLUME I
SG-84-06-024	WESTINGHOUSE	EDDY CURRENT EXAMINATION OF STEAM GENERATORS
SWRI 4520	SWRI	INSERVICE INSPECTION REPORT VOLUME I THROUGH VOLUME V
SWRI 4520	SWRI	1984 HYDROSTATIC EXAMINATION REPORT VOLUME I
PC/M 78-102B	FP&L	STEAM GENERATOR BLOWDOWN RECOVERY SYSTEM
PC/M 80-83	FP&L	CVCS PUMP REPLACEMENT
PC/M 80-120	FP&L	CVCS RECIRCULATION LINE
PC/M 82-20	FP&L	CONTAINMENT SPRAY RECIRC. LINE
PC/M 82-161	FP&L	PRESSURIZER SPRAY LINE
PC/M 82-312	FP&L	AUXILIARY STEAM SUPPLY
PC/M 83-91	FP&L	SERVICE AIR
PC/M 83-133	FP&L	CVCS VALVE REPLACEMENT
PC/M 84-80	FP&L	FEEDWATER REPLACEMENT
PWO 0482/0547	FP&L	S.G. WET LAY UP

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
TURKEY POINT PLANT

Date 27 AUGUST 1984

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4

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit
PC/M NO. 78-102B
repair organization P.O. No.
job No., etc.

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

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

4. Identification of system STEAM GENERATOR BLOWDOWN

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Ed. No.	Crn No.	Other Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes,nc)
SEE SUPPLEMENT SHEET PAGE 6 OF 33								

FORM NIS-2

7. Description of work: INSTALLED BYPASS LINE AROUND ISOLATION VALVE
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 P. Pate
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/15, 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 8/30/84 *R. J. Boyer*
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 6 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 78-102B
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR BLOWDOWN
7. DESCRIPTION OF WORK: INSTALLED 3/4" SCHEDULE 160S BYPASS LINE AROUND
ISOLATION VALVE FROM STEAM GENERATOR'S 4E210A,
4E210B AND 4E210C BLOWDOWN RECOVERY SYSTEM.

SPECIFIC DETAILS ARE FOUND IN THE COMPLETED (PC/M)
PLANT CHANGE MODIFICATION PACKAGE, WHICH IS ON FILE
AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING
OF THE BYPASS LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 7 of 33

address
TURKEY POINT

4

2. Plant

Unit

name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 80-83

address

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

3. Work

BECA TEL POWER CORP

Type Code Symbol Stamp NONE

Performed 15740 Shady Grove Road
Gaithersburg, Maryland 20760

Authorization no. N/A
Expiration Date N/A

address

4. Identification of system CHEMICAL & VOLUME CONTROL

5. (a) Applicable Construction Code

331.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 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 Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes, no)
PUMP	GOULD	N715C1-40-1	N/A	N/A	4P203A	N/A	REPLACE MENT	NO
PUMP	GOULD	N715C1-40-2	N/A	N/A	4P203B	N/A	REPLACE MENT	NO

FORM NIS-2

7. Description of work REPLACE EXISTING BORIC ACID TRANSFER PUMPS
MODIFICATION OF SUCTION & DISCHARGE PIPING

8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 190 psi Test Temp. 85 F

9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

CERTIFICATE OF COMPLIANCE

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

Signed

[Signature]
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS. have
inspected the REPLACEMENT/MODIFICATION described in this report on
4/21, 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 8/30/84 *[Signature]*
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



NIS-2 SUPPLEMENTAL SHEET

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1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 80-83
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION OF SYSTEM: CHEMICAL AND VOLUME CONTROL
7. DESCRIPTION OF WORK: REPLACE BORIC ACID TRANSFER (CRANS GE-20K) PUMPS
WITH (GOULD 3196) PUMPS. PERFORMED MODIFICATION TO
3" SCHEDULE 10S INLET PIPING AND 2" SCHEDULE 10S
OUTLET PIPING.

SPECIFIC DETAILS ARE FOUND IN THE COMPLETED PC/M
PACKAGE WHICH IS ON FILE AT THE SITE DOCUMENT CONTROL
SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 10 of 33

address

TURKEY POINT

4

2. Plant

Unit

name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 80-120

address

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

3. Work

BECHTEL POWER CORP

Type Code Symbol Stamp NONE

Performed 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system CHEMICAL & VOLUME CONTROL

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 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 Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes,no)
		SEE SUPPLEMENTAL SHEET PAGE 12 OF 33						



FORM NIS-2

7. Description of work MODIFICATION OF CHARGING PUMP RECIRCULATION LINE
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
- Other Pressure 3010 psi Test Temp. 80 F DISCHARGE
 Pressure 85 psi test temp 80 F SUCTION
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
 1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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

[Signature]
 (Owner or Owner's Designee)

SECTION SUPERVISOR
 (Title)

8/29/84
 (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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have
 inspected the MODIFICATION described in this report on
4/28, 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 *8/30/84*

[Signature]
 (Inspector)

DADE CTY.COMM.NO.4956
 Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
 Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 12 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 80-120
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION OF SYSTEM: CHEMICAL AND VOLUME CONTROL
7. DESCRIPTION OF WORK: MODIFICATION TO THE CHARGING PUMP 4P201A, B, & C.
THIS MODIFICATION REQUIRED THE INSTALLATION OF
(3) 2" CHECK VALVES, (4) 2" GLOBE VALVES AND (1)
CONTROL VALVE, PLUS ASSOCIATED PIPING (2" SCHEDULE
160) FROM THE CHARGING PUMPS 4P201A, 4P201B, AND
4P201C AND TIES INTO THE LETDOWN LINE GOING TO THE
VOLUME CONTROL TANK 4T203.
- SPECIFIC DETAILS OF THIS MODIFICATION ARE INCLUDED
IN THE COMPLETED PC/M PACKAGE AND IS ON FILE AT
THE SITE DOCUMENT CONTROL SECTION.
- BECHTEL POWER CORP. PERFORMED THE WELDING
OF THE RECIRCULATION LINE.
- STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.
- FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.

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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

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address
TURKEY POINT

4

2. Plant

Unit

name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 82-20

address

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

3. Work

BECHTEL POWER CORP

Type Code Symbol Stamp NONE

Performed 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system CONTAINMENT SPRAY

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 ADDENDA

6. Identification of components repaired or replaced and replacement
components

name of Component	name of Mfr.	Mfr's. Ser. No.	Nat'l Bd. No.	Crm No.	Other Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes,no)

SEE ATTACHED SUPPLEMENTAL SHEET 15 OF 33



FORM NIS-2

7. Description of work: MODIFICATION TO CONTAINMENT SPRAY PUMP
RECIRCULATION LINE PIPING
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 2190 psi Test Temp. 90 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 J. Stoh
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/11, 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 8/30/84

D. J. Boyer
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 15 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 82-20
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: CONTAINMENT SPRAY

7. DESCRIPTION OF WORK: THIS MODIFICATION PROVIDED FOR A RECIRCULATION TEST LINE FOR EACH CONTAINMENT SPRAY PUMP. INSTALLATION OF (3) 2" GLOBE VALVES, (2) 2" CHECK VALVES AND ASSOCIATED PIPING 2" SCHEDULE 80S, ORIGINATING AT A POINT UPSTREAM OF MOV-980 A AND MOV-880B AND TERMINATING AT A POINT UPSTREAM OF CHECK VALVE 874D. SPECIFIC DETAILS OF THIS MODIFICATION CAN BE FOUND IN THE COMPLETED PC/M PACKAGE WHICH IS ON FILE AT THE PLANT DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING OF THE RECIRCULATION LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 16 of 33

address

TURKEY POINT

4

2. Plant

Unit

name

P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 82-161

address

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system PRESSURIZER SPRAY LINE

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 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 Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes,no)
VALVE	COPEL VULCAN	N/A	N/A	N/A	4-572	N/A	MODIFICA TION	NO
VALVE	COPEL VULCAN	N/A	N/A	N/A	4-573	N/A	MODIFICA TION	NO



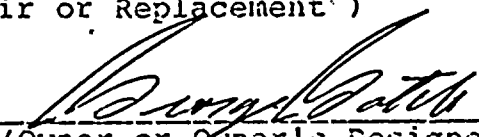
FORM NIS-2

7. Description of work RELOCATED VALVES PCV-455A AND PVC-455B TO THE 14' ELEVATION, ADDED NEW VALVES 4-572 & 4-573
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 2335 psi Test Temp. 547 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI, 1980 EDITION THROUGH THE WINTER 1981 ADDENDA
(Applicable Manufacturer's Data Report to be 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


(Owner or Owner's Designee)

 SECTION SUPERVISOR
(Title)

 8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/27, 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 8/30/84


(Inspector)

 DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

 (State or Province, National
Board)



NIS-2 SUPPLEMENTAL SHEET

PAGE 18 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 82-161
4. IDENTIFICATION OF SYSTEM: PRESSURIZER SPRAY LINE
7. DESCRIPTION OF WORK:
RELOCATED PRESSURIZER SPRAY VALVES PCV-455A AND PCV-455B TO THE 14' ELEVATION. INSTALLED (2) 4" COPES VULCAN VALVES AND ASSOCIATED PIPING. SPECIFIC DETAILS OF THIS MODIFICATION ARE ON FILE IN THE COMPLETED PC/M PACKAGE AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING OF THE BYPASS LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.

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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 19 of 33

address

TURKEY POINT

4

2. Plant

Unit

name

P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 82-312

address

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

3. Work

BECHTEL POWER CORP

Type Code Symbol Stamp NONE

Performed 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system AUXILIARY STEAM SUPPLY TO AFW PUMP

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 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)
VALVE	PACIFIC	N/A	N/A	N/A	4-10-119	N/A	REPLACE MENT	NO
VALVE	PACIFIC	N/A	N/A	N/A	4-10-219	N/A	REPLACE MENT	NO
VALVE	PACIFIC	N/A	N/A	N/A	4-10-319	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACE EXISTING VALVES WITH NEW VALVES, MODIFIED PIPING CONFIGURATION
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI, 1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 Nottel
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84

D. C. Boyer
(Inspector)

DADE CTY. COMM. NO. 4956.
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 21 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 82-312
4. IDENTIFICATION OF SYSTEM: AUXILIARY STEAM SUPPLY
7. DESCRIPTION OF WORK: INSTALLED (3) PACIFIC VALVES AND REMOVED EXISTING VALVES. SPECIFIC DETAILS OF THIS WORK CAN BE FOUND IN THE COMPLETED PC/M PACKAGE AND IS ON FILE AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 22 of 33

address

TURKEY POINT

4

2. Plant

Unit

name

P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 83-91

address

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

3. Work

BECHTEL POWER CORP

Type Code Symbol Stamp NONE

Performed 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system SERVICE AIR TO CONTAINMENT (PENETRATION 34)

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 ADDENDA

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Crm No.	Other Identification	Year Built	Repaired or replacement	ASME Code stamped (yes, no)
CHECK VALVE	ROCK WELL	N/A	N/A	N/A	4-40-205	N/A	REPLACEMENT	NO



FORM NIS-2

7. Description of work: REPLACED EXISTING VALVE WITH NEW CHECK VALVE
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 157 psi Test Temp. 75 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1960 EDITION THROUGH THE WINTER 1981 ADDENDA

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 M. Stet
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 4/30, 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 8/30/84 *D. Boyer*
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 24 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 83-91
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION SERVICE AIR TO CONTAINMENT
OF SYSTEM:
7. DESCRIPTION REPLACE EXISTING VALVE WITH (1) ROCKWELL CHECK VALVE.
OF WORK: SPECIFIC DETAILS OF THIS REPLACEMENT CAN BE FOUND IN
THE COMPLETED PC/M PACKAGE WHICH IS OF FILE AT THE
PLANT DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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
TURKEY POINT

Date 27 AUGUST 1984

sheet 25 of 33

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 83-133

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system CHEMICAL & VOLUME CONTROL (CVCS)

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE
(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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)
VALVE	XOMOX	N/A	N/A	N/A	FCV-4-113B	N/A	REPLACE MENT	NO
VALVE	XOMOX	N/A	N/A	N/A	FCV-4-114B	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACED EXISTING DIAPHRAM VALVES WITH PLUG VALVES
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 165 psi Test Temp. 85 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 Smith
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/18, 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 8/30/84

D. E. Boyer
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 27 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 83-133
4. IDENTIFICATION OF SYSTEM: CHEMICAL & VOLUME CONTROL
7. DESCRIPTION OF WORK: REPLACE EXISTING DIAPHRAM VALVES WITH (2) XOMOX
PLUG VALVES. SPECIFIC DETAILS CAN BE FOUND IN THE
COMPLETED PC/M PACKAGE WHICH IS ON FILE AT THE
SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L. (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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
TURKEY POINT

Date 27 AUGUST 1984

sheet 28 of 33

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 84-80

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system MAIN FEEDWATER

5. (a) Applicable Construction Code
SECTION III 1974 EDITION SUMMER 1976 ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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 Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes,no)

SEE SUPPLEMENTAL SHEET 30 OF 33



FORM NIS-2

7. Description of work: REPLACED 18"X4" REDUCER IN STEAM GENERATOR
4E201A AND 4E201C
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 120 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 A. [Signature]
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84 *D. Boyer*
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS
(State or Province, National Board)

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

NIS-2 SUPPLEMENTAL SHEET

PAGE 30 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 84-80
4. IDENTIFICATION OF SYSTEM: MAIN FEEDWATER SYSTEM
7. DESCRIPTION OF WORK: REMOVE EXISTING 18" X 14" REDUCER ON STEAM GENERATOR
MAIN FEEDWATER SYSTEM 4E210A AND 4E210C.
INSTALL NEW 18" X 14" CONCENTRIC REDUCER SA 234 GRADE
WPB. SPECIFIC DETAILS CAN BE FOUND IN THE COMPLETED
PC/M PACKAGE, WHICH IS ON FILE AT THE PLANT DOCUMENT
CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS AND THE BASELINE VOLUMETRIC EXAMINATIONS
OF THE NEW WELDS.





FORM NIS-2

7. Description of work: REPLACE EXISTING VALVE WITH NEW VALVES
8. Tests Conducted: Hydrostatic X Pneumatic__ Nominal Operating Pressure
Other__ Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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


(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84


(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK PERFORMED BY: FLORIDA POWER & LIGHT CO. JOB NO. PWO 0482
AND 0547
4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR A AND B WET LAYUP LINE
7. DESCRIPTION OF WORK: REPLACE EXISTING VALVES WITH (2) VOGT GATE VALVES.
SPECIFIC DETAILS CAN BE FOUND IN THE COMPLETED
PWO PACKAGE, WHICH IS ON FILE AT THE PLANT DOCUMENT
CONTROL SECTION.
- FP&L PLANT MAINTENANCE PERFORMED THE WELDING
OF THE BYPASS LINE.
- FP&L PLANT QC PERFORMED THE INPROCESS
EXAMINATIONS.
- FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



EDDY CURRENT EXAMINATION RESULTS

PLANT: TURKEY POINT UNIT NO. 4

EXAMINATION DATES: FROM 4 MAY 1984 THRU 15 MAY 1984

STEAM GEN. NO.	TOTAL TUBES INSPE- CTED	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 A	211	NONE	NONE	NONE	NONE	NONE
SG B	162	NONE	NONE	NONE	NONE	NONE
SG C *						
HL	502	NONE	NONE	NONE	NONE	NONE
CL	500					

NOTE: * PARTIAL EXAMINATIONS OF BULGED REGIONS
AT THE TOP OF THE TUBE SHEET

LOCATION OF INDICATIONS

STEAM GENERATOR	APEX OF U-BENDS	DRILLED SUPPORT 1 THRU 4	TOP OF TUBE SHEET TO 1 DRILLED SUPPORT
SG A	NONE	NONE	NONE
SG B	NONE	NONE	NONE
SG C	NONE	NONE	NONE

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)

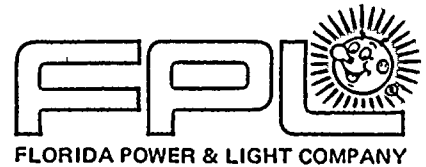
DATE 30 AUGUST 1984

BY

George D. Dato

PNS-SECTION SUPERVISOR, CIS





September 4, 1984
L-84-228

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

RE: Turkey Point Unit 4
Docket No. 50-251
Inservice Inspection Report

Please find attached the Owner's Data Report for Inservice Inspection (Form NIS-1) which is submitted in accordance with the provisions of the ASME Code for Turkey Point Unit 4. Included as part of the report is the Owner's Data Report of Repairs or Replacement (Form NIS-2).

Should you or your staff have any questions concerning this report, please contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J.W. Williams, Jr.", is written over the typed name.

J.W. Williams, Jr.
Group Vice President
Nuclear Energy Department

JWW/PLP/djc

Attachment

cc: J.P. O'Reilly, Region II
Harold F. Reis, Esquire
PNS-LI-310



FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the provisions of the ASME Code Rules PAGE 1 OF 33

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

1. Owner

(Name and address of Owner)

Turkey Point Nuclear Power Plant
P.O. Box 3088, FLORIDA CITY, FL 33034

2. Plant

(Name and address of Plant)

3. Plant Unit 44. Owner Certificate of Authorization (if required) N/A5. Commercial service date 7 SEPTEMBER 19736. 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	B & W	4PSRV1	N/A	N/A
RCB PIPING	BECHTEL	N/A	N/A	N/A
AUX SPRAY	BECHTEL	N/A	N/A	N/A
SIS PIPING	BECHTEL	N/A	N/A	N/A
RRR PIPING	BECHTEL	N/A	N/A	N/A
BORON INJECTION	BECHTEL	N/A	N/A	N/A
STEAM GENERATOR	WESTINGHOUSE	16A-6341-3	N/A	772
PRESSURIZER	WESTINGHOUSE	4T290	N/A	
REG. HT. EXCHANG	SENTRY EQUIP	4E200	N/A	
FEEDWATER PIPING	BECHTEL	N/A	N/A	N/A
MAIN STEAM	BECHTEL	N/A	N/A	N/A
BLOWDOWN	BECHTEL	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.



FORM NIS-1 (back)

8. Examination Dates 6 MARCH 1984 to 1 JUNE 19849. 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.
 THESE EXAMINATIONS CONSTITUTES THE LAST OUTAGE OF THE THRID PERIOD OF THE FIRST INSPECTION INTERVAL OF COMMERCIAL OPERATION

11. Abstract of Conditions Noted.

11 CONDITIONS NOTED BY VISUAL EXAMINATION, 6 CONDITIONS NOTED BY LIQUID PENETRANT EXAMINATION, 4 CONDITIONS NOTED BY ULTRASONIC EXAMINATION, AND 35 CONDITIONS WERE NOTED DURING THE 10-YEAR HYDRO EXAMINATIONS.

12. Abstract of Corrective Measures Recommended and Taken.

ALL CONDITIONS NOTED WERE EVALUATED AND DISPOSITIONED BY FP&L, AND THOSE REQUIRING CORRECTIVE ACTION WAS REPAIRED IN ACCORDANCE WITH PLANT PROCEDURES.

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 8/29 19 84 Signed FLORIDA POWER & LIGHT CO. By George P. H.
 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 DADE CTY., FL and employed by ** of NORWOOD, MASS have inspected the components described in this Owners' Data Report during the period 6 MARCH 1984 to 1 JUNE 1984, 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 8/30 19 84

FACTORY MUTUAL SYSTEM

D. Boyer
 Inspector's Signature

Commissions COMM NO. 4956

National Board, state, Province and No.

** ARKRIGHT BOSTON MFG'S MUTUAL INSURANCE COMPANY



1. Owner: Florida Power & Light Co:
9250 West Flagler
Miami, Florida 33152
2. Plant: TURKEY POINT
P.O. Box 3088
FLORIDA CITY, Florida 33034
3. Plant Unit : 4
4. Owner Certificate of Authorization : N/A
5. Commercial Service Date: 7 SEPTEMBER 1973
6. National Board Number for Unit: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
CIS-PTP-84-001	FPL	INSERVICE INSPECTION VOLUME I
SG-84-06-024	WESTINGHOUSE	EDDY CURRENT EXAMINATION OF STEAM GENERATORS
SWRI 4520	SWRI	INSERVICE INSPECTION REPORT VOLUME I THROUGH VOLUME V
SWRI 4520	SWRI	1984 HYDROSTATIC EXAMINATION REPORT VOLUME I
PC/M 78-102B	FP&L	STEAM GENERATOR BLOWDOWN RECOVERY SYSTEM
PC/M 80-83	FP&L	CVCS PUMP REPLACEMENT
PC/M 80-120	FP&L	CVCS RECIRCULATION LINE
PC/M 82-20	FP&L	CONTAINMENT SPRAY RECIRC. LINE
PC/M 82-161	FP&L	PRESSURIZER SPRAY LINE
PC/M 82-312	FP&L	AUXILIARY STEAM SUPPLY
PC/M 83-91	FP&L	SERVICE AIR
PC/M 83-133	FP&L	CVCS VALVE REPLACEMENT
PC/M 84-80	FP&L	FEEDWATER REPLACEMENT
PWO 0482/0547	FP&L	S.G. WET LAY UP

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

Date 27 AUGUST 1984

sheet 4 of 33

address
TURKEY POINT PLANT

2. Plant name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4
PC/M NO. 78-102B

address

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

address

4. Identification of system STEAM GENERATOR BLOWDOWN

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nac'l Bd. No.	Crm No.	Other Ident- ifica- tion	Year Built	Repaired or repl- acement	ASME Code stamped (yes,no)

SEE SUPPLEMENT SHEET PAGE 6 OF 33



FORM NIS-2

7. Description of work: INSTALLED BYPASS LINE AROUND ISOLATION VALVE
8. Tests Conducted: Hydrostatic X Pneumatic__ Nominal Operating Pressure
Other__ Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 P. Piteo
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of WORMWOOD, MASS have
inspected the MODIFICATION described in this report on
5/15, 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 8/30/84 D. J. Boyer
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 78-102B
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR BLOWDOWN

7. DESCRIPTION OF WORK: INSTALLED 3/4" SCHEDULE 160S BYPASS LINE AROUND
ISOLATION VALVE FROM STEAM GENERATOR'S 4E210A,
4E210B AND 4E210C BLOWDOWN RECOVERY SYSTEM.

SPECIFIC DETAILS ARE FOUND IN THE COMPLETED (PC/M)
PLANT CHANGE MODIFICATION PACKAGE, WHICH IS ON FILE.
AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING
OF THE BYPASS LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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

Date 27 AUGUST 1984

sheet 7 of 33

address
TURKEY POINT

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4

PC/M NO. 80-83

address

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

3. Work BECA TEL POWER CORP
Performed 15740 Shady Grove Road
Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

address

4. Identification of system CHEMICAL & VOLUME CONTROL

5. (a) Applicable Construction Code
331.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	Crn No.	Other Identification	Year Built	Repaired Replaced or replacement	ASME Code stamped (yes, no)
PUMP	GOULD	N715C1-40-1	N/A	N/A	4P203A	N/A	REPLACE MENT	NO
PUMP	GOULD	N715C1-40-2	N/A	N/A	4P203B	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work REPLACE EXISTING BORIC ACID TRANSFER PUMPS
MODIFICATION OF SUCTION & DISCHARGE PIPING
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 190 psi Test Temp. 85 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

CERTIFICATE OF COMPLIANCE

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

Signed

[Signature]
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have
inspected the REPLACEMENT/MODIFICATION described in this report on
4/21, 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 8/30/84 *[Signature]*
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.

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.

Date 27 AUGUST 1984

name

P.O. BOX 529100 MIAMI, FLORIDA 33152

address

TURKEY POINT

2. Plant

name

P.O. BOX 3088 FLORIDA CITY, FL. 33034

address

sheet 10 of 33

4

Unit

PC/M NO. 80-120

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

3. Work

BECHTEL POWER CORP

Performed 15749 Shady Grove Road

BY: Gaithersburg, Maryland 20760

address

Type Code Symbol Stamp NONE

Authorization no. N/A

Expiration Date N/A

4. Identification of system CHEMICAL & VOLUME CONTROL

5. (a) Applicable Construction Code

B31.1

1967 EDITION

N/A ADDENDA

N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION

SUMMER 1975 ADDENDA

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Std. No.	Cra No.	Other Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes, no)

SEE SUPPLEMENTAL SHEET PAGE 12 OF 33

FORM NIS-2

7. Description of work MODIFICATION OF CHARGING PUMP RECIRCULATION LINE
8. Tests Conducted: Hydrostatic_X__ Pneumatic__ Nominal Operating Pressure
 Other__ Pressure 3010 psi Test Temp. 80 F DISCHARGE
 Pressure 85 psi test temp 80 F SUCTION
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
 1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 J. Fote
 (Owner or Owner's Designee)

SECTION SUPERVISOR
 (Title)

8/29/84
 (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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have
 inspected the MODIFICATION described in this report on
4/28, 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 8/30/84 *D. J. Boyer*
 (Inspector)

DADE CTY.COMM.NO.4956
 Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
 board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 80-120
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: CHEMICAL AND VOLUME CONTROL

7. DESCRIPTION OF WORK: MODIFICATION TO THE CHARGING PUMP 4P201A, B, & C.
THIS MODIFICATION REQUIRED THE INSTALLATION OF
(3) 2" CHECK VALVES, (4) 2" GLOBE VALVES AND (1)
CONTROL VALVE, PLUS ASSOCIATED PIPING (2" SCHEDULE
160) FROM THE CHARGING PUMPS 4P201A, 4P201B, AND
4P201C AND TIES INTO THE LETDOWN LINE GOING TO THE
VOLUME CONTROL TANK 4T203.

SPECIFIC DETAILS OF THIS MODIFICATION ARE INCLUDED
IN THE COMPLETED PC/M PACKAGE AND IS ON FILE AT
THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING
OF THE RECIRCULATION LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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

Date 27 AUGUST 1984

sheet 13 of 33

address
TURKEY POINT
2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4

PC/M NO. 82-20

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

3. Work BECAFEI POWER CORP
Performed 15740 Shady Grove Road
BY: Gaitnersburg, Maryland 20750
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system CONTAINMENT SPRAY

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Std. No.	Cm No.	Other Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes, no)

SEE ATTACHED SUPPLEMENTAL SHEET 15 OF 33



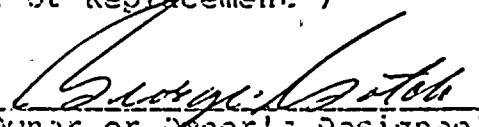
FORM NIS-2

7. Description of work: MODIFICATION TO CONTAINMENT SPRAY PUMP
RECIRCULATION LINE PIPING
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 2190 psi Test Temp. 90 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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


(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/11, 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 8/30/84


(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 82-20
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION CONTAINMENT SPRAY
OF SYSTEM:

7. DESCRIPTION OF WORK: THIS MODIFICATION PROVIDED FOR A RECIRCULATION TEST LINE FOR EACH CONTAINMENT SPRAY PUMP. INSTALLATION OF (3) 2" GLOBE VALVES, (2) 2" CHECK VALVES AND ASSOCIATED PIPING 2" SCHEDULE 80S, ORIGINATING AT A POINT UPSTREAM OF MOV-980 A AND MOV-880B AND TERMINATING AT A POINT UPSTREAM OF CHECK VALVE 874D. SPECIFIC DETAILS OF THIS MODIFICATION CAN BE FOUND IN THE COMPLETED PC/M PACKAGE WHICH IS ON FILE AT THE PLANT DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING OF THE RECIRCULATION LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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.

Date 27 AUGUST 1984

P.O. BOX 529100, MIAMI, FLORIDA 33152

sheet 16 of 33

address

TURKEY POINT

2. Plant

name

P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4

PC/M NO. 82-161

address

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

3. Work

BECHTEL POWER CORP

Performed 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system PRESSURIZER SPRAY LINE

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 ADDENDA

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Cmn No.	Other Identification	Year Built	Repaired Replaced or replacement	ASME Code stamped (yes, no)
VALVE	COPE'S VULCAN	N/A	N/A	N/A	4-572	N/A	MODIFICATION	NO
VALVE	COPE'S VULCAN	N/A	N/A	N/A	4-573	N/A	MODIFICATION	NO



FORM NIS-2

7. Description of work RELOCATED VALVES PCV-455A AND PVC-455B TO THE 14' ELEVATION, ADDED NEW VALVES 4-572 & 4-573
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 2335 psi Test Temp. 547 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI, 1980 EDITION THROUGH THE WINTER 1981 ADDENDA

(Applicable Manufacturer's Data Report to be 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

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

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/27, 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 8/30/84

D. E. Boyer
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 82-161
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION PRESSURIZER SPRAY LINE
OF SYSTEM:
7. DESCRIPTION
OF WORK: RELOCATED PRESSURIZER SPRAY VALVES PCV-455A AND
PCV-455B TO THE 14' ELEVATION. INSTALLED (2) 4"
COPIES VULCAN VALVES AND ASSOCIATED PIPING.
SPECIFIC DETAILS OF THIS MODIFICATION ARE ON FILE
IN THE COMPLETED PC/M PACKAGE AT THE SITE DOCUMENT
CONTROL SECTION.
- BECHTEL POWER CORP. PERFORMED THE WELDING
OF THE BYPASS LINE.
- STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.
- FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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. Date 27 AUGUST 1984
name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 19 of 33

address
TURKEY POINT
2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4
PC/M NO. 82-312

address
3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

repair organization P.O. No.
job No., etc.
Type Code Symbol Stamp NONE
Authorization no. N/A
Expiration Date N/A

4. Identification of system AUXILIARY STEAM SUPPLY TO AFW PUMP

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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)
VALVE	PACIFIC	N/A	N/A	N/A	4-10-119	N/A	REPLACE MENT	NO
VALVE	PACIFIC	N/A	N/A	N/A	4-10-219	N/A	REPLACE MENT	NO
VALVE	PACIFIC	N/A	N/A	N/A	4-10-319	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACE EXISTING VALVES WITH NEW VALVES, MODIFIED PIPING CONFIGURATION
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1336 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI, 1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 Nott
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84 *D. C. Boyer*
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS
(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 21 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 82-312
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: AUXILIARY STEAM SUPPLY

7. DESCRIPTION OF WORK: INSTALLED (3) PACIFIC VALVES AND REMOVED EXISTING VALVES. SPECIFIC DETAILS OF THIS WORK CAN BE FOUND IN THE COMPLETED PC/M PACKAGE AND IS ON FILE AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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

Date 27 AUGUST 1984

sheet 22 of 33

address
TURKEY POINT
2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 83-91

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system SERVICE AIR TO CONTAINMENT (PENETRATION 34)

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Crm No.	Other Identification	Year Built	Repaired Replaced or replacement	ASME Code stamped (yes, no)
CHECK VALVE	ROCK WELL	N/A	N/A	N/A	4-40-205	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACED EXISTING VALVE WITH NEW CHECK VALVE
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 157 psi Test Temp. 75 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1960 EDITION THROUGH THE WINTER 1981 ADDENDA

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 M. Pich
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 4/30, 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 8/30/84 *D. E. Boyer*
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK PERFORMED BY: BECHTEL POWER CORPORATION JOB NO. PC/M 83-91
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: SERVICE AIR TO CONTAINMENT

7. DESCRIPTION OF WORK: REPLACE EXISTING VALVE WITH (1) ROCKWELL CHECK VALVE.
SPECIFIC DETAILS OF THIS REPLACEMENT CAN BE FOUND IN
THE COMPLETED PC/M PACKAGE WHICH IS OF FILE AT THE
PLANT DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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.

Date 27 AUGUST 1984

P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 25 of 33

address

TURKEY POINT

2. Plant

Unit 4

name

P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 83-133

address

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

3. Work

BECHTEL POWER CORP

Type Code Symbol Stamp NONE

Performed, 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system CHEMICAL & VOLUME CONTROL (CVCS)

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 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)
VALVE	XOMOX	N/A	N/A	N/A	FCV-4-113B	N/A	REPLACE MENT	NO
VALVE	XOMOX	N/A	N/A	N/A	FCV-4-114B	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACED EXISTING DIAPHRAM VALVES WITH PLUG VALVES
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 165 psi Test Temp. 85 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 Smith
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/18, 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 8/30/84

D. E. Boyer
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 83-133
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: CHEMICAL & VOLUME CONTROL

7. DESCRIPTION OF WORK: REPLACE EXISTING DIAPHRAM VALVES WITH (2) XOMOX
PLUG VALVES. SPECIFIC DETAILS CAN BE FOUND IN THE
COMPLETED PC/M PACKAGE WHICH IS ON FILE AT THE
SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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

Date 27 AUGUST 1984

sheet 28 of 33

address
TURKEY POINT

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4

PC/M NO. 84-80

address

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

address

4. Identification of system MAIN FEEDWATER

5. (a) Applicable Construction Code
SECTION III 1974 EDITION SUMMER 1976 ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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)
		SEE SUPPLEMENTAL SHEET 30 OF 33						



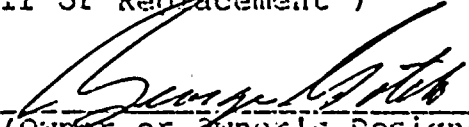
FORM NIS-2

7. Description of work: REPLACED 13"X4" REDUCER IN STEAM GENERATOR
4E201A AND 4E201C
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 120 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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

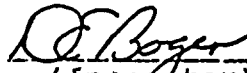

(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have
inspected the REPLACEMENT described in this report on
5/15, 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 8/30/84 
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS
(State or Province, National
Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 30 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 84-80
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION MAIN FEEDWATER SYSTEM
OF SYSTEM:

7. DESCRIPTION REMOVE EXISTING 18" X 14" REDUCER ON STEAM GENERATOR
OF WORK: MAIN FEEDWATER SYSTEM 4E210A AND 4E210C.
INSTALL NEW 18" X 14" CONCENTRIC REDUCER SA 234 GRADE
WPB. SPECIFIC DETAILS CAN BE FOUND IN THE COMPLETED
PC/M PACKAGE, WHICH IS ON FILE AT THE PLANT DOCUMENT
CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS AND THE BASELINE VOLUMETRIC EXAMINATIONS
OF THE NEW WELDS.



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

sheet 31 of 33

4

2. Plant name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit _____
PWO 0482 / 0547

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

3. Work FLORIDA POWER & LIGHT COMPANY
Performed
BY:

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system STEAM GENERATOR A and B WET LAYUP LINE

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or replacements

1974 EDITION	SUMMER 1975 ADDENDA
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6. Identification of components repaired or replaced and replacement components

1



FORM NIS-2

7. Description of work: REPLACE EXISTING VALVE WITH NEW VALVES
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 P. Pate
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84

D. F. Boyer
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK PERFORMED BY: FLORIDA POWER & LIGHT CO. JOB NO. PWO 0482
AND 0547
4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR A AND B WET LAYUP LINE
7. DESCRIPTION OF WORK: REPLACE EXISTING VALVES WITH (2) VOGT GATE VALVES.
SPECIFIC DETAILS CAN BE FOUND IN THE COMPLETED
PWO PACKAGE, WHICH IS ON FILE AT THE PLANT DOCUMENT
CONTROL SECTION.
- FP&L PLANT MAINTENANCE PERFORMED THE WELDING
OF THE BYPASS LINE.
- FP&L PLANT QC PERFORMED THE INPROCESS
EXAMINATIONS.
- FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.

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

PAGE 33a OF 33

EDDY CURRENT EXAMINATION RESULTS

PLANT: TURKEY POINT UNIT NO. 4

EXAMINATION DATES: FROM 4 MAY 1984 THRU 15 MAY 1984

STREAM GEN. NO.	TOTAL TUBES INSPE- CTED	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 A	211	NONE	NONE	NONE	NONE	NONE
SG B	162	NONE	NONE	NONE	NONE	NONE
SG C * HL CL	502 500	NONE	NONE	NONE	NONE	NONE

NOTE: * PARTIAL EXAMINATIONS OF BULGED REGIONS
AT THE TOP OF THE TUBE SHEET

LOCATION OF INDICATIONS

STEAM GENERATOR	APEX OF U-BENDS	DRILLED SUPPORT 1 THRU 4	TOP OF TUBE SHEET TO 1 DRILLED SUPPORT
SG A	NONE	NONE	NONE
SG B	NONE	NONE	NONE
SG C	NONE	NONE	NONE

CERTIFICATION OF RECORD

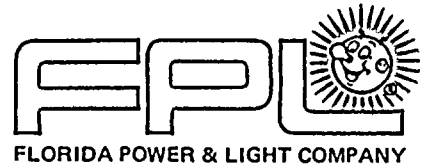
We certify that the statements in this record are correct and the tubes inspected were tested in accordance with the requirements of Section XI of the ASME Code.

FLORIDA POWER & LIGHT COMPANY
(Organization)

DATE 30 AUGUST 1984

BY

George P. Dato
PNS-SECTION SUPERVISOR, CIS



September 4, 1984
L-84-228

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

RE: Turkey Point Unit 4
Docket No. 50-251
Inservice Inspection Report

Please find attached the Owner's Data Report for Inservice Inspection (Form NIS-1) which is submitted in accordance with the provisions of the ASME Code for Turkey Point Unit 4. Included as part of the report is the Owner's Data Report of Repairs or Replacement (Form NIS-2).

Should you or your staff have any questions concerning this report, please contact us.

Very truly yours,

J.W. Williams, Jr.
Group Vice President
Nuclear Energy Department

JWW/PLP/djc

Attachment

cc: J.P. O'Reilly, Region II
Harold F. Reis, Esquire
PNS-LI-310

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

PAGE 1 OF 33

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

1. Owner _____
(Name and address of Owner)

Turkey Point Nuclear Power Plant
P.O. Box 3088, FLORIDA CITY, FL 33034

2. Plant _____
(Name and address of Plant)

3. Plant Unit 4

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

5. Commercial service date 7 SEPTEMBER 1973

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	E & K	4PSRV1	N/A	N/A
RCS PIPING	BECHTEL	N/A	N/A	N/A
AUX SPRAY	BECHTEL	N/A	N/A	N/A
SIS PIPING	BECHTEL	N/A	N/A	N/A
RRR PIPING	BECHTEL	N/A	N/A	N/A
BORON INJECTION	BECHTEL	N/A	N/A	N/A
STEAM GENERATOR	WESTINGHOUSE	16A-6341-3	N/A	772
PRESSURIZER	WESTINGHOUSE	4F250	N/A	
REG. HT. EXCHANG	SENTRY EQUIP	4E200	N/A	
FEEDWATER PIPING	BECHTEL	N/A	N/A	N/A
MAIN STEAM	BECHTEL	N/A	N/A	N/A
BLOWDOWN	BECHTEL	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.



FORM NIS-1 (back)

8. Examination Dates 6 MARCH 1984 to 1 JUNE 1984
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.
THESE EXAMINATIONS CONSTITUTES THE LAST OUTAGE OF THE THRID PERIOD OF THE FIRST INSPECTION INTERVAL OF COMMERCIAL OPERATION
11. Abstract of Conditions Noted.
 11 CONDITIONS NOTED BY VISUAL EXAMINATION, 6 CONDITIONS NOTED BY LIQUID PENETRANT EXAMINATION, 4 CONDITIONS NOTED BY ULTRASONIC EXAMINATION, AND 35 CONDITIONS WERE NOTED DURING THE 10-YEAR HYDRO EXAMINATIONS.
12. Abstract of Corrective Measures Recommended and Taken.
 ALL CONDITIONS NOTED WERE EVALUATED AND DISPOSITIONED BY FP&L, AND THOSE REQUIRING CORRECTIVE ACTION WAS REPAIRED IN ACCORDANCE WITH PLANT PROCEDURES.

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 8/29 19 84 Signed FLORIDA POWER & LIGHT CO. By George P. Poteh
 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 DADE CTY., FL and employed by ** of NORWOOD, MASS have inspected the components described in this Owners' Data Report during the period 6 MARCH 1984 to 1 JUNE 1984, 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 8/30 19 84 FACTORY MUTUAL SYSTEM
D. Boyer Commissions COMM NO. 4956
 Inspector's Signature National Board, state, Province and No.

**** ARKRIGHT BOSTON MFG'S MUTUAL INSURANCE COMPANY**



SUPPLEMENTAL SHEET NIS-1

1. Owner: Florida Power & Light Co.
9250 West Flagler
Miami, Florida 33152
2. Plant: TURKEY POINT
P.O. Box 3088
FLORIDA CITY, Florida 33034
3. Plant Unit : 4
4. Owner Certificate of Authorization : N/A
5. Commercial Service Date: 7 SEPTEMBER 1973
6. National Board Number for Unit: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
CIS-PTP-84-001	FPL	INSERVICE INSPECTION VOLUME I
SG-84-06-024	WESTINGHOUSE	EDDY CURRENT EXAMINATION OF STEAM GENERATORS
SWRI 4520	SWRI	INSERVICE INSPECTION REPORT VOLUME I THROUGH VOLUME V
SWRI 4520	SWRI	1984 HYDROSTATIC EXAMINATION REPORT VOLUME I
PC/M 78-102B	FP&L	STEAM GENERATOR BLOWDOWN RECOVERY SYSTEM
PC/M 80-83	FP&L	CVCS PUMP REPLACEMENT
PC/M 80-120	FP&L	CVCS RECIRCULATION LINE
PC/M 82-20	FP&L	CONTAINMENT SPRAY RECIRC. LINE
PC/M 82-161	FP&L	PRESSURIZER SPRAY LINE
PC/M 82-312	FP&L	AUXILIARY STEAM SUPPLY
PC/M 83-91	FP&L	SERVICE AIR
PC/M 83-133	FP&L	CVCS VALVE REPLACEMENT
PC/M 84-80	FP&L	FEEDWATER REPLACEMENT
PWO 0482/0547	FP&L	S.G. WET LAY UP



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
TURKEY POINT PLANT

Date 27 AUGUST 1984

sheet 4 of 33

4

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit

PC/M NO. 78-102B

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system STEAM GENERATOR BLOWDOWN

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Ed. No.	Cm No.	Other Ident- ifica- tion	Year Built	Repaired or repl- acement	ASME Code stamped (yes, no)
SEE SUPPLEMENT SHEET PAGE 6 OF 33								



FORM NIS-2

7. Description of work: INSTALLED BYPASS LINE AROUND ISOLATION VALVE
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 P. Piteo
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/15, 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 8/30/84

R. J. Boyer
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 6 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 78-102B
4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR BLOWDOWN
7. DESCRIPTION OF WORK:
INSTALLED 3/4" SCHEDULE 160S BYPASS LINE AROUND ISOLATION VALVE FROM STEAM GENERATOR'S 4E210A, 4E210B AND 4E210C BLOWDOWN RECOVERY SYSTEM.

SPECIFIC DETAILS ARE FOUND IN THE COMPLETED (PC/M) PLANT CHANGE MODIFICATION PACKAGE, WHICH IS ON FILE AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING OF THE BYPASS LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE FIL VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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
TURKEY POINT

Date 27 AUGUST 1984

sheet 7 of 33

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 80-83

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

3. Work BECATEL POWER CORP
Performed 15740 Shady Grove Road
Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system CHEMICAL & VOLUME CONTROL

5. (a) Applicable Construction Code
331.1 1967 EDITION N/A ADDENDA N/A CODE CASE
(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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 Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes, no)
PUMP	GOULD	N715C1-40-1	N/A	N/A	4P203A	N/A	REPLACE MENT	NO
PUMP	GOULD	N715C1-40-2	N/A	N/A	4P203B	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work REPLACE EXISTING BORIC ACID TRANSFER PUMPS
MODIFICATION OF SUCTION & DISCHARGE PIPING
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 190 psi Test Temp. 85 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

CERTIFICATE OF COMPLIANCE

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

Signed

George L. Pate
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS. have
inspected the REPLACEMENT/MODIFICATION described in this report on
4/21, 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 8/30/84

D. E. Boyer
(Inspector)

DADE CTY. COMM. NO. 4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)



NIS-2 SUPPLEMENTAL SHEET

PAGE 9 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 80-83
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION OF SYSTEM: CHEMICAL AND VOLUME CONTROL

7. DESCRIPTION OF WORK: REPLACE BORIC ACID TRANSFER (CRANS GE-20K) PUMPS
WITH (GOULD 3195) PUMPS. PERFORMED MODIFICATION TO
3" SCHEDULE 10S INLET PIPING AND 2" SCHEDULE 10S
OUTLET PIPING.

SPECIFIC DETAILS ARE FOUND IN THE COMPLETED PC/M
PACKAGE WHICH IS ON FILE AT THE SITE DOCUMENT CONTROL
SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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
TURKEY POINT

Date 27 AUGUST 1984

sheet 10 of 33

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 80-120

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system CHEMICAL & VOLUME CONTROL

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Cra No.	Other Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes, no)

SEE SUPPLEMENTAL SHEET PAGE 12 OF 33



FORM NIS-2

7. Description of work MODIFICATION OF CHARGING PUMP RECIRCULATION LINE
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
- Other Pressure 3010 psi Test Temp. 80 F DISCHARGE
Pressure 85 psi test temp 80 F SUCTION
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1960 EDITION THROUGH THE WINTER 1981 ADDENDA

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

[Signature]
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORFOLK, MASS have inspected the MODIFICATION described in this report on 4/28, 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 8/30/84

[Signature]
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)



NIS-2 SUPPLEMENTAL SHEET

PAGE 12 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 80-120
4. IDENTIFICATION OF SYSTEM: CHEMICAL AND VOLUME CONTROL
7. DESCRIPTION OF WORK: MODIFICATION TO THE CHARGING PUMP 4P201A, B, & C.
THIS MODIFICATION REQUIRED THE INSTALLATION OF
(3) 2" CHECK VALVES, (4) 2" GLOBE VALVES AND (1)
CONTROL VALVE, PLUS ASSOCIATED PIPING (2" SCHEDULE
160) FROM THE CHARGING PUMPS 4P201A, 4P201B, AND
4P201C AND TIES INTO THE LETDOWN LINE GOING TO THE
VOLUME CONTROL TANK 4T203.

SPECIFIC DETAILS OF THIS MODIFICATION ARE INCLUDED
IN THE COMPLETED PC/M PACKAGE AND IS ON FILE AT
THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING
OF THE RECIRCULATION LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 13 of 33

address
TURKEY POINT

2. Plant

Unit 4

name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 82-20

address

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system CONTAINMENT SPRAY

5. (a) Applicable Construction Code

ASME B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION SUMMER 1975 ADDENDA

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Unit	Mfr., Ser. No.	Nat'l Id. No.	Crit No.	Other Ident- ifica- tion	Year Built	Repaired or Repl- acement	ASME Code stamped (yes, no)
SEE ATTACHED SUPPLEMENTAL SHEET 15 OF 33								



FORM NIS-2

7. Description of work: MODIFICATION TO CONTAINMENT SPRAY PUMP
RECIRCULATION LINE PIPING
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 2190 psi Test Temp. 90 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 L. Smith
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/11, 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 8/30/84

D. J. Boger
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 15 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 82-20
4. IDENTIFICATION OF SYSTEM: CONTAINMENT SPRAY

7. DESCRIPTION OF WORK:

THIS MODIFICATION PROVIDED FOR A RECIRCULATION TEST LINE FOR EACH CONTAINMENT SPRAY PUMP. INSTALLATION OF (3) 2" GLOBE VALVES, (2) 2" CHECK VALVES AND ASSOCIATED PIPING 2" SCHEDULE 80S, ORIGINATING AT A POINT UPSTREAM OF MOV-980 A AND MOV-880B AND TERMINATING AT A POINT UPSTREAM OF CHECK VALVE 874D. SPECIFIC DETAILS OF THIS MODIFICATION CAN BE FOUND IN THE COMPLETED PC/M PACKAGE WHICH IS ON FILE AT THE PLANT DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING OF THE RECIRCULATION LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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
TURKEY POINT

Date 27 AUGUST 1984

sheet 16 of 33

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 82-161

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system PRESSURIZER SPRAY LINE

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Crm No.	Other Identification	Year Built	Repaired or replaced	ASME Code stamped (yes, no)
VALVE	COPEL VULCAN	N/A	N/A	N/A	4-572	N/A	MODIFICATION	NO
VALVE	COPEL VULCAN	N/A	N/A	N/A	4-573	N/A	MODIFICATION	NO



FORM NIS-2

7. Description of work RELOCATED VALVES PCV-455A AND PVC-455B TO THE 14' ELEVATION, ADDED NEW VALVES 4-572 & 4-573
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other . Pressure 2335 psi Test Temp. 547 F
9. Remarks PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI, 1980 EDITION THROUGH THE WINTER 1981 ADDENDA
- (Applicable Manufacturer's Data Report to be 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

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

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty., Fl. employed by ** of NORWOOD, MASS have inspected the MODIFICATION described in this report on 5/27, 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 8/30/84 *D. E. Boyer* Commissions FACTORY MUTUAL SYSTEMS
(Inspector)

DADE CTY. COMM. NO. 4956
(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 18 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 82-161
4. IDENTIFICATION OF SYSTEM: PRESSURIZER SPRAY LINE
7. DESCRIPTION OF WORK:
RELOCATED PRESSURIZER SPRAY VALVES PCV-455A AND PCV-455B TO THE 14' ELEVATION. INSTALLED (2) 4" COPES VULCAN VALVES AND ASSOCIATED PIPING. SPECIFIC DETAILS OF THIS MODIFICATION ARE ON FILE IN THE COMPLETED PC/M PACKAGE AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING OF THE BYPASS LINE.

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.

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.

Date 27 AUGUST 1984

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet 19 of 33

address
TURKEY POINT

4

2. Plant

Unit

name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

PC/M NO. 82-312

address

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

3. Work

BECHTEL POWER CORP

Type Code Symbol Stamp NONE

Performed 15740 Shady Grove Road

BY: Gaithersburg, Maryland 20760

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system AUXILIARY STEAM SUPPLY TO AFW PUMP

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA

N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements

1974 EDITION

SUMMER 1975 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)
VALVE	PACIFIC	N/A	N/A	N/A	4-10-119	N/A	REPLACE MENT	NO
VALVE	PACIFIC	N/A	N/A	N/A	4-10-219	N/A	REPLACE MENT	NO
VALVE	PACIFIC	N/A	N/A	N/A	4-10-319	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACE EXISTING VALVES WITH NEW VALVES, MODIFIED PIPING CONFIGURATION
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI, 1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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


(Owner or Owner's Designee)


SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84


(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 21 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 82-312
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION OF SYSTEM: AUXILIARY STEAM SUPPLY
7. DESCRIPTION OF WORK: INSTALLED (3) PACIFIC VALVES AND REMOVED EXISTING VALVES. SPECIFIC DETAILS OF THIS WORK CAN BE FOUND IN THE COMPLETED PC/M PACKAGE AND IS ON FILE AT THE SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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

Date 27 AUGUST 1984

address
TURKEY POINT

sheet 22 of 33

4

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit

PC/M NO. 83-91

address

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

address

4. Identification of system SERVICE AIR TO CONTAINMENT (PENETRATION 34)

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

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

6. Identification of components repaired or replaced and replacement
components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Cmn No.	Other Identification	Year Built	Repaired Replaced or replacement	ASME Code stamped (yes, no)
CHECK VALVE	ROCKWELL	N/A	N/A	N/A	4-40-205	N/A	REPLACEMENT	NO



FORM NIS-2

7. Description of work: REPLACED EXISTING VALVE WITH NEW CHECK VALVE
8. Tests Conducted: Hydrostatic X Pneumatic__ Nominal Operating Pressure
Other__ Pressure 157 psi Test Temp. 75 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 R. Potts
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 4/30, 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 8/30/84

D. E. Boyer
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National
Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 24 OF 33

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 27 AUGUST 1984
2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 4
3. WORK PERFORMED BY: BECHTEL POWER CORPORATION
15740 SHADY GROVE ROAD
GAITHERSBURG, MARYLAND 20760
JOB NO. PC/M 83-91
4. IDENTIFICATION OF SYSTEM: SERVICE AIR TO CONTAINMENT
7. DESCRIPTION OF WORK: REPLACE EXISTING VALVE WITH (1) ROCKWELL CHECK VALVE.
SPECIFIC DETAILS OF THIS REPLACEMENT CAN BE FOUND IN THE COMPLETED PC/M PACKAGE WHICH IS OF FILE AT THE PLANT DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC PRESSURE TESTS.



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

Date 27 AUGUST 1984

sheet 25 of 33

address
TURKEY POINT

2. Plant name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

Unit 4

PC/M NO. 83-133

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760

Type Code Symbol Stamp NONE

Authorization no. N/A

Expiration Date N/A

address

4. Identification of system CHEMICAL & VOLUME CONTROL (CVCS)

5. (a) Applicable Construction Code
B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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)
VALVE	XOMOX	N/A	N/A	N/A	FCV-4-113B	N/A	REPLACE MENT	NO
VALVE	XOMOX	N/A	N/A	N/A	FCV-4-114B	N/A	REPLACE MENT	NO



FORM NIS-2

7. Description of work: REPLACED EXISTING DIAPHRAM VALVES WITH PLUG VALVES
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 165 psi Test Temp. 85 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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 Smith
(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/18, 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 8/30/84

D. C. Boyer
(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

* ARKWRIGHT BOSTON MFG'S MUTUAL INS. CO.

NIS-2 SUPPLEMENTAL SHEET

PAGE 27 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3038
FLORIDA CITY, FLORIDA 33034
3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 83-133
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760
4. IDENTIFICATION OF SYSTEM: CHEMICAL & VOLUME CONTROL
7. DESCRIPTION OF WORK: REPLACE EXISTING DIAPHRAM VALVES WITH (2) XOMOX
PLUG VALVES. SPECIFIC DETAILS CAN BE FOUND IN THE
COMPLETED PC/M PACKAGE WHICH IS ON FILE AT THE
SITE DOCUMENT CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.



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
TURKEY POINT

Date 27 AUGUST 1984

sheet 28 of 33

2. Plant
name
P.O. BOX 3088 FLORIDA CITY, FL. 33034
address

Unit 4

PC/M NO. 84-80

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

3. Work BECHTEL POWER CORP
Performed 15740 Shady Grove Road
BY: Gaithersburg, Maryland 20760
address

Type Code Symbol Stamp NONE

Authorization no. N/A
Expiration Date N/A

4. Identification of system MAIN FEEDWATER

5. (a) Applicable Construction Code
SECTION III 1974 EDITION SUMMER 1976 ADDENDA N/A CODE CASE
(b) Applicable Edition of Section XI utilized for repairs or
replacements
1974 EDITION SUMMER 1975 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 Ident- ifica- tion	Year Built	Repaired Replaced or repl- acement	ASME Code stamped (yes, no)
		SEE SUPPLEMENTAL SHEET 30 OF 33						



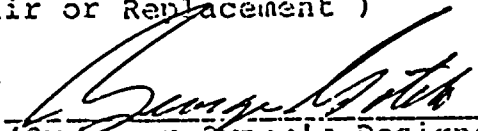
FORM NIS-2

7. Description of work: REPLACED 13"X4" REDUCER IN STEAM GENERATOR
4E201A AND 4E201C
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 120 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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


(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/29/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84


(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 30 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152

2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034

3. WORK BECHTEL POWER CORPORATION JOB NO. PC/M 84-80
PERFORMED 15740 SHADY GROVE ROAD
BY: GAITHERSBURG, MARYLAND 20760

4. IDENTIFICATION MAIN FEEDWATER SYSTEM
OF SYSTEM:

7. DESCRIPTION REMOVE EXISTING 18" X 14" REDUCER ON STEAM GENERATOR
OF WORK: MAIN FEEDWATER SYSTEM 4E210A AND 4E210C.
INSTALL NEW 18" X 14" CONCENTRIC REDUCER SA 234 GRADE
WPB. SPECIFIC DETAILS CAN BE FOUND IN THE COMPLETED
PC/M PACKAGE, WHICH IS ON FILE AT THE PLANT DOCUMENT
CONTROL SECTION.

BECHTEL POWER CORP. PERFORMED THE WELDING

STONE & WEBSTER BACKFIT QC PERFORMED THE INPROCESS
EXAMINATIONS.

FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS AND THE BASELINE VOLUMETRIC EXAMINATIONS
OF THE NEW WELDS.

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.**

Date **27 AUGUST 1984**

name
P.O. BOX 529100 MIAMI, FLORIDA 33152

sheet **31** of **33**

address
TURKEY POINT

2. Plant

Unit **4**

name
P.O. BOX 3088 FLORIDA CITY, FL. 33034

PWO 0482 /0547

address

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

3. Work **FLORIDA POWER & LIGHT COMPANY**

Type Code Symbol Stamp **NONE**

Performed
 BY:

Authorization no. **N/A**
 Expiration Date **N/A**

address

4. Identification of system **STEAM GENERATOR A and B WET LAYUP LINE**

5. (a) Applicable Construction Code

B31.1 1967 EDITION N/A ADDENDA N/A CODE CASE

(b) Applicable Edition of Section XI utilized for repairs or
 replacements

1974 EDITION SUMMER 1975 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)
GATE VALVE	VOGT	N/A	N/A	N/A	4-007	N/A	REPLACE MENT	NO
GATE VALVE	VOGT	N/A	N/A	N/A	4-025	N/A	REPLACE MENT	NO



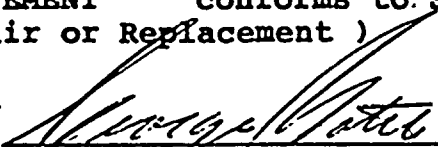
FORM NIS-2

7. Description of work: REPLACE EXISTING VALVE WITH NEW VALVES
8. Tests Conducted: Hydrostatic X Pneumatic Nominal Operating Pressure
Other Pressure 1356 psi Test Temp. 90 F
9. Remarks: PRESSURE TEST PERFORMED IN ACCORDANCE WITH ASME SECTION XI,
1980 EDITION THROUGH THE WINTER 1981 ADDENDA

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


(Owner or Owner's Designee)

SECTION SUPERVISOR
(Title)

8/24/84
(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 Dade Cty, Fl. employed by ** of NORWOOD, MASS have inspected the REPLACEMENT described in this report on 5/15, 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 8/30/84


(Inspector)

DADE CTY.COMM.NO.4956
Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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



NIS-2 SUPPLEMENTAL SHEET

PAGE 33 OF 33

1. OWNER: FLORIDA POWER & LIGHT DATE: 27 AUGUST 1984
P.O. BOX 529100
MIAMI, FLORIDA 33152
2. PLANT: TURKEY POINT UNIT: 4
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
3. WORK PERFORMED BY: FLORIDA POWER & LIGHT CO. JOB NO. PWO 0482
AND 0547
4. IDENTIFICATION OF SYSTEM: STEAM GENERATOR A AND B WET LAYUP LINE
7. DESCRIPTION OF WORK: REPLACE EXISTING VALVES WITH (2) VOGT GATE VALVES.
SPECIFIC DETAILS CAN BE FOUND IN THE COMPLETED
PWO PACKAGE, WHICH IS ON FILE AT THE PLANT DOCUMENT
CONTROL SECTION.
- FP&L PLANT MAINTENANCE PERFORMED THE WELDING
OF THE BYPASS LINE.
- FP&L PLANT QC PERFORMED THE INPROCESS
EXAMINATIONS.
- FP&L (SOUTHWEST RESEARCH INSTITUTE) PERFORMED THE
THE VISUAL EXAMINATIONS DURING THE HYDROSTATIC
PRESSURE TESTS.

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

PAGE 33a OF 33

EDDY CURRENT EXAMINATION RESULTS

PLANT: TURKEY POINT UNIT NO. 4

EXAMINATION DATES: FROM 4 MAY 1984 THRU 15 MAY 1984

STEAM GEN. NO.	TOTAL TUBES INSPE- CTED	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 A	211	NONE	NONE	NONE	NONE	NONE
SG B	162	NONE	NONE	NONE	NONE	NONE
SG C *						
HL	502	NONE	NONE	NONE	NONE	NONE
CL	500					

NOTE: * PARTIAL EXAMINATIONS OF BULGED REGIONS
AT THE TOP OF THE TUBE SHEET

LOCATION OF INDICATIONS

STEAM GENERATOR	APEX OF U-BENDS	DRILLED SUPPORT 1 THRU 4	TOP OF TUBE SHEET TO 1 DRILLED SUPPORT
SG A	NONE	NONE	NONE
SG B	NONE	NONE	NONE
SG C	NONE	NONE	NONE

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 30 AUGUST 1984

BY

George P. Dato
PNS-SECTION SUPERVISOR, CIS

