FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Florida Power and Light Co. 9250 W. Flagler, Miami, Fla.
(Name and address of Owner)

2. Plant Turkey Point Nuclear Power Plant
P.O. Box 3088, FLORIDA CITY, Fl 33034
(Name and address of Plant)

3. Plant Unit 3

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

5. Commercial service date 14 DECEMBER 1972

6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installe Serial No.	State or Province Number	National Board Number
RPV VESSEL	B & W	3PSRV1	N/A	N/A
PRZ	WESTINGHOUSE	3T200	N/A	N/A
RCP	WESTINGHOUSE	3P200B	N/A	N/A
RC PIPING	BECHTEL	N/A	N/A	N/A
SI PIPING	BECHTEL	N/A	N/A	N/A
AC PIPING	BECHTEL	N/A	N/A	N/A
STEAM GENERATOR	WESTINGHOUSE	3E210A	N/A	N/A
STEAM GENERATOR	WESTINGHOUSE	3E210B	N/A	N/A
STEAM GENERATOR	WESTINGHOUSE	3E210C	N/A	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.

FORM NIS-1 (back)

8. Examination Dates 10-1-83 to 1-7-84

9. Inspection Interval from 6 2/3 YEARS to 10 YEARS

10. Abstract of Examination. Include a list of examinations and a statement concerning status of work required for current interval.
SEE ATTACHED SUPPLEMENT

11. Abstract of Conditions Noted.
SAME AS ITEM 10 ABOVE

12. Abstract of Corrective Measures Recommended and Taken.
SAME AS ITEM 10 ABOVE

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 30 March 1984 Signed Florida Power & Light Co. By George [illegible]
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 OCT 1983 to JANUARY 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 Mar 30 1984 FACTORY MUTUAL SYSTEM

[signature]
Inspector's Signature

Commissions COMM NO.4956
National Board, state, Province and No.

** ARKWRIGHT 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 : 3

4. Owner Certificate of Authorization : N/A

5. Commercial Service Date: 14 DECEMBER 1972

6. National Board Number for Unit: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
CIG-PTP-84-001	FPL	INSERVICE INSPECTION VOLUME I THROUGH VOLUME 2
SWRI 4352	SWRI	1983 INSERVICE EXAMINATION OF SELECTED COMPONENTS OF TURKEY POINT PLANT, UNIT 3 VOLUME 1 THROUGH VOLUME V
SWRI 4352	SWRI	1983 VISUAL EXAMINATIONS CONDUCTED IN CONJUNCTION WITH HYDROSTATIC PRESSURE TESTING AT TURKEY POINT PLANT, UNIT 3 VOLUME 1
N/A	WESTINGHOUSE	RPV CLOSURE HEAD MODIFICATION

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)
Date 30 March 1984
sheet 4 of 10

2. Plant TURKEY POINT (name)
P.O. BOX 3088 FLORIDA CITY, FL. 33034 (address)
Unit 3
PC/M NO. 82-30
repair organization P.O. No. job No., etc.

3. Work Performed by WESTINGHOUSE (name)
P.O. BOX 2728
PITTSBURGH, PENNSYLVANIA 15230 (address)
Type Code Symbol Stamp NONE
Authorization no. N/A
Expiration Date N/A

4. Identification of system REACTOR PRESSURE VESSEL

5. (a) Applicable Construction Code SECTION III 1980 Edition 1980 Addenda, 1588 Code Case
(b) Applicable Edition of Section XI utilized for repairs or replacements 1974 EDITION

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)
RPV	B&W	16081-1	N/A	N/A	N/A	1968	MODIFICATION	YES
RPV	B&W	16081-2	N/A	N/A	N/A	1968	MODIFICATION	YES

FORM NIS-2

7. Description of work SEE SUPPLEMENT SHEET, PAGE 6 OF

8. Tests Conducted: Hydrostatic_X__ Pneumatic__ Nominal Operating Pressure

Other__ Pressure 2335 psi Test Temp. 547 F

9. Remarks ICCS MODIFICATION TO THE REACTOR PRESSURE VESSEL CLOSURE

(Applicable Manufacturer's Data Report to be attached)

HEAD, N2 DATA REPORT FOR THE RVLMS FLANGE ASSEMBLIES ARE ATTACHED

CERTIFICATE OF COMPLIANCE

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

Signed George Gates Section Supervisor, CIS 3-30-84
(Owner or Owner's Designee) (Title) (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 , 19 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 Mar-30,1984 L O E Boyer DADE CTY.COMM.NO.4956
(Inspector) Commissions FACTORY MUTUAL SYSTEMS

(State or Province, National Board)

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

NIS-2 SUPPLEMENTAL SHEET

1. OWNER: FLORIDA POWER & LIGHT
P.O. BOX 529100
MIAMI, FLORIDA 33152
DATE: 30 March 1984

2. PLANT: TURKEY POINT
P.O. BOX 3088
FLORIDA CITY, FLORIDA 33034
UNIT: 3

3. WORK PERFORMED BY: WESTINGHOUSE ELECTRIC CORPORATION
P.O. BOX 2728
PITTSBURGH, PENNSYLVANIA
JOB NO. PC/M 82-30

4. IDENTIFICATION OF SYSTEM: REACTOR PRESSURE VESSEL HEAD

7. DESCRIPTION OF WORK: COMBUSTION ENGINEERING PERFORMED THE DESIGN AND FABRICATION OF THE FLANGE ASSEMBLY.

WESTINGHOUSE ELECTRIC PERFORMED THE INSTALLATION AND WELDING OF THE RVLMS FLANGE ASSEMBLY.

COMBUSTION ENGINEERING PERFORMED THE INSTALLATION OF THE INSTRUMENTATION LINES.

FPL PERFORMED THE HYDROSTATIC PRESSURE TESTS.

FORM N 2 MANUFACTURERS DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provisions of the ASME Code Rules * Corrected 10/14/83

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

(b) Manufactured for Florida Power & Light, Turkey Point Units 3 & 4
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 16081-2 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-West-849-500 Drawing Prepared by Nuclear Products Manufactur

(b) Description of Part Inspected RVLMS Flange Assembly

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date Winter 1981, Case No. 1588 Class 1

3. Remarks: Final design information and stress reports to be provided by others
(Brief description of service for which component was designed)

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

Date 10/14 1983 Signed Combustion Eng. Inc. By K.C. Tolides-Manager of Quality Contr
(Manufacturer)

Certificate of Authorization Expires* April 7, 1984 Certificate of Authorization No. N2084

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at Combustion Engineering Inc., - East Windsor, Connecticut-3

Stress analysis report on file at See 3 remarks

Design specifications certified by D. J. McLaughlin Prof. Eng. State CT Reg. No. 07955

Stress analysis report certified by See 3 remarks Prof. Eng. State _____ Reg. No. _____

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Connecticut and employed by Hartford Steam Boiler I & I of Hartford, Connecticut have inspected the part of a pressure vessel described in this Manufacturer's Partial Data Report on 10/14 1983, and state that to the best of my knowledge and belief, the Manufacturer has constructed this part in accordance with the ASME Code Section III.

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

Date 10/14 1983

R J Jome Commissions CT # 786
Inspector's Signature National Board, State, Province and No.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8½" x 11", (2) information in items 1-2 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks".

Items 4–8 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material SA-479 Type 316 SST. (Kind & Spec. No.) T.S. 76 KSI (Min. of Range Specified) Nominal Thickness .600 in. Corrosion Allowance 0 in. Dia. -- ft. 3.760 in. Length -- ft. 6½ in.

5. Seams: Long _____ H.T.[1] _____ R.T. _____ Efficiency _____ %

Girth 1 Butt Weld H.T.[1] No R.T. Full No. of Courses 2

N/A 6. Heads: (a) Material _____ T.S. _____ (b) Material _____ T.S. _____

	Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Conv. or Conc.)
(a)									
(b)									

If removable, bolts used _____ (Material, Spec. No., T.S., Size, Number) Other fastening _____ (Describe or attach sketch)

7. Jacket Closure: _____ (Describe as ogee and weld, bar, etc. If bar give dimensions, if bolted, describe or sketch)

N/A 8. Design pressure[2] _____ psi at _____ °F Drop Weight _____ Charpy Impact _____ ft-lb at temp. of _____ °F

Items 9 and 10 to be completed for tube sections

N/A 9. Tube Sheets: Stationary. Material _____ (Kind & Spec. No.) Dia. _____ (Subject to pressure) Thickness ___ in. Attachment _____ (Welded, Bolted)

Floating. Material _____ Dia. _____ Thickness ___ in. Attachment _____

N/A 10. Tubes: Material _____ O.D. ___ in. Thickness _____ inches or gage. Number _____ Type _____ (Str. or U)

Items 11–14 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

11. Shell: Material _____ (Kind & Spec. No.) T.S. _____ (Min. of Range Specified) Nominal Thickness ___ in. Corrosion Allowance ___ in. Dia. ___ ft. ___ in. Length ___ ft. ___ in.

N/A 12. Seams: Long _____ H.T.[1] _____ R.T. _____ Efficiency _____ %

Girth _____ H.T.[1] _____ R.T. _____ No. of Courses _____

N/A 13. Heads (a) Material _____ T.S. _____ (b) Material _____ T.S. _____

	Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Conv. or Conc.)
(a)	Top, bottom, ends								
(b)	Channel								

If removable, bolts used (a) _____ (b) _____ (c) _____ Other fastening _____ (Describe or attach sketch)

14. Design pressure[2] 2500 psi at 650 °F Drop Weight _____ Charpy Impact _____ ft-lb at temp. of _____ °F

Items below to be completed for all vessels where applicable.

N/A 15. Safety Valve Outlets: Number _____ Size _____ Location _____

N/A 16. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Dia. or Size	Type	Material	Thickness	Reinforcement Material	How Attached

17. Inspection Openings: Manholes, No. _____ Size _____ Location _____
Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

18. Supports: Skirt _____ (Yes or No) Lugs _____ (Number) Legs _____ (Number) Other _____ (Describe) Attached _____ (Where & How)

[1] If Fusewld Heat-Treated
[2] ... other internal or external pressure and coincident temperature when applicable.

FORM N-2 MANUFACTURERS DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provisions of the ASME Code Rules

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

(b) Manufactured for Florida Power & Light Turkey Point Units 3 & 4
(Name and address of Manufacturer of completed nuclear component)

2. Identification-Manufacturer's Serial No. of Part 16081-1 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. E-WEST-849-500 Drawing Prepared by Nuclear Products Manufacturi

(b) Description of Part Inspected RVLMS Flange Assembly

(c) Applicable ASME Code: Section III, Edition 1980, Addenda date Winter 1980, Case No. 1538 Class 1

3. Remarks: Final design information and stress reports to be provided by others.
(Brief description of service for which component was designed)

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

Date 7/30 19 82 Signed Comb. Engi Inc. By K C Tolides Con
(Manufacturer) K. C. Tolides - Manager of Qualit

Certificate of Authorization Expires April 7, 1984 Certificate of Authorization No. N2084

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

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

Stress analysis report on file at See 3 remarks

Design specifications certified by D. J. McLaughlin Prof. Eng. State CT. Reg. No. 07955

Stress analysis report certified by See 3 remarks Prof. Eng. State _____ Reg. No. _____

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Connecticut and employed by Hartford Steam Boiler I & I of Hartford, Connecticut have inspected the part of a pressure vessel described in this Manufacturer's Partial Data Report on 7/9 19 82 and state that to the best of my knowledge and belief, the Manufacturer has constructed this part in accordance with the ASME Code Section III.

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

Date 4/30 19 82

R. Hom
Inspector's Signature

Commissions Ct. # 786
National Board, State, Province and No.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8½" x 11", (2) information in items 1-2 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in item 3, "Remarks".

Items 4–8 Incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers.

4. Shell: Material SA-479 Type 316 SST (Kind & Spec. No.) T.S. 76KSI (Min. of Range Specified) Nominal Thickness .600 in. Corrosion Allowance 0 in. Dia. - ft. 3.760 in. Length - ft. 6½ in.

N/A 5. Seams: Long ____ H.T.[1] ____ R.T. ____ Efficiency ____ %

Girth 1 Butt Weld H.T.[1] No R.T. Full No. of Courses 2

N/A 6. Heads: (a) Material ____ T.S. ____ (b) Material ____ T.S. ____

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Conv. or Conc.)
(a)								
(b)								

If removable, bolts used ____ (Material, Spec. No., T.S., Size, Number) Other fastening ____ (Describe or attach sketch)

N/A 7. Jacket Closure: ____ (Describe as ogee and weld, bar, etc. If bar give dimensions, if bolted, describe or sketch)

8. Design pressure[2] ____ psi at ____ °F Drop Weight ____ Charpy Impact ____ ft-lb at temp. of ____ °F

N/A

Items 9 and 10 to be completed for tube sections

N/A 9. Tube Sheets: Stationary. Material ____ (Kind & Spec. No.) Dia. ____ (Subject to pressure) Thickness ____ in. Attachment ____ (Welded, Bolted)

Floating. Material ____ Dia. ____ Thickness ____ in. Attachment ____

N/A 10. Tubes: Material ____ O.D. ____ in. Thickness ____ inches or gage. Number ____ Type ____ (Str. or U)

Items 11–14 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

N/A 11. Shell: Material ____ (Kind & Spec. No.) T.S. ____ (Min. of Range Specified) Nominal Thickness ____ in. Corrosion Allowance ____ in. Dia. ____ ft. ____ in. Length ____ ft. ____ in.

12. Seams: Long ____ H.T.[1] ____ R.T. ____ Efficiency ____ %

N/A

Girth ____ H.T.[1] ____ R.T. ____ No. of Courses ____

N/A 13. Heads (a) Material ____ T.S. ____ (b) Material ____ T.S. ____

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Press. (Conv. or Conc.)
(a) Top, bottom, ends								
(b) Channel								

If removable, bolts used (a) ____ (b) ____ (c) ____ Other fastening ____ (Describe or attach sketch)

14. Design pressure[2] 2500 psi at 650 °F Drop Weight ____ Charpy Impact ____ ft-lb at temp. of ____ °F

Items below to be completed for all vessels where applicable.

N/A 15. Safety Valve Outlets: Number ____ Size ____ Location ____

N/A 16. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Dia. or Size	Type	Material	Thickness	Reinforcement Material	How Attached

17. Inspection Manholes, No. ____ Size ____ Location ____
Openings: Handholes, No. ____ Size ____ Location ____
Threaded, No. ____ Size ____ Location ____

N/A 18. Supports: Skirt ____ (Yes or No) Lugs ____ (Number) Legs ____ (Number) Other ____ (Describe) Attached ____ (Where & How)

[1] If Postweld Heat-Treated.
[2] Use other than "design" pressure with corresponding temperature when applicable.