



FPL

JAN 19 2001

L-2001-009
10 CFR 50.55a

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

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

Attached are the following reports for Turkey Point Unit 4 in accordance with the provisions of the ASME Code, Section XI:

Form NIS-1 Owners' Report for Inservice Inspections.

Form NIS-2 Owners' Report for Repairs or Replacements.

Form NIS-BB Owners' Data Report for Eddy Current Examination Results.

Summary of Visual Examinations and Functional Testing of Snubbers.

Summary of Inservice Inspection Examinations.

Summary of IWE Examinations.

Summary of System Pressure Testing.

Should there be any questions concerning this report, please contact us.

Very truly yours,

R. J. Hovey
Vice President
Turkey Point Plant

OIH

Attachments

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

A047

**TURKEY POINT
UNIT 4**

2000 REFUELING OUTAGE

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

1. **Owner:** Florida Power and Light Company
700 Universe Blvd.
Juno Beach, Florida 33408
2. **Plant:** Florida Power & Light Company
Turkey Point Nuclear Power Plant
9760 SW 344 Street
Florida City, Florida 33035
3. **Plant Unit:** 4
4. **Owner Certificate of Authorization (if required):** N/A
5. **Commercial Service Date:** September 7, 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 No.	National Board No.
Reactor Pressure Vessel	Babcock and Wilcox	610-0116	N/A	N-160
Regenerative Heat Exchanger	Westinghouse	4E200	N/A	N/A
Reactor Coolant System	Bechtel	N/A	N/A	N/A
Reactor Coolant Pump A	Westinghouse	5-618J713	N/A	N/A
Safety Injection System	Bechtel	N/A	N/A	N/A
RHR System	Bechtel	N/A	N/A	N/A
Steam Generator A, B, C	Westinghouse	16A-6341-1,2,3 FSGT-2991, 2992, 2993	N/A	N/A
Main Steam System	Bechtel	N/A	N/A	N/A
Auxiliary Feedwater	Bechtel	N/A	N/A	N/A
Main Feedwater System	Bechtel	N/A	N/A	N/A
Component Cooling	Bechtel	N/A	N/A	N/A

Owner: Florida Power & Light Company, 700 Universe Blvd. Juno Beach, Florida 33408
Plant: Turkey Point Nuclear Power Plant, 9760 SW 344 Street, Florida City, Florida 33035
Plant Unit: 4
Owner Certificate of Authorization (if required) N/A
Commercial Service Date: September 7, 1973
National Board Number for Unit: N/A

8. **Examination Dates:** from 9/25/00 to 10/23/00
9. **Inspection Period Identification:** Second Period, from 04/15/97 to 04/14/01.
10. **Inspection Interval Identification:** Third Interval, from 04/15/94 to 04/14/04.
11. **Applicable Edition of Section XI:** 1989, No Addenda, (IWE) 1992/1992 Addenda
12. **Date/Revision of Inspection Plan:** June 30, 1998/Revision 1.
13. **Abstract of examinations and test. Include a list of examinations and tests and a statement concerning status of work required for the inspection plan.**

Inservice Examinations of selected Class 1 and 2 components and piping systems of Florida Power and Light's (FPL) Turkey Point Unit 4 was performed during the 2000 Refueling Outage. This outage began on September 25, 2000 and ended October 23, 2000. This was the third outage of the second period of the third ten-year interval.

The components and piping systems examined were selected in accordance with the Third Ten-Year Inservice Inspection Program, which was prepared in accordance with the requirements of the American Society of Mechanical Engineers (ASME) Section XI, 1989 Edition, No Addenda.

Manual and Automated Ultrasonic, Visual, Magnetic Particle, and Liquid Penetrant non-destructive methods were used to examine components, piping, and their supports. FPL personnel supported by Washington International Group personnel performed the examinations. See the attached report: *Turkey Point Unit 4 Inservice Inspection Summary and Turkey Point Unit 4 IWE Summary* for examination scope and results.

FPL personnel supported by Westinghouse, Zetec, and NDE Technology personnel conducted Eddy Current examinations on Steam Generators A, B, and C from October 04, 2000 through October 09, 2000. Ten tubes were plugged during this outage. See the attached NIS-BB report for the summary of examination results.

The Feedwater Nozzle piping augmented examinations of all 3 steam generators were conducted utilizing the P-Scan automated ultrasonic examination system. The entire area from the nozzle ramp to a point one-pipe diameter past the elbow weld was examined with ultrasonics. No reportable indications were noted.

Snubber visual examinations and functional testing were conducted in accordance with ASME Section XI and Turkey Point Technical Specifications as allowed under Relief Request number 4. Basic-PSA, Inc supplied examination and testing services. See the attached report: *Summary of Visual Examinations and Functional Testing of Snubbers* for examination scope and results.

Owner: Florida Power & Light Company, 700 Universe Blvd. Juno Beach, Florida 33408
Plant: Turkey Point Nuclear Power Plant, 9760 SW 344 Street, Florida City, Florida 33035
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Owner Certificate of Authorization (if required) N/A
Commercial Service Date : September 7, 1973
National Board Number for Unit: N/A

System pressure testing was conducted by FPL visual examiners to meet the requirements of ASME Section XI Code and Turkey Point Technical Specifications as allowed under Relief Request number 9, 11, 12, and 16 and implemented through applicable procedures. See the attached report: *Summary of System Pressure Testing* for test boundaries and results.

IWE examinations were conducted in accordance The Containment Building Metallic Liner Inservice Inspection Program For Turkey Point Unit 3 & 4, which was written in accordance with ASME Section XI 1992 Edition, 1992 Addenda and is subject to the limitations and modifications of 10 CFR 50.55a(b)(2), 10 CFR 50.55a(g)(4), and 10 CFR 50.55a(g)(6). The requirements for the first inspection period as required by 10 CFR 50.55a (g)(6)(ii)(B)(1) have been met as applicable to IWE, Program B of ASME Section XI.

The completed examination percentages for the second period meet the requirements of Program B of ASME Section XI and applicable relief requests. A listing of examinations performed during this outage is attached to this summary.

14. Abstract of Results of Examinations and Tests.

Class 1

Reactor Pressure Vessel

One-third of the studs and nuts were examined with Magnetic Particle and Ultrasonic examination methods. One-third of the large and small washers was visually examined. No reportable indications were identified.

Reactor Coolant Pump A

100% of the studs were examined with the ultrasonic method. No reportable indications were identified.

Pressurizer

Pressurizer vessel welds and nozzle inner radii were examined with the ultrasonic method. No reportable indications were identified.

Steam Generators (Eddy Current)

Eddy Current examinations were performed of the tubing of the three Steam Generators. The results of the examinations are detailed in the NIS-BB report.

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Commercial Service Date: September 7, 1973
National Board Number for Unit: N/A

Regenerative Heat Exchanger

Per Relief Request # 3, a VT-3 visual examination was performed near the beginning of the outage to look for accumulated boric acid crystals and evidence of leakage and a VT-2 visual examination was performed during the system leakage test to look for evidence of leakage. No reportable indications were identified.

Reactor Coolant Piping

Reactor Coolant piping welds and supports were examined with surface, volumetric and visual methods. No reportable indications were identified.

Safety Injection Piping

Safety Injection piping welds and supports were examined with the surface and visual methods. One support was found to have a 0" clearance between the sliding plate and the angle iron (Refer to section 15, "Abstract of Corrective Measures"). No additional reportable indications were identified.

Residual Heat Removal Piping

One Residual Heat Removal piping integral attachment weld and support were examined with surface and visual methods. No reportable indications were identified.

Class 2

Steam Generator B

Steam Generator inlet and outlet bolting was examined with the visual method. No reportable indications were identified.

Main Steam Piping

Main steam piping welds were examined with volumetric and surface methods. Acceptable geometric indications were noted. No reportable indications were identified.

Main Feedwater Piping

Main Feedwater piping supports were examined with the visual method. No reportable indications were identified.

Augmented examinations were performed of the piping of the Steam Generator Feedwater nozzles ramp to a point one-pipe diameter past the elbow weld on all three loops with the

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 Commercial Service Date : September 7, 1973
 National Board Number for Unit: N/A

automated ultrasonic method. Acceptable geometric indications were noted. No reportable indications were identified.

Auxiliary Feedwater

Auxiliary feedwater piping supports were examined with the visual method. One support was found to have a discrepancy between the actual support configuration and the drawing (Refer to section 15, "Abstract of Corrective Measures"). No reportable indications were identified.

Component Cooling Piping

Component Cooling piping supports were examined with the visual method. No reportable indications were identified.

IWE Examinations

General visual examinations were performed of selected containment penetrations and surfaces. The following areas are considered inaccessible:

Zone 1	Penetration 61A (due to Accumulator Tank platform)
Zone 2	Fuel Transfer Area - 74° to 105° at elevation 14' to 39'6"
Zone 8	Fuel Transfer Area - 74° to 105° at elevation 39'6" to 59'6"
Zones 13-18	Inaccessible areas on top of crane support throughout entire zone
Penetration 39	Fuel Transfer Tube (incased in concrete)

During the General Visual examinations one area was found to have separation between the moisture barrier liner plate and the concrete slab and another area was found to have coating damage (Refer to section 15, "Abstract of Corrective Measures").

15. Abstract of Corrective Measures

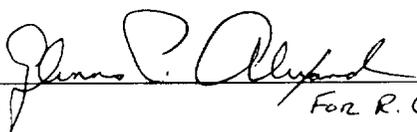
Support 3-SIH-56, on the Safety Injection system, was found to have 0" gap between the sliding plate and angle iron. An engineering evaluation showed the gap to be acceptable per Teledyne calculation TR-5322-106, Rev. 1 (page 37 of Ref. 4). Engineering has issued drawing change (CRN-C-10835) to reflect the as-built condition. Refer to CR No. 00-1693.

Support 80117-H-341-18, on the Auxiliary Feedwater system, was found to have a drawing discrepancy and the threaded rod is in contact with a u-bolt. An engineering evaluation showed the condition to be acceptable. Engineering has issued drawing change (CRN-C-10834) to reflect the as-built condition. Refer to CR No. 00-1725.

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 Plant: Turkey Point Nuclear Power Plant, 9760 SW 344 Street, Florida City, Florida 33035
 Plant Unit: 4
 Owner Certificate of Authorization (if required) N/A
 Commercial Service Date : September 7, 1973
 National Board Number for Unit: N/A

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. N/A Expiration Date N/A

Date: 12/19/00 Signed:  By MGR-C.S.I - ENG
 For R.G.L.

CERTIFICATE OF INSERVICE 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 County, Florida, and employed by Factory Mutual Insurance Company of Johnston, Rhode Island have inspected the components described in this Owner's Report during the period 4/8/99 to 10/23/00, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's 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.


 Inspector's Signature

NB 7245 FL 328
 National Board, State,
 Province, and Endorsements

Date: 12/21/2000

NIS-2 Reports

Abstract

The attached NIS-2 reports detail the repair/replacement of Class 1, 2 and 3 piping and components for Florida Power and Light Company, Turkey Point Unit 4. These repairs or replacements were performed prior to and during the fall 2000 refueling outage, between the dates of April 8, 1999 and October 23, 2000.

Piping and components were inspected/tested in accordance with Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel code "Rules for Inservice Inspection of Nuclear Power Components," 1989 Edition, No Addenda.

NIS-2 LOG

Report No.	Date
99-037-4	11/9/99
99-038-4	12/21/99
00-001-4	1/7/00
00-002-4	4/13/00
00-003-4	4/27/00
00-004-4	6/13/00
00-005-4	6/13/00
00-006-4	7/24/00
00-007-4	7/25/00
00-008-4	8/21/00
00-009-4	10/5/00
00-010-4	10/5/00
00-011-4	10/13/00
00-013-4	10/16/00
00-014-4	10/15/00
00-015-4	10/15/00
00-017-4	10/18/00
00-018-4	10/18/00
00-019-4	10/23/00
00-020-4	10/23/00
00-021-4	10/25/00
00-022-4	10/25/00
00-023-4	10/25/00
00-024-4	10/30/00
00-025-4	10/30/00
00-026-4	10/30/00
00-027-4	10/30/00
00-028-4	10/30/00
00-029-4	11/28/00
00-031-4	12/14/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 11/9/99
 Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4
 WO#: 99017244 01 CR#: 99-1485
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A
 Authorization Number N/A
 Expiration Date N/A

4. Identification of System: Component Cooling Water System #: 30 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
ROD, THREADED, (6) STUDS FABRICATED, ASME SA-193, GR B7	N/A	N/A	N/A	STK CODE 29493 1 UTC 416044	UNK	REPLACEMENT	NO
NUT, CARBON STEEL (12), ASTM A-194 GRADE 2H	N/A	N/A	N/A	STK CODE 27963 1 UTC 423666	UNK	REPLACEMENT	NO
SCREW, CAP, HEAVY HEX (4), ASME SA-193, GR B7	N/A	N/A	N/A	STK CODE 27122 1 UTC 373840	UNK	REPLACEMENT	NO

7. Description of Work:

REPLACED OUTLET SIDE CHANNEL HEAD COVER STUDS (6), NUTS (12), AND SCREWS (4).

8. Tests Conducted: Hydrostatic: _____ Pneumatic _____ Nominal Operating Pressure _____
 Other _____ Pressure _____ psig Test Temperature _____ deg F

FORM NIS-2 (Back)

9. Remarks Bolted connection, no welding required.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Paul Bonagyl for ATZelinks* Date 11/9/99
Owner or Owner's Designee, Title

CR

CERTIFICATE OF INSERVICE 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 County and employed by Factory Mutual Insurance Company of Norwood, Ma. have inspected the components described in this Owners Report during the period of 9/21/99 to 11/9/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W Jones
 Inspector's Signature

Commissions NB 7245 I FL 328
 National Board, State, Providence, and Endorsements

Date 11/9/99

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 12/21/99

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 99017888 01 CR#: N/A

Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
Cover studs (14), A-193 GR 7	Hayward	2298609390	N/A	STK CODE 14188 2 UTC 394431	UNK	Replacement	No
Nut, Heavy Hex (14) A-194 GR 2H	N/A	N/A	N/A	STK CODE 44572 1 UTC 425631	UNK	Replacement	No

7. Description of Work:

Replaced (14) cover studs and (14) nuts on cover.

8. Tests Conducted: Hydrostatic: _____ Pneumatic _____ Nominal Operating Pressure _____
 Other N/A Pressure N/A psig Test Temperature N/A deg F

FORM NIS-2 (Back)

9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Charles A. Scalls* Date 1/20/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE 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 County and employed by Factory Mutual Insurance Company of Norwood, Ma. have inspected the components described in this Owners Report during the period of 12/20/99 to 12/21/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

Charles A. Scalls _____ Commissions NB 7119
Inspector's Signature NB7245/FLE328
National Board, State, Providence, and Endorsements

Date 01-20-00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 1/7/00
 Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4
 WO#: 29020580 CR#: N/A
Repair Organization, P.O. No., Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A
 Authorization Number N/A
 Expiration Date N/A

4. Identification of System: Component Cooling Water System #: 30 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
ROD THREADED, (36) STUDS FABRICATED, ASME SA-193, GR B7	N/A	N/A	N/A	STK CODE 0029493-1 UTC # 428803	N/A	REPLACEMENT	N
NUT, HEAVY HEX, (72), ASTM A-194, GR. 7	N/A	N/A	N/A	STK CODE 0027837 UTC # 428761	N/A	REPLACEMENT	N

7. Description of Work:

REPLACED BOLTING ON INLET HEAD COVER; (36) STUDS AND (72) NUTS.

Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other N/A Pressure N/A psig Test Temperature N/A deg F

J. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed Andy Fielbaum SE NGR Date 1/20/00
Owner or Owner's Designee, Title

CAF

CERTIFICATE OF INSERVICE 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 County and employed by Factory Mutual Insurance Company of Norwood, Ma. have inspected the components described in this Owners Report during the period of 11/9/99 to 1/7/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

Charles A. Fiele
 Inspector's Signature

Commissions NB 7715
 National Board, State, Providence, and Endorsements

Date 01-20-00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 4/13/00
 Name
700 Universe Blvd. Juno Beach, FL 33408
 Address

2. Plant Turkey Point Plant Unit 4
 Name
9760 SW 344 Street Florida City, FL 33035
 Address
 WO#: 29011425 01 CR#: N/A
 Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
 Name
9760 SW 344 Street Florida City, FL 33035
 Address
 Authorization Number N/A
 Expiration Date N/A

4. Identification of System: Auxiliary Feedwater System #: 75 Quality Group B

5. (a) Applicable Construction Code B31.1 19 55 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
(1) SCREW, CAP, HEAVEY HEX, 3/4", ASME SA-193 GR B7	N/A	N/A	N/A	STK CODE 27122 1 UTC 424688 TRCE HCR63749	UNK	REPLACEMENT	N
(2) NUT, HEAVY HEX, 3/4"-10, ASTM A-563 GR B	N/A	N/A	N/A	STK CODE 27930 1 UTC 418461 TRCE H8098740	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED THE EXISTING 1/2" DIAMETER BOLT JOINING THE 3" PIPE CLAMP TO SUPPORT 4-AFX-8 WITH A 3/4" DIAMETER HEX HEAD BOLT AND DOUBLE NUT.

3. Tests Conducted: Hydrostatic: N/A Pneumatic: N/A Nominal Operating Pressure N/A
 Other VT-3 Pressure N/A psig Test Temperature N/A deg F

FORM NIS-2 (Back)

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *J. Cuddeback for ASB* Date 4/14/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 12/3/99 to 4/13/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

Amelia K. Hart
Inspector's Signature

Commissions HB 8230
National Board, State, Providence, and Endorsements

Date 4/25/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 4/27/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 30007432 01 CR#: N/A
9760 SW 344 Street Florida City, FL 33035 Repair Organization, P.O. No, Job No., etc.
Address

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
8" GATE VALVE, CAST IRON, ASTM A-126	CRANE	N7W30	N/A	STK CODE 52836 2 UTC 410052	UNK	REPLACEMENT	N
ROD, THREADED, 16 STUDS FABRICATED, A-36	N/A	N/A	N/A	STK CODE 29493 1 UTC 431593	UNK	REPLACEMENT	N
(32) NUTS, ASTM A-194 GR 7, HEAVY	N/A	N/A	N/A	STK CODE 27837 1 UTC 431033	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED VALVE ⁴ ~~3~~-50-326 WITH NEW VALVE, ALSO REPLACED (16) STUDS AND (32) NUTS.
 CT 04/27/00

8. Tests Conducted: Hydrostatic: _____ Pneumatic _____ Nominal Operating Pressure X
 Other VT-2 Pressure 14.5 psig Test Temperature 87 deg F

FORM NIS-2 (Back)

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Paul Bermany for ATZ* Date *4/27/00*
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 4/17/00 to 4/27/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W. J. Jones
 Inspector's Signature

Commissions *NB 7245 FL 328*
 National Board, State, Providence, and Endorsements

Date *25 MAY 2000*

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 6/13/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 29009888 01 CR#: 99-0697
9760 SW 344 Street Florida City, FL 33035 Repair Organization, P.O. No., Job No., etc.
Address

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
ROD, THREADED, (8) STUDS FABRICATED SA-193 GR B7	N/A	N/A	N/A	STK CODE 29493 1 UTC 430115	UNK	REPLACEMENT	N
(8) NUT, HEAVY HEX, C.S. SA-194	N/A	N/A	N/A	STK CODE 27084 1 UTC 428805	UNK	REPLACEMENT	N
PIPE, C.S., 55" USED, SA-106, GR B SCH. 40	N/A	N/A	N/A	STK CODE 30637 1 UTC 431874	UNK	REPLACEMENT	N
ELBOW, 90 DEGREE, 4", SCHED. 40, SA-234	N/A	N/A	N/A	STK CODE 33893 1 UTC 429994	UNK	REPLACEMENT	N
ELBOW, 90 DEGREE, 4", SCHED. 40, SA-234	N/A	N/A	N/A	STK CODE 33893 1 UTC 429995	UNK	REPLACEMENT	N

7. Description of Work:
 REPLACED VALVE 4-50-413 AND ASSOCIATED VENT LINE. ALL WORK ASSOCIATED WITH WO# 29009888 01 IS DOCUMENTED UNDER NIS-2 00-004-4 AND NIS-2 00-005-4.

8. Tests Conducted: Hydrostatic: _____ Pneumatic: _____ Nominal Operating Pressure X
 Other VT-2 Pressure 4 psig Test Temperature 85 deg F

FORM NIS-2 (Back)

9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL. CODE CASE N-416.1 WAS INVOKED FOR THIS REPLACEMENT ACTIVITY.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* SGR DGR Date 10/8/00
 Owner or Owner's Designee, Title

qcr

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 11/17/99 to 6/13/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
 Inspector's Signature

Commissions NB7245 FL 328
 National Board, State, Providence, and Endorsements

Date 10/11/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 6/13/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 29009888 01 CR#: 99-0697
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
PIPE, C.S. 4" USED, SA-108 GR B SCHED. 40	N/A	N/A	N/A	STK CODE 30618 1 UTC 408446	UNK	REPLACEMENT	N
3/4 CAP, SA 105, C.S.	N/A	N/A	N/A	STK CODE 33565 1 UTC 410324	UNK	REPLACEMENT	N
HALF COUPLIN, C.S.SA-105	N/A	N/A	N/A	STK CODE 33963 1 UTC 373908	UNK	REPLACEMENT	N
FLANGE, C.S. SA-105	N/A	N/A	N/A	STK CODE 34080 1 UTC 378035	UNK	REPLACEMENT	N
3/4" GLOBE VALVE, MODEL A848YT2	EDWARDS	N/A	N/A	STK CODE 52980 1 UTC 416498	UNK	REPLACEMENT	N

7. Description of Work:
 REPLACED VALVE 4-50-413 AND ASSOCIATED VENT LINE. ALL WORK ASSOCIATED WITH WO# 29009888 01 IS DOCUMENTED UNDER NIS-2 00-004-4 AND NIS-2 00-005-4.

8. Tests Conducted: Hydrostatic: _____ Pneumatic _____ Nominal Operating Pressure X
 Other VT-2 Pressure 4 psig Test Temperature 85 deg F

FORM NIS-2 (Back)

9. Remarks

ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL. CODE CASE N-416.1 WAS INVOKED FOR THIS REPLACEMENT ACTIVITY.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Judy DePaulo* SE MGR Date 10/8/00
Owner or Owner's Designee, Title

ak

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 11/17/99 to 6/13/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB 7245 FL 328
National Board, State, Providence, and Endorsements

Date 10/11/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 7/24/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 29020678 01 CR#: 99-1485
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Component Cooling Water System #: 30 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
ROD, THREADED (1 STUD FABRICATED) ASME SA-193 GR B7	N/A	N/A	N/A	STK CODE 29493 1 UTC 431734	UNK	REPLACEMENT	N
NUT (2), ASTM A-194 GR 7 HEAVY HEX	N/A	N/A	N/A	STK CODE 27837 1 UTC 428761	UNK	REPLACEMENT	N

7. Description of Work:
 REPLACED (1) STUD AND (2) NUTS

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* *JE MAR* Date 10/6/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/31/00 to 7/24/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB 7245 FL 328
National Board, State, Providence, and Endorsements

Date 06 OCT 2000

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 7/25/00

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 30009195 01 CR#: N/A

Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: Component Cooling Water System #: 30 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
NUT (2), 3/4', ASTM A-194 GR 7	N/A	N/A	N/A	STK CODE 27837 1 UTC 423130	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED (2) ERODED NUTS AT MANWAY ON THE 4B COMPONENT COOLING WATER HEAT EXCHANGER.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A

Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Judy Trebilcock* SE NGR Date 10/7/00
Owner or Owner's Designee, Title

CLK

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/15/00 to 7/25/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W. Dennis
Inspector's Signature

Commissions NB7245 FL328
National Board, State, Providence, and Endorsements

Date 10/9/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 8/21/00
 Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9780 SW 344 Street Florida City, FL 33035
Address

Unit 4
 WO#: 30009032 CR#: N/A
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9780 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A
 Authorization Number N/A
 Expiration Date N/A

4. Identification of System: Component Cooling Water System #: 30 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
(1) NUT, ASTM A-194 GR 7, HEAVY HEX	N/A	N/A	N/A	STK CODE 27837 1 UTC 431033	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED ONE MISSING NUT AT MANWAY ON THE 4A COMPONENT COOLING WATER HEAT EXCHANGER

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks **BOLTED CONNECTION, NO WELDING REQUIRED.**

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Dudley Bielanko* *SE MAR* Date *10/2/00*
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/12/00 to 8/21/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W. Jones
 Inspector's Signature

Commissions *NB 7245 FL 328*
 National Board, State, Providence, and Endorsements

Date *10/11/00*

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 10/5/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Sheet 1 of 2

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 98014334 01 CR#: 95-240
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 19 55 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
PUMP 4P9C	JOHNSTON	N/A	N/A	4P9C (IST-3)	UNK	REPLACED	N
PUMP 4P9C	JOHNSTON	N/A	N/A	4P9C (IST-8)	UNK	REPLACEMENT	N
ROD, THREADED, 20 STUDS FABRICATED ASTM A193 GR B7	N/A	N/A	N/A	STK CODE 29507 1 UTC 426373	UNK	REPLACEMENT	N
NUT HEAVY HEX (20) ASTM A-194 GR 7	N/A	N/A	N/A	STK CODE 27861 UTC 433078	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED 4C ICW PUMP (IST-3) WITH SPARE PUMP (IST-8). ALSO REPLACED (20) STUDS AND (40) NUTS.

8. Tests Conducted: Hydrostatic: X Pneumatic _____ Nominal Operating Pressure _____
 Other VT-2 Pressure 18.5 psig Test Temperature 91 deg F

9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* SIG MGR Date 10/8/00
Owner or Owner's Designee, Title

ck

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 4/8/99 to 10/5/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB 7245 PL 328
National Board, State, Providence, and Endorsements

Date 10/12/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 10/5/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 98014332 01 CR#: 95-240
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
EXPANSION JOINT	N/A	N/A	N/A	STK CODE 14195 1 UTC 433031	UNK	REPLACEMENT	N
STUD (20), ASTM A193 B7	N/A	N/A	N/A	STK CODE UTC 428941	UNK	REPLACEMENT	N
NUT HEAVY HEX (20), ASTM A-194 GR 7	N/A	N/A	N/A	STK CODE 27861 1 UTC 433078	UNK	REPLACEMENT	N

7. Description of Work:
 REPLACED EXPANSION JOINT, (20) STUDS AND (20) NUTS.

8. Tests Conducted: Hydrostatic: X Pneumatic _____ Nominal Operating Pressure _____
 Other VT-2 Pressure 18.5 psig Test Temperature 91 deg F

FORM NIS-2 (Back)

9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Audrey Pielak* SE UGR Date 10/7/00
Owner or Owner's Designee, Title

OK

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 4/8/99 to 10/5/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature] _____ Commissions NB7245 FL328
Inspector's Signature National Board, State, Providence, and Endorsements

Date 10/12/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 10/13/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 30017172 01 CR#: 00-1576
9760 SW 344 Street Florida City, FL 33035 Repair Organization, P.O. No, Job No., etc.
Address

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Residual Heat Removal System #: 50 Quality Group B

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
ROD, THREADED (8) STUDS FABRICATED, ASME SA 193 GR B7	N/A	N/A	N/A	STK CODE 29490 1 UTC 430227	UNK	REPLACEMENT	N
NUT (16), ASTM A-194 GR 2H HEAVY HEX	N/A	N/A	N/A	STK CODE 27836 1 UTC 424347	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED (8) STUDS AND (16) NUTS.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other VT-1 Pressure N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* SEALER Date 10/13/00
Owner or Owner's Designee, Title

OK

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 10/3/00 to 10/13/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature] _____
 Inspector's Signature

Commissions NB7245 FL328
 National Board, State, Providence, and Endorsements

Date 10/17/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 10/18/00
700 Universe Blvd. Juno Beach, FL 33408
 Name Address

2. Plant Turkey Point Plant Unit 4
9760 SW 344 Street Florida City, FL 33035
 Name Address WO#: 29009939 01 CR#: 99-0056
 Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
9760 SW 344 Street Florida City, FL 33035 Name Address Authorization Number N/A
 Expiration Date N/A

4. Identification of System: Intake Cooling Water System #: 19 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
VALVE (1), 36" BUTTERFLY	N/A	N/A	N/A	STK CODE 52333 2 UTC 325416	UNK	REPLACEMENT	N
NUT, (10) HEAVY HEX, ASTM A 194 GR 2H	N/A	N/A	N/A	STK CODE 27865 1 UTC 434721	UNK	REPLACEMENT	N
STUD (2), ASTM A193, GR B7	N/A	N/A	N/A	STK CODE 28044 1 UTC 416373	UNK	REPLACEMENT	N
STUD (6), ASTM A193, GR B7	N/A	N/A	N/A	STK CODE 28044 1 UTC 432745	UNK	REPLACEMENT	N

7. Description of Work:

REPLACE VALVE 4-50-310, (10) NUTS & (8) STUDS

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed Judy Tralouche SE MGR Date 10/17/00
Owner or Owner's Designee, Title

CR

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/15/00 to 10/16/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB7245 FL328
National Board, State, Providence, and Endorsements

Date 10/18/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/15/00
Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4
WO#: 30011986 01 CR#: N/A
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A
Authorization Number N/A
Expiration Date N/A

4. Identification of System: Supports and Hangers System #: 105 Quality Group A

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
SNUBBER 4-1051 PSA 10	PSA	11125	N/A	N/A N/A	UNK	REPLACED	N
SNUBBER 4-1051 PSA 10	PSA	17904	N/A	N/A N/A	UNK	REPLACEMENT	N
SNUBBER 4-1053 PSA 10	PSA	11446	N/A	N/A N/A	UNK	REPLACED	N
SNUBBER 4-1053 PSA 10	PSA	16245	N/A	N/A N/A	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED (2) PRESSUREIZER SNUBBERS - REPLACED 4-1051 S/N 11125 WITH S/N 17904 - REPLACED 4-1053 S/N 11446 WITH S/N 16245.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Dudy W. Kieba* SE MGR Date 10/17/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 6/16/00 to 10/15/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W Jones
Inspector's Signature

Commissions NB 7245 FL 328
National Board, State, Providence, and Endorsements

Date 10/18/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 10/15/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 30011986 01 CR#: N/A
9760 SW 344 Street Florida City, FL 33035 Repair Organization, P.O. No, Job No., etc.
Address

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Supports and Hangers System #: 105 Quality Group A

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
SNUBBER 4-1057 PSA 3	PSA	27080	N/A	N/A N/A	N/A	REPLACED	N
SNUBBER 4-1057 PSA 3	PSA	27092	N/A	N/A N/A	N/A	REPLACEMENT	N

7. Description of Work:
 REPLACED ONE (1) PRESSURIZER SNUBBER - REPLACED 4-1057 S/N 27080 WITH S/N 27092.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replaced component conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Andy Wickham* SE UGR Date 10/17/00
Owner or Owner's Designee, Title

ckr

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 6/16/00 to 10/15/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W. Jones
 Inspector's Signature

Commissions NB 7245 FL 328
 National Board, State, Providence, and Endorsements

Date 10/18/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner <u>Florida Power & Light</u> <small>Name</small> <u>700 Universe Blvd. Juno Beach, FL 33408</u> <small>Address</small>	Date <u>10/18/00</u> Sheet <u>1</u> of <u>2</u> Unit <u>4</u> WO#: <u>30018818 01</u> CR#: <u>N/A</u> <small>Repair Organization, P.O. No, Job No., etc.</small>
2. Plant <u>Turkey Point Plant</u> <small>Name</small> <u>9760 SW 344 Street Florida City, FL 33035</u> <small>Address</small>	Type Code Symbol Stamp <u>N/A</u> Authorization Number <u>N/A</u> Expiration Date <u>N/A</u>
3. Work Performed by <u>Florida Power & Light</u> <small>Name</small> <u>9760 SW 344 Street Florida City, FL 33035</u> <small>Address</small>	4. Identification of System: <u>Reactor Coolant</u> System #: <u>41</u> Quality Group <u>A</u>

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
NUT, (12) HEAVY HEX C.S. ASME SA-194 GR 2H	N/A	N/A	N/A	STK CODE 27084 1 UTC 428805	UNK	REPLACEMENT	N
ROD, THREADED (12) STUDS FABRICATED ASME SA-193 GR B7	N/A	N/A	N/A	STK CODE 29493 1 UTC 434126	UNK	REPLACEMENT	N

7. Description of Work:
 OVERHAULED VALVE MOV-4-535, REPLACED (12) STUDS AND (12) NUTS.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed [Signature] SE MGR Date 10/26/00
Owner or Owner's Designee, Title

CK

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 10/16/00 to 10/18/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB 7245 R 328
National Board, State, Providence, and Endorsements

Date 10/30/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light Date 10/18/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 29011641 01 CR#: 99-0813
9760 SW 344 Street Florida City, FL 33035 Repair Organization, P.O. No, Job No., etc.
Address

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: SPENT FUEL HANDLING System #: 38 Quality Group MC

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 Edition, 92 Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
BLIND FLANGE, DOUBLE GROOVE ASME SA-182 GR F304	N/A	N/A	N/A	STK 0236100 2 UTC 0000434616	UNK	REPLACEMENT	N

7. Description of Work:

REPLACE BLIND FLANGE SPENT FUEL CANAL

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A
 Other APP.J TYPE B Pressure N/A psig Test Temperature N/A deg F

FORM NIS-2 (Back)

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed Andy Bidawie SENER Date 11/7/00
 Owner or Owner's Designee, Title

ck

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 8/29/00 to 10/18/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W Jones
 Inspector's Signature

Commissions NB7245 FL328
 National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/23/00

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 29010612 01 CR#: 99-0690

Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: Safety Injection System #: 62 Quality Group A

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N-416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
VALVE (1), 2" PISTON CHECK	EDWARDS VALVES, INC	N/A	N/A	STK CODE 30938 01 UTC 420971	UNK	REPLACEMENT	N

7. Description of Work:
 REPLACED VALVE 4-873A

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X
 Other VT-2 Pressure 2280 psig Test Temperature 547 deg F

FORM NIS-2 (Back)

9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed [Signature] SE NGR Date 11/2/00
Owner or Owner's Designee, Title

CM

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/20/00 to 10/23/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB7245 FL328
National Board, State, Providence, and Endorsements

Date 12/12/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/23/00

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 30017904 01 CR#: N/A

Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: Component Cooling Water System #: 30 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
RELIEF VALVE, SET PRESSURE 150 PSIG	DRESSER	TK-97939	N/A	STK CODE 53486 1 UTC 407563	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED RELIEF VALVE RV-4-1431

8. Tests Conducted: Hydrostatic: X Pneumatic N/A Nominal Operating Pressure N/A
 Other VT-2 Pressure 84 psig Test Temperature 77 deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed [Signature] [Signature] Date 11/2/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 10/1/00 to 10/23/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB7245 FL328
National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 10/25/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name
9780 SW 344 Street Florida City, FL 33035 WO#: 29013107 01 CR#: N/A
Address Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9780 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: CVCS Boron Addition and Recycle System #: 46 Quality Group B

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
BONNET (1), 2" MANUAL DIAPHRAGM, ASME SA351	N/A	N/A	N/A	STK CODE 52627 1 UTC 433899	UNK	REPLACEMENT	N

7. Description of Work:
 REPLACED BONNET ON VALVE 4-353A. VALVE BODY AND BONNET WAS REQUISITIONED FROM STORES UNDER STOCK CODE # 52627 1, ONLY THE BONNET WAS UTILIZED FOR THIS REPLACEMENT.

8. Tests Conducted: Hydrostatic: N/A Pneumatic: N/A Nominal Operating Pressure X
 Other: VT-2 Pressure: 170 psig Test Temperature: 81 deg F

FORM NIS-2 (Back)

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Erudj Kiedouka* SE N/A Date 11/2/00
CET Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/21/00 to 10/25/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
 Inspector's Signature

Commissions NB7245 FL 328
 National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 10/25/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 28009247 01 CR#: N/A
Repair Organization, P.O. No., Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: CVCS Charging and Letdown System #: 47 Quality Group B

5. (a) Applicable Construction Code 831.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
(1) RELIEF VALVE, STAINLESS STEEL	N/A	SEE # 7	N/A	N/A N/A	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED RELIEF VALVE RV-4-203 (SERIAL # N82705-00-0004) WITH SPARE RELIEF VALVE (SERIAL # N82705-00-0002) .

8. Tests Conducted: Hydrostatic: X Pneumatic N/A Nominal Operating Pressure N/A
 Other VT-2 Pressure 2280 psig Test Temperature 547 deg F

9. Remarks **BOLTED CONNECTION, NO WELDING REQUIRED.**

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Andy Bolado* SE MGR Date 11/2/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 1/4/99 to 10/25/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature] _____
Inspector's Signature

Commissions NB7245 FL328
National Board, State, Providence, and Endorsements

Date 11/7/00 _____

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 10/25/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WOP#: 29008421 01 CR#: 99-0707
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: CVCS Charging and Letdown System #: 47 Quality Group B

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
(1) VALVE, 2" GLOBE S.S.	N/A	N/A	N/A	STK CODE 53130 1 UTC 396545	UNK	REPLACEMENT	N
(2) REDUCER, SEAMLESS, ASME SA403, WP316 SCH 160	N/A	N/A	N/A	STK CODE 237058 1 UTC 434084	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED GLOBE VALVE 4-333 AND REDUCERS ON EACH SIDE OF VALVE.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X
 Other VT-2 Pressure 2450 psig Test Temperature 88 deg F

FORM NIS-2 (Back)

9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Audrey Belandier SE MAR* Date 11/2/00
Owner or Owner's Designee, Title

CA

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 8/8/00 to 10/25/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

W. Jones _____
 Inspector's Signature

Commissions NB 7245 FL 328
 National Board, State, Providence, and Endorsements

Date 11/7/00 _____

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 10/30/00
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 30006911 01 CR#: N/A
9760 SW 344 Street Florida City, FL 33035 Repair Organization, P.O. No., Job No., etc.
Address

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Reactor Coolant System #: 41 Quality Group A

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
RELIEF VALVE (1), 4"	N/A	SEE BELOW	N/A	STK CODE 53561 1 UTC 389249	UNK	REPLACEMENT	N
NUT, (1) HEAVY HEX, ASME SA-194 GR 2H	N/A	N/A	N/A	STK CODE 27840 1 UTC 428811	UNK	REPLACEMENT	N
NUT, (6) HEAVY HEX, ASTM A-194 GR 7	N/A	N/A	N/A	STK CODE 27861 1 UTC 428635	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED VALVE RV-4-551B (SERIAL # 69877-00-0005) WITH SPARE VALVE (SERIAL # 69877-00-0004). ALSO REPLACED (7) NUTS.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X
 Other VT-1, VT-2 Pressure 2280 psig Test Temperature 547 deg F

FORM NIS-2 (Back)

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Audrey K. [Signature]* SE NIGOR Date 11/2/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 4/10/00 to 10/30/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB 7245 FL 328
National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/30/00

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 30006912 01 CR#: N/A

Repair Organization, P.O. No., Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: Reactor Coolant System #: 41 Quality Group A

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
RELIEF VALVE (1) 4"	N/A	SEE BELOW	N/A	STK CODE 176173 1 UTC 419093	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED VALVE RV-4-551C (SERIAL # H51249-1361) WITH SPARE VALVE (SERIAL # H512491581).

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X

Other VT-2 Pressure 2280 psig Test Temperature 547 deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *Audrey Beikala* *SE UGR* Date *11/2/00*
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 4/10/00 to 10/30/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code, Section XI.

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W Jones
Inspector's Signature

Commissions *NB 7245 FL 328*
National Board, State, Providence, and Endorsements

Date *11/7/00*

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/30/00

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 30006910 01 CR#: N/A

Repair Organization, P.O. No., Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: Reactor Coolant System #: 41 Quality Group A

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
RELIEF VALVE (1), 4"	N/A	EE BELOW	N/A	STK CODE 53561 1 UTC 389085	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED VALVE RV-4-551A (SERIAL # H51249-1362) WITH SPARE VALVE (SERIAL # H51249-1579).

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X
 Other VT-2 Pressure 2280 psig Test Temperature 547 deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* SE MAR Date 11/2/00
Owner or Owner's Designee, Title

ck

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 4/10/00 to 10/30/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB245 FL 328
National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

<p>1. Owner <u>Florida Power & Light</u> <small>Name</small> <u>700 Universe Blvd. Juno Beach, FL 33408</u> <small>Address</small></p>	<p>Date <u>10/30/00</u></p> <p>Sheet <u>1</u> of <u>2</u></p>
<p>2. Plant <u>Turkey Point Plant</u> <small>Name</small> <u>9760 SW 344 Street Florida City, FL 33035</u> <small>Address</small></p>	<p>Unit <u>4</u></p> <p>WO#: <u>30002493 01</u> CR#: <u>N/A</u> <small>Repair Organization, P.O. No, Job No., etc.</small></p>
<p>3. Work Performed by <u>Florida Power & Light</u> <small>Name</small> <u>9760 SW 344 Street Florida City, FL 33035</u> <small>Address</small></p>	<p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization Number <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p>
<p>4. Identification of System: <u>Main Feedwater</u> System #: <u>74</u> Quality Group <u>B</u></p>	

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
NUT (8) HEAVY HEX, C.S. ASME SA-194 GR 2H	N/A	N/A	N/A	STK CODE 27084 1 UTC 433908	UNK	REPLACEMENT	N
ROD, THREADED (8) STUDS FABRICATED ASME SA-193 GR B7	N/A	N/A	N/A	STK CODE 29493 1 UTC 431593	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED (8) NUTS AND (8) STUDS ON VALVE BONNET 4-20-333.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A

Other N/A Pressure N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed Dudy Wieland SE UGR Date 4/2/00
Owner or Owner's Designee, Title

ck

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 5/8/00 to 10/30/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
Inspector's Signature

Commissions NB 7245 FL 328
National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/30/00

Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4

WO#: 30015588 01 CR#: 00-0114

Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System: CVCS Charging and Letdown System #: 47 Quality Group B

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
VALVE (1) 2" GLOBE, 316 S.S.	N/A	N/A	N/A	STK CODE 53135 1 UTC 434725	UNK	REPLACEMENT	N

7. Description of Work:

REPLACED VALVE 4-1316.

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X

Other VT-2 Pressure 2450 psig Test Temperature N.O.T deg F

9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* SE MGR Date 11/2/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 9/9/00 to 10/30/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
 Inspector's Signature

Commissions NB7245 FL 328
 National Board, State, Providence, and Endorsements

Date 11/7/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 11/28/00
 Sheet 1 of 2

2. Plant Turkey Point Plant
Name
9760 SW 344 Street Florida City, FL 33035
Address

Unit 4
 WO#: 30008436 01 CR#: N/A
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power & Light
Name
9760 SW 344 Street Florida City, FL 33035
Address

Type Code Symbol Stamp N/A
 Authorization Number N/A
 Expiration Date N/A

4. Identification of System: Containment Airlocks / Hatches System #: 51 Quality Group MC

5. (a) Applicable Construction Code B31.1 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 92 Edition, 92 Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
HEAVY HEX NUT (2) ASTM A-194 GR 4, 1"-8 UNC-2B	UNK	UNK	N/A	Stock Code 0027975 1 UTC 429857	UNK	Replacement	N

7. Description of Work:

REPLACE UNDERSIZED BOLTING

8. Tests Conducted: Hydrostatic: N/A Pneumatic: N/A Nominal Operating Pressure N/A
 Other: N/A Pressure: N/A psig Test Temperature N/A deg F

9. Remarks BOLTED CONNECTION, NO WELDING REQUIRED.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No _____ N/A _____ Expiration Date _____ N/A _____

Signed *Judy [Signature]* SE MGR Dat 11/30/00
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during 5/3/00 to 11/28/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code.

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' 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.

[Signature] _____ Commissions NB 7245 FL 322
 Inspector's Signature National Board, State, Providence, and Endorsements

Dat 11/30/00

FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date 12/14/00
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 30019143 01 CR#: 00-1650
Repair Organization, P. O. No. Job No., etc.

3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization Number N/A
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address

4. Identification of System: Emergency Diesel Engine and Oil System #: 22 Quality Group C

5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Edition, N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp Yes/No
3" Tee, Sch 40 SA 403, 316 SS	NA	NA	NA	SC 0035133 1 UTC 381879	UNK	Replacement	N
3" Pipe, Sch 40, SA 312, 316 SS	NA	NA	NA	SC 0030911 1 UTC 374076	UNK	Replacement	N
Bar Stock, ASTM A 240, Type 316 SS, 3" x 1/2" (Welded attachment)	NA	NA	NA	SC 0223204 1 UTC 418529	UNK	Replacement	N
(2) 3" Elbows, Sch 40, SA 403, 316 SS	NA	NA	NA	SC 0034893 1 UTC 435075	UNK	Replacement	N
3" Sch 40 x 1/2" Sch 80 Reducer, SA 403, 316 SS	NA	NA	NA	SC 0238223 1 UTC 435079	UNK	Replacement	N

7. Description of Work:

Replaced leaking pipe per CR 00-1650 & PCM 00-035

8. Tests Conducted: Hydrostatic: No Pneumatic: Yes Nominal Operating Pressure NOP
 Other: VT-2 Pressure: 200 psig Test Temperature: 82.7 deg F

9. Remarks

ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL. CODE CASE N-416.1 WAS INVOKED FOR THIS REPLACEMENT ACTIVITY.

CERTIFICATE OF COMPLIANCE

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date: _____ N/A _____

Signed *[Signature]* S/E ALGOR Date 12/14/00
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Florida and employed by Factory Mutual Insurance Company of Johnston, Rhode Island, have inspected the components described in this Owners Report during the period of 10/20/00 to 12/14/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of 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' 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.

[Signature]
 Inspector's Signature

Commissions NB 7245 KL 328
 National Board, State, Providence, and Endorsements

Date 12/19/00

TURKEY POINT UNIT 4

2000 REFUELING OUTAGE

**Form NIS-BB Owner's Data Report for
Eddy Current Examination Results**

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

EDDY CURRENT EXAMINATION RESULTS

PLANT: Turkey Point Unit 4

EXAMINATION DATE: October 4, 2000 thru October 9, 2000

STEAM GENERATOR	TOTAL TUBES INSPECTED	TOTAL TUBES 20%-39%	TOTAL TUBES ≥40%, PIT & VOL	TUBES PREVENTIVELY PLUGGED (PTP)	TUBES PLUGGED THIS OUTAGE	TOTAL PLUGGED TUBES IN S/G
4E210A (Bobbin)	1602	0	0	0	0	See RPC
4E210B (Bobbin)	1604	1 ⁽¹⁾	0	1 ⁽²⁾	1 ⁽²⁾	See RPC
4E210C (Bobbin)	1607	3 ⁽¹⁾	0	1 ⁽³⁾	1 ⁽³⁾	See RPC
4E210A (RPC)	3242 ⁽⁴⁾	0	2	1 ⁽⁵⁾	3 ⁽⁶⁾	19
4E210B (RPC)	3247 ⁽⁴⁾	0	4	0	4 ⁽⁶⁾	13
4E210C (RPC)	3254 ⁽⁴⁾	0	1	0	1 ⁽⁶⁾	11

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

STEAM GENERATOR	AVB Bars	Tube Supports 1 thru 6 C/L	Tube Supports 1 thru 6 H/L	Freespan 6H thru 6C UBEND	Top of Tubesheet to #1 Support C/L	Top of Tubesheet to #1 Support H/L	Total Indications 20%-39%	Total Indications ≥40%, PIT & VOL
4E210A (Bobbin)	0	0	0	0	0	0	0	0
4E210B (Bobbin)	1 ⁽¹⁾	0	0	0	0	0	1	0
4E210C (Bobbin)	3 ⁽¹⁾	0	0	0	0	0	3	0
4E210A (RPC)	0	n/a	n/a	0	n/a	2	n/a	2
4E210B (RPC)	0	n/a	n/a	0	n/a	4	n/a	4
4E210C (RPC)	0	n/a	n/a	0	n/a	1	n/a	1

Remarks:

- (1) Mechanical wear damage at anti-vibration bars (AVB) was depth sized using qualified bobbin coil sizing technique.
- (2) One tube in 4B was preventatively plugged due to minor wear at the hot leg baffle plate.
- (3) One tube in 4C was preventatively plugged for AVB wear progression.
- (4) Includes tubes in the dent, low row U-bend and hot leg TTS expansion transition programs.
- (5) One tube in 4A was preventatively plugged due to permeability in the hot leg expansion transition area.
- (6) Includes volumetric (VOL) and pit (PIT) like indications.

PTN-4 S/G "B"

Indication Report

10/16/00 9:40:28 AM

Page 1 of 1

ROW	COL	CAL	VOLTS	DEG	CH	%	IND	SUPPORT	INCHES
34	46	BC009	0.55	0	P 2	20		AV2	-0.35

TOTAL INDICATIONS: 1

TOTAL TUBES: 1

PTN-4 S/G "C

Indication Report

10/16/00 9:43:24 AM

Page 1 of 1

ROW	COL	CAL	VOLTS	DEG	CH	%	IND	SUPPORT	INCHES
13	43	CC006	1.07	0	P 2	36		AV3	-0.79
32	70	CC012	0.61	0	P 2	24		AV1	-0.09
35	31	CC013	0.67	0	P 2	28		AV2	0.15

TOTAL INDICATIONS: 3

TOTAL TUBES: 3

PTN-4 S/G "A

Pluggable Indications

10/16/00 9:37:17 AM

Page 1 of 1

ROW	COL	CAL	VOLTS	DEG	CH	%	IND	SUPPORT	INCHES
12	25	AH009	0	0		0	PTP		0
26	80	AH028	0.16	92	P 1	0	PIT	TSH	2.27
33	73	AH029	0.41	114	P 1	0	VOL	TSH	0.17

TOTAL INDICATIONS: 3

TOTAL TUBES: 3

PTN-4 S/G "B**Pluggable Indications**

10/16/00 9:41:42 AM

Page 1 of 1

ROW	COL	CAL	VOLTS	DEG	CH	%	IND	SUPPORT	INCHES
2	90	BH056	0	0	P 4	0	PTP	BAH	-0.46
20	80	2H025	0.23	114	P 1	0	PIT	TSH	0
21	80	BH024	0.08	91	P 1	0	PIT	TSH	0.05
29	62	BH007	0.07	84	P 1	0	PIT	TSH	0.12
43	51	BH023	0.25	107	P 1	0	PIT	TSH	-0.04

TOTAL INDICATIONS: 5

TOTAL TUBES: 5

PTN-4 S/G "C

Pluggable Indications

10/16/00 9:43:17 AM

Page 1 of 1

ROW	COL	CAL	VOLTS	DEG	CH	%	IND	SUPPORT	INCHES
3	91	CH011	0.86	81	P1	0	PIT	TSH	0
13	43	CH035	0	0		0	PTP	AV3	-0.79

TOTAL INDICATIONS: 2

TOTAL TUBES: 2

**TURKEY POINT
UNIT 4**

2000 REFUELING OUTAGE

**SUMMARY OF VISUAL EXAMINATIONS AND
FUNCTIONAL TESTING OF SNUBBERS**

Abstract

The attached report details the snubber inspection/testing performed for Florida Power and Light Company, Turkey Point Unit 4. These tests and inspections were performed during the fall 2000 refueling outage, between the dates of September 25, 2000 and October 23, 2000.

Snubber inspection/testing was conducted in accordance with Plant Technical Specifications as allowed under Relief Request 4 of the Third Ten-Year Interval ISI Program.

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1004	3168	N/A	9/25/00	P	10/9/00	P	27 1/4"	P	Yes	P	THIS SNUBBER WAS SCHEDULED FOR REBUILD PER CR 97-399. SNUBBER WAS VISUALLY INSPECTED, REMOVED FROM ONE END AND HANDSTROKED, THEN REMOVED COMPLETELY TO BE REBUILT AND FUNCTIONALLY TESTED. REINSTALLED AND LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>169.0</td> <td>129.3</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>291.8</td> <td>364.0</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.003</td> <td>0.004</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>307.6</td> <td>604.2</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 9/27/00		TENSION	COMPRESSION	CRITERIA	TEST 1	169.0	129.3	2500.0	TEST 2	291.8	364.0	2500.0	TEST 3	0.003	0.004	.02g	TEST 4	307.6	604.2	2500.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	169.0	129.3	2500.0																													
TEST 2	291.8	364.0	2500.0																													
TEST 3	0.003	0.004	.02g																													
TEST 4	307.6	604.2	2500.0																													
4-1009	1228	1203	9/26/00	P	9/28/00	P	27 1/2"	P	Yes	P	THIS SNUBBER WAS SCHEDULED FOR REBUILD PER CR 97-399. SNUBBER WAS VISUALLY INSPECTED, IT WAS DIFFICULT TO HANDSTROKE SO IT WAS REMOVED AND TRANSPORTED TO THE TEST BENCH TO STROKE. AFTER TEST MACHINE STROKE IT WAS TORN DOWN FOR REBUILD. THE SNUBBER HAD WORN PARTS AND WAS REPLACED WITH S/N 1203 AFTER FUNCTIONAL TEST. LUBRICATED LOAD PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>193.5</td> <td>222.5</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>221.6</td> <td>483.1</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.007</td> <td>0.008</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>326.9</td> <td>486.1</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 9/29/00		TENSION	COMPRESSION	CRITERIA	TEST 1	193.5	222.5	2500.0	TEST 2	221.6	483.1	2500.0	TEST 3	0.007	0.008	.02g	TEST 4	326.9	486.1	2500.0
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**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1004	3168	N/A	9/25/00	P	10/9/00	P	27 1/4"	P	Yes	P	REMOVED SNUBBER FROM ONE END AND STROKED, THEN REMOVED COMPLETELY TO BE FUNCTIONALLY TESTED AND REBUILT. REINSTALLED AND LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>169.0</td> <td>129.3</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>291.8</td> <td>364.0</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.003</td> <td>0.004</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>307.6</td> <td>604.2</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 9/27/00		TENSION	COMPRESSION	CRITERIA	TEST 1	169.0	129.3	2500.0	TEST 2	291.8	364.0	2500.0	TEST 3	0.003	0.004	.02g	TEST 4	307.6	604.2	2500.0
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TEST 4	307.6	604.2	2500.0																													
4-1009	1228	1203	9/26/00	P	9/28/00	P	27 1/2"	P	Yes	P	SNUBBER HANDSTROKED AND REMOVED FOR FUNCTIONAL TEST AND REBUILD. SNUBBER HAD WORN PARTS AND WAS REPLACED WITH S/N 1203. LUBRICATED LOAD PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>193.5</td> <td>222.5</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>221.6</td> <td>483.1</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.007</td> <td>0.008</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>326.9</td> <td>486.1</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 9/29/00		TENSION	COMPRESSION	CRITERIA	TEST 1	193.5	222.5	2500.0	TEST 2	221.6	483.1	2500.0	TEST 3	0.007	0.008	.02g	TEST 4	326.9	486.1	2500.0
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TEST 2	221.6	483.1	2500.0																													
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**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1034	16243	N/A	10/2/00	P	10/2/00	P	22 5/8"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>49.2</td> <td>28.6</td> <td>750.0</td> </tr> <tr> <td>TEST 2</td> <td>66.3</td> <td>51.9</td> <td>750.0</td> </tr> <tr> <td>TEST 3</td> <td>0.010</td> <td>0.007</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>77.5</td> <td>22.3</td> <td>750.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 10/2/00		TENSION	COMPRESSION	CRITERIA	TEST 1	49.2	28.6	750.0	TEST 2	66.3	51.9	750.0	TEST 3	0.010	0.007	.02g	TEST 4	77.5	22.3	750.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	49.2	28.6	750.0																													
TEST 2	66.3	51.9	750.0																													
TEST 3	0.010	0.007	.02g																													
TEST 4	77.5	22.3	750.0																													
4-1036	11461	N/A	10/2/00	P	10/3/00	P	18 5/8"	P	Yes	P	PERFORMED VISUAL INSPECTION. SNUBBER REMOVED AND TAKEN TO TEST MACHINE FOR STROKE/REGREASE/REBUILD. LUBRICATED LOAD PINS AND SPHERICAL BEARINGS, REINSTALLED SNUBBER.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>19.5</td> <td>49.5</td> <td>750.0</td> </tr> <tr> <td>TEST 2</td> <td>39.8</td> <td>56.7</td> <td>750.0</td> </tr> <tr> <td>TEST 3</td> <td>0.010</td> <td>0.008</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>50.9</td> <td>46.9</td> <td>750.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 10/5/00		TENSION	COMPRESSION	CRITERIA	TEST 1	19.5	49.5	750.0	TEST 2	39.8	56.7	750.0	TEST 3	0.010	0.008	.02g	TEST 4	50.9	46.9	750.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	19.5	49.5	750.0																													
TEST 2	39.8	56.7	750.0																													
TEST 3	0.010	0.008	.02g																													
TEST 4	50.9	46.9	750.0																													

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY			
4-1040	17419	N/A	9/28/00	P	9/30/00	P	17"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3	FUNCTIONAL TEST PERFORMED?	Yes		
												STATUS	P		
													TENSION	COMPRESSION	CRITERIA
												TEST 1	13.3	14.8	300.0
												TEST 2	22.2	18.5	300.0
												TEST 3	0.008	0.013	.02g
												TEST 4	19.3	20.9	300.0
												TEST SAMPLE?	Yes	SAMPLE CLASS	SR
												DATE REINSTALLED:			10/1/00
4-1044	3919	17902	10/4/00	P	3/5/00	P	20 3/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. REMOVED SNUBBER FOR FUNCTIONAL TEST/REBUILD. LUBRICATED PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. S/N 17902 WAS INSTALLED. S/N 3919 PUT IN STORAGE AS SPARE.	FUNCTIONAL TEST PERFORMED?	Yes		
												STATUS	P		
													TENSION	COMPRESSION	CRITERIA
												TEST 1	60.94	72.58	750.0
												TEST 2	133.65	85.39	750.0
												TEST 3	0.009	0.008	.02g
												TEST 4	85.57	62.56	750.0
												TEST SAMPLE?	No	SAMPLE CLASS	N/A
												DATE REINSTALLED:			10/4/00

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1046	3905	17906	10/4/00	P	10/6/00	P	21 5/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE REMOVED SNUBBER FOR FUNCTIONAL TEST/REBUILD. LUBRICATED PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. S/N 17906 WAS INSTALLED S/N 3905 PUT IN STORAGE AS SPARE.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>32.8</td> <td>36.9</td> <td>300.0</td> </tr> <tr> <td>TEST 2</td> <td>54.3</td> <td>36.9</td> <td>300.0</td> </tr> <tr> <td>TEST 3</td> <td>0.010</td> <td>0.007</td> <td>02g</td> </tr> <tr> <td>TEST 4</td> <td>73.0</td> <td>47.9</td> <td>300.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 10/4/00		TENSION	COMPRESSION	CRITERIA	TEST 1	32.8	36.9	300.0	TEST 2	54.3	36.9	300.0	TEST 3	0.010	0.007	02g	TEST 4	73.0	47.9	300.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	32.8	36.9	300.0																													
TEST 2	54.3	36.9	300.0																													
TEST 3	0.010	0.007	02g																													
TEST 4	73.0	47.9	300.0																													
4-1050	12374	N/A	10/5/00	P	10/5/00	P	18 1/2"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>26.2</td> <td>34.7</td> <td>750.0</td> </tr> <tr> <td>TEST 2</td> <td>40.0</td> <td>34.7</td> <td>750.0</td> </tr> <tr> <td>TEST 3</td> <td>0.011</td> <td>0.008</td> <td>02g</td> </tr> <tr> <td>TEST 4</td> <td>48.0</td> <td>24.1</td> <td>750.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS QR DATE REINSTALLED: 10/6/00		TENSION	COMPRESSION	CRITERIA	TEST 1	26.2	34.7	750.0	TEST 2	40.0	34.7	750.0	TEST 3	0.011	0.008	02g	TEST 4	48.0	24.1	750.0
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**TURKEY POINT NUCLEAR PLANT
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TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1051	11125	17904	10/4/00	P	10/5/00	P	22 1/2"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. REMOVED SNUBBER FOR FUNCTIONAL TEST/REBUILD. LUBRICATED PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. S/N 17904 WAS INSTALLED. S/N 11125 PUT IN STORAGE AS SPARE.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>48.2</td> <td>32.5</td> <td>300.0</td> </tr> <tr> <td>TEST 2</td> <td>75.2</td> <td>49.6</td> <td>300.0</td> </tr> <tr> <td>TEST 3</td> <td>0.010</td> <td>0.008</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>87.1</td> <td>35.8</td> <td>300.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 10/4/00		TENSION	COMPRESSION	CRITERIA	TEST 1	48.2	32.5	300.0	TEST 2	75.2	49.6	300.0	TEST 3	0.010	0.008	.02g	TEST 4	87.1	35.8	300.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	48.2	32.5	300.0																													
TEST 2	75.2	49.6	300.0																													
TEST 3	0.010	0.008	.02g																													
TEST 4	87.1	35.8	300.0																													
4-1053	11446	16245	10/4/00	P	10/5/00	P	21 3/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. REMOVED SNUBBER FOR FUNCTIONAL TEST/REBUILD. LUBRICATED PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. S/N 16245 WAS INSTALLED. S/N 11446 PUT IN STORAGE AS SPARE.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>14.7</td> <td>42.5</td> <td>300.0</td> </tr> <tr> <td>TEST 2</td> <td>42.8</td> <td>74.4</td> <td>300.0</td> </tr> <tr> <td>TEST 3</td> <td>0.012</td> <td>0.007</td> <td>0.02g</td> </tr> <tr> <td>TEST 4</td> <td>40.8</td> <td>76.7</td> <td>300.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 10/4/00		TENSION	COMPRESSION	CRITERIA	TEST 1	14.7	42.5	300.0	TEST 2	42.8	74.4	300.0	TEST 3	0.012	0.007	0.02g	TEST 4	40.8	76.7	300.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	14.7	42.5	300.0																													
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OUTAGE SUMMARY REPORT
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TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1057	27080	27092	10/4/00	P	10/6/00	P	18 9/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. REMOVED SNUBBER FOR FUNCTIONAL TEST/REBUILD. LUBRICATED PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. S/N 27092 WAS INSTALLED. S/N 27080 PUT IN STORAGE AS SPARE.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>19.7</td> <td>22.1</td> <td>300.0</td> </tr> <tr> <td>TEST 2</td> <td>24.4</td> <td>26.5</td> <td>300.0</td> </tr> <tr> <td>TEST 3</td> <td>0.003</td> <td>0.003</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>24.6</td> <td>22.2</td> <td>300.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 10/4/00		TENSION	COMPRESSION	CRITERIA	TEST 1	19.7	22.1	300.0	TEST 2	24.4	26.5	300.0	TEST 3	0.003	0.003	.02g	TEST 4	24.6	22.2	300.0
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TEST 3	0.003	0.003	.02g																													
TEST 4	24.6	22.2	300.0																													
4-1059	27103	N/A	10/5/00	P	10/5/00	P	17"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>13.3</td> <td>16.0</td> <td>300.0</td> </tr> <tr> <td>TEST 2</td> <td>26.3</td> <td>19.1</td> <td>300.0</td> </tr> <tr> <td>TEST 3</td> <td>0.006</td> <td>0.006</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>24.7</td> <td>21.3</td> <td>300.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 10/6/00		TENSION	COMPRESSION	CRITERIA	TEST 1	13.3	16.0	300.0	TEST 2	26.3	19.1	300.0	TEST 3	0.006	0.006	.02g	TEST 4	24.7	21.3	300.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	13.3	16.0	300.0																													
TEST 2	26.3	19.1	300.0																													
TEST 3	0.006	0.006	.02g																													
TEST 4	24.7	21.3	300.0																													

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY			
4-1070	10036	N/A	9/28/00	P	9/29/00	P	26 3/4"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED?	Yes		
												STATUS	P		
												TENSION	COMPRESSION	CRITERIA	
												TEST 1	798.7	227.0	2500.0
												TEST 2	823.4	674.9	2500.0
												TEST 3	0.002	0.003	.02g
												TEST 4	274.0	197.0	2500.0
												TEST SAMPLE?	Yes	SAMPLE CLASS	SR
												DATE REINSTALLED:			10/1/00
4-1072	16235	N/A	10/2/00	P	10/2/00	P	21 3/16"	P	Yes	P	Performed visual inspection, snubber was removed and taken to test trailer to stroke on bench. Although the snubber tested SAT it was torn down and the thrust bearing was replaced. Final functional was SAT. Snubber was reinstalled and pipe clamp adjusted per CR 00-1758. Lubricated loadpins and spherical bearings with neolube #24982-3.	FUNCTIONAL TEST PERFORMED?	Yes		
												STATUS	P		
												TENSION	COMPRESSION	CRITERIA	
												TEST 1	40.4	32.8	750.0
												TEST 2	81.7	42.1	750.0
												TEST 3	0.007	0.008	.02g
												TEST 4	63.5	38.2	750.0
												TEST SAMPLE?	No	SAMPLE CLASS	N/A
												DATE REINSTALLED:			10/7/00

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1074	19298	N/A	9/28/00	P	9/30/00	P	17 3/4"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P TENSION COMPRESSION CRITERIA TEST 1 16.5 15.6 300.0 TEST 2 23.1 19.0 300.0 TEST 3 0.014 0.004 .02g TEST 4 20.2 24.4 300.0 TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 9/30/00
4-1078	24430A	N/A	9/28/00	P	9/30/00	P	13 5/8"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P TENSION COMPRESSION CRITERIA TEST 1 2.2 8.1 75.0 TEST 2 7.5 9.7 75.0 TEST 3 0.012 0.012 0.02g TEST 4 9.7 8.3 75.0 TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 9/30/00

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1087	12994	N/A	9/26/00	P	9/27/00	P	27 1/2"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>171.0</td> <td>216.3</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>255.5</td> <td>227.1</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.003</td> <td>0.003</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>197.1</td> <td>125.7</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS QR DATE REINSTALLED: 9/29/00		TENSION	COMPRESSION	CRITERIA	TEST 1	171.0	216.3	2500.0	TEST 2	255.5	227.1	2500.0	TEST 3	0.003	0.003	.02g	TEST 4	197.1	125.7	2500.0
	TENSION	COMPRESSION	CRITERIA																													
TEST 1	171.0	216.3	2500.0																													
TEST 2	255.5	227.1	2500.0																													
TEST 3	0.003	0.003	.02g																													
TEST 4	197.1	125.7	2500.0																													
4-1091	12998	N/A	9/26/00	P	9/28/00	P	29"	P	No		PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>154.8</td> <td>99.5</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>155.4</td> <td>124.4</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.004</td> <td>0.003</td> <td>02g</td> </tr> <tr> <td>TEST 4</td> <td>147.3</td> <td>146.3</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS QR DATE REINSTALLED: 9/29/00		TENSION	COMPRESSION	CRITERIA	TEST 1	154.8	99.5	2500.0	TEST 2	155.4	124.4	2500.0	TEST 3	0.004	0.003	02g	TEST 4	147.3	146.3	2500.0
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TEST 4	147.3	146.3	2500.0																													

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY																				
4-1096	17871	N/A	9/25/00	P	9/26/00	P	19 3/16"	P	No	N/A	PERFORMED VISUAL INSPECTION. REMOVED FOR FUNCTIONAL TEST (SAT). REINSTALLED SNUBBER. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE 24982-3.	FUNCTIONAL TEST PERFORMED? Yes STATUS P <table border="1"> <thead> <tr> <th></th> <th>TENSION</th> <th>COMPRESSION</th> <th>CRITERIA</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>80.3</td> <td>40.8</td> <td>750.0</td> </tr> <tr> <td>TEST 2</td> <td>110.1</td> <td>40.8</td> <td>750.0</td> </tr> <tr> <td>TEST 3</td> <td>.007</td> <td>0.011</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>107.7</td> <td>41.4</td> <td>750.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS QR DATE REINSTALLED: 9/27/00		TENSION	COMPRESSION	CRITERIA	TEST 1	80.3	40.8	750.0	TEST 2	110.1	40.8	750.0	TEST 3	.007	0.011	.02g	TEST 4	107.7	41.4	750.0
	TENSION	COMPRESSION	CRITERIA																													
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**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1032	3707	N/A	9/28/00	P			26"	P	Yes	P	PERFORMED HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARING WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1033	7001	N/A	9/28/00	P			26 13/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE#24982-3	FUNCTIONAL TEST PERFORMED? No
4-1035	11439	N/A	10/2/00	P			21 1/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1037	11930	N/A	10/2/00	P			26 1/2"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T FUNCTIONAL INSPECT DATE	S T A T L DIMEN	S T A T HAND- STROKE ?	S T A T VISUAL SUMMARY	S T A T FUNCTIONAL TEST SUMMARY				
4-1038	29497	N/A	9/30/00	P		9 15/16"	N/A	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED?	No
4-1039	12988	N/A	10/3/00	P		25 5/8"	P	Yes	P	PERFORMED VISUAL ON SUPPORT END BY USE OF MANBASKET. VISUAL/HANDSTROKE. LOAD PIN AND SPHERICAL BEARING WAS WORN, BOTH REPLACED. LUBRICATED LOAD PIN AND SPHERICAL BEARING WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED?	No
4-1041	19721	N/A	10/1/00	P		17 7/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED?	No
4-1042	19727	N/A	10/6/00	P		17 7/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED?	No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T FUNCTIONAL INSPECT DATE	S T A T L DIMEN	S T A T HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY		
4-1043	27099	N/A	10/6/00	P		17 3/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1046	187	N/A	10/5/00	P		19 1/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1047	185	N/A	10/5/00	P		19 1/2"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1048	4251	N/A	10/5/00	P		20 3/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1049	10169	N/A	10/5/00	P			19 5/8"	P	Yes	P	PERFORMED VISUAL/REMOVED FOR HANDSTROKE. LUBRICATED LOAD PINS/SPHERICAL BEARINGS WITH NEOLUBE # 24982-3. REINSTALLED SNUBBER.	FUNCTIONAL TEST PERFORMED? No
4-1052	17189	N/A	10/5/00	P			21 7/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1054	17899	N/A	10/5/00	P			21 7/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1055	17900	N/A	10/5/00	P			20 7/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1056	17903	N/A	10/4/00	P			21 3/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1058	21379	N/A	10/6/00	P			16 9/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1061	19722	N/A	10/6/00	P			16 13/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1062	27076	N/A	10/6/00	P			17 1/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1063	27098	N/A	10/6/00	P			17 1/2"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1064	27077	N/A	10/6/00	P			17 1/5"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1065	20873	N/A	10/6/00	P			15 3/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1066	27094	N/A	10/6/00	P			16 3/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T E M E N T	FUNCTIONAL INSPECT DATE	S T A T E M E N T	L DIMEN	S T A T E M E N T	HAND- STROKE ?	S T A T E M E N T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1067	27097	N/A	10/6/00	P			17 1/2"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1068	27085	N/A	10/6/00	P			17 7/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1069	10033	N/A	10/1/00	P			27"	P	Yes	P	PERFORMED VISUAL, REMOVED FOR HANDSTROKE. LUBRICATED LOAD PINS AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. REINSTALLED SNUBBER.	FUNCTIONAL TEST PERFORMED? No
4-1071	16247	N/A	10/2/00	P			20 3/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3. LOOSE PIPE CLAMP. CR 00-1758 WRITTEN TO TIGHTEN/ADJUST PIPE CLAMP.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1073	3941	N/A	10/2/00	P			21 9/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1075	19297	N/A	9/30/00	P			15 3/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1076	24414A	N/A	9/30/00	P			13"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1077	18014	N/A	9/30/00	P			13 1/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T E M E N T	FUNCTIONAL INSPECT DATE	S T A T E M E N T	L DIMEN	S T A T E M E N T	HAND- STROKE ?	S T A T E M E N T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1079	23227	N/A	9/30/00	P			12 11/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1080	24431	N/A	9/30/00	P			11 3/4"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1081	19295	N/A	10/1/00	P			15 15/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1082	19296	N/A	10/1/00	P			17 11/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE. LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT NUCLEAR PLANT
OUTAGE SUMMARY REPORT
UNIT 4 2000 CYCLE 19 REFUELING OUTAGE WO # 30011986**

TAG #	SERIAL #	REPLACE- MENT S/N	VISUAL INSPECT DATE	S T A T	FUNCTIONAL INSPECT DATE	S T A T	L DIMEN	S T A T	HAND- STROKE ?	S T A T	VISUAL SUMMARY	FUNCTIONAL TEST SUMMARY
4-1083	24408A	N/A	10/1/00	P			14 1/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1084	23229	N/A	10/1/00	P			12 7/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1085	33622	N/A	10/1/00	P			10 7/16"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No
4-1100		N/A	10/1/00	P			10 5/8"	P	Yes	P	PERFORMED VISUAL/HANDSTROKE LUBRICATED LOAD PIN AND SPHERICAL BEARINGS WITH NEOLUBE #24982-3.	FUNCTIONAL TEST PERFORMED? No

**TURKEY POINT
UNIT 4**

2000 REFUELING OUTAGE

SUMMARY OF INSERVICE INSPECTION EXAMINATIONS

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 1

REACTOR PRESSURE VESSEL

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R				REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4000)									
011795	VESSEL TO CLOSURE HEAD SURFACE ON HEAD	B-N-1 B13.10	VT-3	4.3-19	C X	-	-	-	10/11/00 - VT3 Completed
.....									
(REF. DWG. NO. 5614-M-4001)									
023520	4-CH-S-21 THRU 40 RPV STUDS	B-G-1 B6.30	MT UT	2.2-1 & 2.2-2 5.8-1	C X	-	-	-	10/03/00 - MT Completed 10/03/00 - UT Completed **UT-11**
.....									
029320	4-CH-N-21 THRU 40 RPV NUTS	B-G-1 B6.10	MT UT	2.2-3 & 2.2-4 5.10-1	C X	-	-	-	10/03/00 - MT Completed 10/03/00 - UT Completed **UT-25**
.....									
035020	4-CH-LW 21 THRU 40 RPV LARGE WASHERS	B-G-1 B6.50	VT-1	4.1-10	C X	-	-	-	10/03/00 - VT1 Completed
.....									
040820	4-CH-SW-21 THRU 40 RPV SMALL WASHERS	B-G-1 B6.50	VT-1	4.1-11	C X	-	-	-	10/03/00 - VT1 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 2

STEAM GENERATOR B PRIMARY SIDE

ZONE NUMBER: 4-004

ASME
 SEC. XI
 CATEGY
 ITEM NO

EXAM
 METHOD

PROCEDURE

N I O
 S O N G T
 T R S E H
 A E I O E
 T C G M R

REMARKS
 CALIBRATION BLOCK

(REF. DWG. NO. 5614-M-4004)

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
052000	4-SGB-I BOLTING STEAM GENERATOR INLET MANWAY BOLTING	B-G-2 B7.30	VT-1	4.1-12	C X - - -	10/07/00 - VT1 Completed
052100	4-SGB-O BOLTING STEAM GENERATOR OUTLET MANWAY BOLTING	B-G-2 B7.30	VT-1	4.1-13 & 4.1-14	C X - - -	10/07/00 - VT1 Completed (Studs #1 thru #10 and #12 thru #16) 10/08/00 - VT1 Completed (#11)

REVISION: 0

INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 1 PCBEA STATUS COMPONENTS

PRESSURIZER

ZONE NUMBER: 4-006

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O			REMARKS
					S T A T E M E N T	R E I M E N T	G R A D E R	
(REF. DWG. NO. 5614-M-4002)								
054300	4-PLW-2 UPPER SHELL LONG SEAM	B-B B2.12	UT	5.1-1	C X	- - -	10/05/00 - UT Completed	**UT-6**
054400	4-PCW-7 UPPER SHELL TO HEAD	B-B B2.11	UT	5.1-1	C X	- - -	10/05/00 - UT Completed	**UT-8**
054600	SAFETY NOZZLE SAFETY NOZZLE INSIDE RADIUS SECTION	B-D B3.120	UT	5.13-1	C X	- - -	10/04/00 - UT Completed	**UT-8**
054800	SAFETY NOZZLE SAFETY NOZZLE INSIDE RADIUS SECTION	B-D B3.120	UT	5.13-2	C X	- - -	10/04/00 - UT Completed	**UT-8**
055000	SAFETY NOZZLE SAFETY NOZZLE INSIDE RADIUS SECTION	B-D B3.120	UT	5.13-3	C X	- - -	10/04/00 - UT Completed	**UT-8**
055200	RELIEF NOZZLE RELIEF NOZZLE INSIDE RADIUS SECTION	B-D B3.120	UT	5.13-4	C X	- - -	10/04/00 - UT Completed	**UT-8**
055400	SPRAY NOZZLE SPRAY NOZZLE INSIDE RADIUS SECTION	B-D B3.120	UT	5.13-5	C X	- - -	10/04/00 - UT Completed	**UT-8**

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 4

REACTOR COOLANT SYSTEM PRESSURIZER SURGE LINE

ZONE NUMBER: 4-016

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S A T	I O E C	I N I O M	O N E E R	R E M A R K S
(REF. DWG. NO. 5614-P-766-S SH. 2)									
062710	SR-400 SPRING HANGER	F-A F1.10	VT-3	4.3-12	C X	-	-	-	10/01/00 - VT3 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 5

REACTOR COOLANT SYSTEM PRESSURIZER SAFETY LOOP A

ZONE NUMBER: 4-017

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S A T	I R E C	G S I G	O T E M	REMARKS
(REF. DWG. NO. 5614-P-564-S SH. 3)									
063300	4"-RC-1401-1A NOZZLE TO SAFE-END	B-F B5.40	PT RT	3.3-8 9.3-1	C X	-	-	-	10/01/00 - PT Completed 10/02/00 - RT Completed (Acceptable rounded indications recorded in area 0 to 4 1/2) **NOZZLE - TBD, UT-53**
064250	4"-RC-1401-FB PIPING FLANGE BOLTING	B-G-2 B7.50	VT-1	4.1-7	C X	-	-	-	9/30/00 - VT1 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 6

REACTOR COOLANT SYSTEM PRESSURIZER SAFETY LOOP B

ZONE NUMBER: 4-018

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O				REMARKS
					S T A T E	O N S E I O	N G E O	T H E R	
(REF. DWG. NO. 5614-P-564-S SH. 3)									
064400	4"-RC-1402-1A NOZZLE TO SAFE-END	B-F B5.40	PT RT	3.3-9 9.3-2	C	-	-	X	10/01/00 - PT Completed (Acceptable Indications) 10/02/00 - RT Completed 10/01/00 - RT Completed **NOZZLE - TBD, UT-53**
065350	4"-RC-1402-FB PIPING FLANGE BOLTING	B-G-2 B7.50	VT-1	4.1-8	C	X	-	-	9/30/00 - VT1 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBRA STATUS COMPONENTS

PAGE: 7

REACTOR COOLANT SYSTEM PRESSURIZER SAFETY LOOP C

ZONE NUMBER: 4-019

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R				REMARKS	
(REF. DWG. NO. 5614-P-564-S SH. 2)										
065500	4"-RC-1403-1A NOZZLE TO SAFE-END	B-F B5.40	PT RT	3.3-7 9.3-3	C	-	-	-	X	10/01/00 - PT Completed (Acceptable Indications) 10/02/00 - RT Completed (Acceptable tungston reported in area 6 1/2 to 10 1/2, ID surface in area 10 1/2 to 13 1/2 and ID surface in area 13 1/2 to 0) 10/01/00 - RT Completed **NOZZLE - TBD, UT-53**
066450	4"-RC-1403-FB PIPING FLANGE BOLTING	B-G-2 B7.50	VT-1	4.1-9	C	X	-	-	-	9/30/00 - VT1 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY

PAGE: 8

THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBEA STATUS COMPONENTS

REACTOR COOLANT SYSTEM PRESSURIZER SPRAY TO PRZ.

ZONE NUMBER: 4-020

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O			REMARKS
					S T A T	R S E	E I O	
(REF. DWG. NO. 5614-P-566-S SH. 1)								
068750	4-RCH-6 SPRING HANGER	F-A F1.10	VT-3	4.3-15	C X	-	-	10/02/00 - VT3 Completed
069600	4"-RC-1404-31 SAFE-END TO NOZZLE	B-F B5.40	PT RT	3.3-5 9.3-4	C X	-	-	10/01/00 - PT Completed 10/02/00 - RT Completed (Acceptable 1/16 rounded indication reported in area 13 1/2 to 16 1/2) **UT-53**

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 9

REACTOR COOLANT SYSTEM PRESSURIZER RELIEF LINE

ZONE NUMBER: 4-022

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T E M E N T	I N S P E C I M E N T	O N G I N G M E N T	R E M A R K S
(REF. DWG. NO. 5614-P-564-S SH. 1)								
076700	4"-RC-1406-1A NOZZLE TO SAFE-END	B-F B5.40	PT RT	3.3-6 9.3-5	C X	-	-	10/01/00 - PT Completed
					-	-	X	10/02/00 - RT Completed (Acceptable 1/16" tungston reported in area 6 to 10 1/2) **NOZZLE - TBD, UT-53**
077450	4-RCH-4 SPRING HANGER	F-A F1.10	VT-3	4.3-13	C X	-	-	9/30/00 - VT3 Completed

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 10

REACTOR COOLANT PUMP A

ZONE NUMBER: 4-056

ASME

N I O
S O N G T
T R S E H
A E I O E
T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
	(REF. DWG. NO. 5614-M-4006)					
196900	4-RCP-FSA-1 THRU 24 FLANGE STUDS	B-G-1 B6.180	UT	5.8-2	C X - - -	10/07/00 - UT Completed **UT-18**

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 1 PCBEA STATUS COMPONENTS

PAGE: 11

CHEMICAL & VOLUME CONTROL, REGENERATIVE HEAT EXCH

ZONE NUMBER: 4-059

ASME

N I O
S O N G T
T R S E H
A E I O E
T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
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(REF. DWG. NO. 5614-M-4009)

199290	RGX 4E200	VT-2	4.2-2		C X - - -	09/25/00 - VT3 Completed
	VISUAL FOR LEAKAGE	VT-3	4.3-11		X - - -	10/21/00 - VT-2 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY

PAGE: 12

THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

STEAM GENERATOR B SECONDARY SIDE

ZONE NUMBER: 4-061

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O			REMARKS
					S T A T E M E N T	R E C O R D	G I O R Y	
(REF. DWG. NO. 5614-M-4004)								
206600	4-SGB-SS SECONDARY SIDE EXAMINATION		VISUAL UT	4.4-1 5.18-1	A X X	- - - - - -	10/01/00 - Visual Completed 10/01/00 - UT Thickness	**CALIBRATION BLOCK**

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

RESIDUAL HEAT REMOVAL SYSTEM INSIDE CONTAINMENT

ZONE NUMBER: 4-081

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T E M E N T	I N S P E C T I O N I N G	O T H E R E L E M E N T S	REMARKS
(REF. DWG. NO. 5614-P-509-S SH. 2)								
233540	8073-H-808-01	F-A	VT-3	4.3-17	A	X	-	10/07/00 - VT-3 Completed
	DOUBLE ACTING	F1.20	VT-3	4.3-18	X	-	-	(CR#00-1787 - Clamp slipping on pipe and spherical bearings are painted)
	RESTRAINT							10/10/00 - VT3 Completed after corrective action.

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

PAGE: 14

HIGH HEAD SAFETY INJECTION OUTSIDE CONTAINMENT

ZONE NUMBER: 4-097

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
(REF. DWG. NO. 5614-P-572-S SH. 3)						
256828	3-SIH-56 DOUBLE ACTING RESTRAINT	F-A F1.20	VT-3	4.3-9	C - X - -	09/27/00 - VT3 Completed. CR 00-1693 was written to address clearance of 0" instead of 1/16" per drawing. Engineering has issued a CRN-C-10835 to change the drawing. Hanger is acceptable as is.

256829	3-SIH-56 IA INTEGRAL ATTACHMENT	C-C C3.20	PT	3.3-1	C X - - -	09/25/00 - PT Completed

(REF. DWG. NO. 5614-P-783-S SH. 1)						
257140	4"-SI-2401-52 2" BRANCH CONNECTION	C-F-1 C5.21	PT	3.3-2	C X - - -	09/25/00 - PT Completed

257144	4"-SI-2401-53 2" BRANCH CONNECTION	C-F-1 C5.21	PT	3.3-2	C X - - -	09/25/00 - PT Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

PAGE: 15

HIGH HEAD SAFETY INJECTION

ZONE NUMBER: 4-098

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S A T	I O E C	I N I G M	O T E R	REMARKS

(REF. DWG. NO. 5614-P-783-S SH. 3)

257853	8081-H-003-03 DOUBLE ACTING RESTRAINT	F-A F1.20	VT-3	4.3-1	C	X	-	-	09/25/00 - VT3 Completed
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(REF. DWG. NO. 5614-P-513-S SH. 1)

257916	CONT PENETRATION P-59 ANCHOR	F-A F1.20	VT-3	4.3-10	C	X	-	-	09/28/00 - VT3 Complete
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TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBIA STATUS COMPONENTS

MAIN STEAM SYSTEM LOOP A OUTSIDE CONTAINMENT

ZONE NUMBER: 4-102

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O			REMARKS
					S O N	T R S	E H	
					A E I	O E		
					T C G	M R	**CALIBRATION BLOCK**	
(REF. DWG. NO. 5614-P-562-S SH. 2)								
262300	26"-MSA-2404-2 6" WELDOLET	C-F-2 C5.81	MT	2.2-6	C X	- - -		10/06/00 - MT Completed
262400	26"-MSA-2404-3 12" WELDOLET	C-F-2 C5.81	MT	2.2-7	C X	- - -		10/04/00 - MT Completed
262500	26"-MSA-2404-4 12" WELDOLET	C-F-2 C5.81	MT	2.2-7	C X	- - -		10/04/00 - MT Completed
262550	26"-MSA-2404-5LU LONGITUDINAL SEAM WELD	C-F-2 C5.52	MT UT	2.2-7 5.2-1	C X X	- - - - - -		10/04/00 - MT Completed 10/05/00 - UT Completed **UT-21**
262600	26"-MSA-2404-5 PIPE TO VALVE POV-4-2604	C-F-2 C5.51	MT UT	2.2-7 5.2-1	C X -	- - - - X -		10/04/00 - MT Completed 10/05/00 - UT Completed **UT-21**
263200	14"-MSA-2402-1 12" WELDOLET TO PIPE	C-F-2 C5.51	MT	2.2-7	C X	- - -		10/04/00 - Completed

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

MAIN STEAM SYSTEM LOOP B OUTSIDE CONTAINMENT

ZONE NUMBER: 4-103

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R				REMARKS **CALIBRATION BLOCK**	
(REF. DWG. NO. 5614-P-562-S SH. 2)										
264250	26"-MSB-2405-1LU LONGITUDINAL SEAM WELD	C-F-2	MT	2.2-5	C	X	-	-	-	10/06/00 - MT Completed
		C5.52	UT	5.2-2	X	-	-	-		10/07/00 - UT Completed **UT-21**
264300	26"-MSB-2405-1 PIPE TO PIPE	C-F-2	MT	2.2-5	C	X	-	-	-	10/06/00 - MT Completed
		C5.51	UT	5.2-2	-	-	X	-		10/07/00 - UT Completed **UT-21**
264350	26"-MSB-2405-1LD LONGITUDINAL SEAM WELD	C-F-2	MT	2.2-5	C	X	-	-	-	10/06/00 - MT Completed
		C5.52	UT	5.2-2	X	-	-	-		10/07/00 - UT Completed **UT-21**
264400	26"-MSB-2405-2 6" WELDOLET	C-F-2 C5.81	MT	2.2-5	C	X	-	-	-	10/06/00 - MT Completed
264500	26"-MSB-2405-3 12" WELDOLET	C-F-2 C5.81	MT	2.2-8	C	X	-	-	-	10/04/00 - MT Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

PAGE: 18

MAIN FEEDWATER SYSTEM LOOP A

ZONE NUMBER: 4-111

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S A T	I O E C	O N I G	T H E M	R E M A R K S
(REF. DWG. NO. 5614-P-770-S SH. 3)									
280650	4-FWH-38 SPRING HANGER	F-A F1.20	VT-3	4.3-14	C	X	-	-	10/02/00 - VT3 Completed

(REF. DWG. NO. 5614-P-557-S SH. 1)									
284460	Augmented Exam FROM NOZZLE RAMP TO 1 PIPE DIA. ON ELBOW	AUG	UT	AUT001-1	C	-	-	X	10/5/00 - UT Completed **UT-20, UT-29**

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 2 PCBEA STATUS COMPONENTS

PAGE: 19

MAIN FEEDWATER SYSTEM LOOP B

ZONE NUMBER: 4-112

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S A T	I O E C	I N I G O M	O T E E R	REMARKS
(REF. DWG. NO. 5614-P-558-S SH. 1)									
286980	Augmented Exam FROM NOZZLE RAMP TO 1 PIPE DIA. ON ELBOW	AUG	UT	AUT001-2	A	-	X	-	10/06/00 - UT Completed **UT-20, UT-29**

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY

PAGE: 20

THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBEA STATUS COMPONENTS

MAIN FEEDWATER SYSTEM LOOP C

ZONE NUMBER: 4-113

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S A T	I O E C	I N I O M	O G E R	REMARKS
(REF. DWG. NO. 5614-P-789-S SH. 1)									
289650	Augmented Exam FROM NOZZLE RAMP TO 1 DIA. ON ELBOW	AUG	UT	AUT001-3	A	-	X	-	10/06/00 - UT Completed **UT-20, UT-29**

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 2 PCBEA STATUS COMPONENTS

PAGE: 21

MAIN FEEDWATER BYPASS LOOP B

ZONE NUMBER: 4-115

ASME

N I O
S O N G T
T R S E H
A E I O E
T C G M R

SEC. XI

SUMMARY EXAMINATION AREA
NUMBER IDENTIFICATION

CATEGORY

EXAM

ITEM NO

METHOD

PROCEDURE

REMARKS

CALIBRATION BLOCK

(REF. DWG. NO. 5614-P-770-S SH. 2)

290850 7884-R-014-02 F-A VT-3 4.3-16 C X - - - 10/04/00 - VT3 Completed
DOUBLE ACTING F1.20
RESTRAINT

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 2 PCBQA STATUS COMPONENTS

RESIDUAL HEAT EXCHANGER A

ZONE NUMBER: 4-117

ASME
 SEC. XI
 CATEGORY
 ITEM NO

EXAM
 METHOD

PROCEDURE

N I O
 S O N G T
 T R S E H
 A E I O E
 T C G M R

REMARKS
 CALIBRATION BLOCK

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
(REF. DWG. NO. 5614-M-4010)						
292600	4-RHE-A3 INLET NOZZLE TO SHELL	C-B C2.33	VT-2	4.2-1	C X - - -	7/11/00 - VT2 Completed
292900	4-RHE-SPA-2 IA INTEGRALLY WELDED ATTACHMENT	C-C C3.10	PT	3.3-4	C X - - -	09/22/00 - PT Completed

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 23

COMPONENT COOLING WATER SYSTEM TO CCW PUMP C

ZONE NUMBER: 4-122

ASME

N I O
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T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE					REMARKS
(REF. DWG. NO. 5614-P-518-S SH. 9)									
294900	4-ACH-193 SPRING HANGER	F-A F1.30	VT-3	4.3-6	C X	-	-	-	09/25/00 - VT3 Completed
294950	4-ACH-193 IA INTEGRAL ATTACHMENT	D-A D1.20	VT-1	4.1-4	C X	-	-	-	09/25/00 - VT1 Completed

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (OORF)
CLASS 3 PCBQA STATUS COMPONENTS

PAGE: 24

COMPONENT COOLING WATER SYSTEM FROM CCW PUMP A

ZONE NUMBER: 4-152

ASME

N I O
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T R S E H
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T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE					REMARKS
(REF. DWG. NO. 5614-P-501-S SH. 1)									
314900	4-ACH-188 SPRING HANGER	F-A F1.30	VT-3	4.3-5	C X	-	-	-	09/25/00 - VT3 Completed
315000	4-ACH-188 IA INTEGRAL ATTACHMENT	D-A D1.20	VT-1	4.1-3	C X	-	-	-	09/25/00 - VT1 Completed

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 25

COMPONENT COOLING WATER SYSTEM FROM CCW PUMP B

ZONE NUMBER: 4-155

ASME

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T R S E H
A E I O E
T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
(REF. DWG. NO. 5614-P-501-S SH. 2)						
317800	4-ACH-184 DOUBLE ACTING RESTRAINT	F-A F1.30	VT-3	4.3-7	C X - - -	09/25/00 - VT3 Completed
317850	4-ACH-184 IA INTEGRAL ATTACHMENT	D-A D1.20	VT-1	4.1-5	C X - - -	09/25/00 - VT1 Completed

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 26

AUXILIARY FEEDWATER SYSTEM PUMP DISCHARGE

ZONE NUMBER: 4-160

ASME

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T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
(REF. DWG. NO. 5614-P-807-S SH. 4)						
322800	80117-H-324-07 SINGLE AND DOUBLE ACTING RESTRAINT	F-A F1.30	VT-3	4.3-3	C X - - -	09/25/00 - VT3 Completed
322850	80117-H-324-07 IA INTEGRAL ATTACHMENT	D-A D1.20	VT-1	4.1-2	C X - - -	09/25/00 - VT1 Completed

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 27

AUXILIARY FEEDWATER SYSTEM PUMP DISCHARGE

ZONE NUMBER: 4-162

ASME

N I O
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 T R S E H
 A E I O E
 T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
(REF. DWG. NO. 5614-P-807-S SH. 5)						
324600	4-CSTH-124 SINGLE ACTING RESTRAINT	F-A F1.30	VT-3	4.3-4	C X - - -	09/26/00 - VT3 Completed
324610	4-CSTH-124 IA INTEGRAL ATTACHMENT	D-A D1.20	VT-1	4.1-6	C X - - -	09/28/00 - VT1 Complete

CALIBRATION BLOCK

DATE: 01/04/01
 REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
 INSERVICE INSPECTION SUMMARY
 THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
 CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 28

AUXILIARY FEEDWATER PUMP SUCTION FROM COND.STG.TK.

ZONE NUMBER: 4-163

ASME

N I O
 S O N G T
 T R S E H
 A E I O E
 T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
(REF. DWG. NO. 5610-P-818-S SH. 3)						
326400	80117-H-341-18 SINGLE ACTING RESTRAINT	F-A F1.30	VT-3	4.3-2	C X - - -	09/26/00 - VT3 Completed. CR No. 00-1725 was issued due to a drawing discrepancy and the threaded rod in contact with a u-bolt. An engineering evaluation showed the condition to be acceptable. Engineering has issued drawing change (CRN-C-10834) to r
326450	80117-H-341-18 IA INTEGRAL ATTACHMENT	D-A D1.20	VT-1	4.1-1	C X - - -	09/26/00 - VT1 Completed

DATE: 01/04/01
REVISION: 0

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION SUMMARY
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 29

INTAKE COOLING WATER FROM CCW HEAT EXCHANGERS

ZONE NUMBER: 4-167

ASME

N I O
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T R S E H
A E I O E
T C G M R

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
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(REF. DWG. NO. 5614-P-810-S SH. 1)

330100	8046-H-190-10 SINGLE ACTING RESTRAINT	F-A F1.30	VT-3	4.3-8	C X - - -	09/27/00 - VT3 Completed
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**TURKEY POINT
UNIT 4**

2000 REFUELING OUTAGE

SUMMARY OF IWE EXAMINATIONS

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O R E I O G M	O N G T H E E R	REMARKS
								CALIBRATION BLOCK
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410000	CONTAINMENT LINER LINER PLATE-GENERAL VISUAL	E-A E1.11	GENERAL	4.7-21	C	X	- - -	10/06/00 - General Visual Completed
14 to 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410010	PENETRATION #1 RESID.HT.REMOVAL TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C	X	- - -	9/30/00 - General Visual Completed
410020	PENETRATION #2 RESID.HT.REMOVAL TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C	X	- - -	9/30/00 - General Visual Completed
410030	PENETRATION #3 R/C COOLING IN TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C	X	- - -	9/30/00 - General Visual Completed
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410040	PENETRATION #4 R/C COOLING OUT TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C	X	- - -	9/30/00 - General Visual Completed
410050	PENETRATION #5 PZR RELIEF TANK VENT TYPEV DETAIL12	E-A E1.11	GENERAL	4.7-10	C	X	- - -	9/30/00 - General Visual Completed
410060	PENETRATION #6 PZR RELIEF TANK N2 SUPPLY TYPEV DETAIL12	E-A E1.11	GENERAL	4.7-10	C	X	- - -	9/30/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (OORF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O N G E I O E M	O T H E R	REMARKS
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410070	PENETRATION #7 PZR RELIEF TANK H2O DEMIN. TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-11	C X	-	-	10/01/00 - General Visual Completed
410080	PENETRATION #8 PZR STEAM SPACE SAMP. TYPEIV DETAILS9	E-A E1.11	GENERAL	4.7-10	C X	-	-	9/30/00 - General Visual Completed
410090	PENETRATION #9 PZR LIQUID SPACE SAMP. TYPEIV DETAILS9	E-A E1.11	GENERAL	4.7-10	C X	-	-	9/30/00 - General Visual Completed
410100	PENETRATION #10 R/C DRAIN TANK VENT TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-11	C X	-	-	10/01/00 - General Visual Completed
410110	PENETRATION #11 LOW HEAD SAFTEY INJ. TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C X	-	-	9/30/00 - General Visual Completed
410120	PENETRATION #12 EXCESS LETDOWN HX IN TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C X	-	-	9/30/00 - General Visual Completed
410130	PENETRATION #13 EXCESS LETDOWN HX OUT TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C X	-	-	9/30/00 - General Visual Completed
410140	PENETRATION #14 LETDOWN TO NON REGEN HX TYPEI DETAILS3	E-A E1.11	GENERAL	4.7-10	C X	-	-	9/30/00 - General Visual Completed

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)						
410150	PENETRATION #15 CHARGING TO REGEN HX TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-8	C X - - -	9/30/00 - General Visual Completed
410160	PENETRATION #16 SPARE TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-11	C X - - -	10/01/00 - General Visual Completed
410170	PENETRATION #17 SAFETY INJ. TEST & PURGE TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-11	C X - - -	10/01/00 - General Visual Completed
410180	PENETRATION #18 SAFETY INJECTION TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-11	C X - - -	10/01/00 - General Visual Completed
410190	PENETRATION #19 (2) CONTAINMENT SPRAY TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-8	C X - - -	9/30/00 - General Visual Completed
410200	PENETRATION #20 R/C HOTLEG SAMPLE TYPEIV DETAIL9	E-A E1.11	GENERAL	4.7-8	C X - - -	9/30/00 - General Visual Completed
410210	PENETRATION #21 VENT COOLER CW LINE TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-11	C X - - -	10/01/00 - General Visual Completed
410220	PENETRATION #22 VENT COOLER CW RETURN TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-8	C X - - -	9/30/00 - General Visual Completed

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T C	I O R E I G	O N S I O M	G E O M	T H E R M	REMARKS
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)										
410230	PENETRATION #23 CONT SUMP PUMP/HOLD UP E1.11 TYPEI DETAILS3	E-A	GENERAL	4.7-11	C	X	-	-	-	10/01/00 - General Visual Completed
410240	PENETRATION #24 (3) CHARGE PUMP DIS TO RC PUMP TYPEI DETAILS3	E-A	GENERAL	4.7-8	C	X	-	-	-	9/30/00 - General Visual Completed
410250	PENETRATION #25 COOLANT PUMP DIS TO RC PUMP TYPEI DETAILS3	E-A	GENERAL	4.7-11	C	X	-	-	-	10/01/00 - General Visual Completed
410260	PENETRATION #31 RC DRAIN TK H2 ANAL TYPEIV DETAILS9	E-A	GENERAL	4.7-11	C	X	-	-	-	10/01/00 - General Visual Completed
410270	PENETRATION #32 CONT AIR SAMPLE IN TYPEI DETAILS3	E-A	GENERAL	4.7-11	C	X	-	-	-	10/01/00 - General Visual Completed
410280	PENETRATION #33 CONT AIR SAMPLE OUT TYPEI DETAILS3	E-A	GENERAL	4.7-11	C	X	-	-	-	10/01/00 - General Visual Completed
410290	PENETRATION #37 PLUGGED W/CONCRETE TYPEVI DETAILS13	E-A	GENERAL	4.7-11	C	X	-	-	-	10/01/00 - General Visual Completed
410300	PENETRATION #43 R/C PUMP CW OUTLET TYPEI DETAILS3	E-A	GENERAL	4.7-9	C	X	-	-	-	10/01/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T C	I O R E I G	O N S E I M	R E O M	T H E E R	REMARKS
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)										
410310	PENETRATION #44 (3) CW TO EMERG CONT COOLERS TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-9	C X	-	-	-	-	10/01/00 - General Visual Completed
410320	PENETRATION #45 (3) CW FROM EMERG CONT COOLERS TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-8	C X	-	-	-	-	9/30/00 - General Visual Completed
410330	PENETRATION #51 SPARE TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-9	C X	-	-	-	-	10/01/00 - General Visual Completed
410340	PENETRATION #52 R/C DRAIN TANK DISCH. TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-9	C X	-	-	-	-	10/01/00 - General Visual Completed
410350	PENETRATION #64B (2) S/G SAMPLE TYPEV	E-A E1.11	GENERAL	4.7-13	C X	-	-	-	-	10/1/00 - General Visual Completed
410351	PENETRATION #66A (2) SPARE	E-A E1.11	GENERAL	4.7-13	C X	-	-	-	-	10/1/00 - General Visual Completed
410355	PENETRATION #64C STEAM GEN SAMPLE	E-A E1.11	GENERAL	4.7-13	C X	-	-	-	-	10/1/00 - General Visual Completed
410356	PENETRATION #66B SPARE	E-A E1.11	GENERAL	4.7-13	C X	-	-	-	-	10/01/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O R E I G M	O N G E O E R	REMARKS
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410360	PENETRATION #55 ACCUM. SAMPLE LINE TYPEIV DETAIL9	E-A E1.11	GENERAL	4.7-9	C X	-	-	10/01/00 - General Visual Completed
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410370	PENETRATION #56 SPARE TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-9	C X	-	-	10/01/00 - General Visual Completed
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410390	PENETRATION #59 HIGH HEAD INJ. TO LOOP B TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-8	C X	-	-	9/30/00 - General Visual Completed
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410400	PENETRATION #60 HIGH HEAD INJ. TO LOOP C TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-9	C X	-	-	10/01/00 - General Visual Completed
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410410	PENETRATION #61B PZR DEAD WEIGHT TESTER TYPEVI DETAIL13	E-A E1.11	GENERAL	4.7-9	C X	-	-	10/01/00 - General Visual Completed
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410420	PENETRATION #61A SPARE TYPE I DETAIL3	E-A E1.11	GENERAL	4.7-12	C X	-	-	10/01/00 - General Visual Completed . Weld is partially hidden behind concrete platform.
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410430	PENETRATION #63 INSTR. AIR BLEED TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-8	C X	-	-	9/30/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (OORF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-001

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T O N G T R E A T C	I R E I E I M	O E O E M R	REMARKS
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
410440	PENETRATION #64 A S/G SAMPLE TYPE1 DETAIL3	E-A E1.11	GENERAL	4.7-13	C	X	- - -	10/01/00 - General Visual Completed
410740	PENETRATION #33 BOLTING (PENETRATION 33 TYPE1 DETAIL3)	E-G E8.10	VT-1	4.7-27	C	X	- - -	10/07/00 - VT1 Completed
410910	LINER PLATE @ AZIMUTH VISIBLE SURFACES	E-C E4.11	VT-1	4.7-35	C	-	X - -	10/07/00 - VT1 Complete Blistered coating has signs of repeated wetting . CR-00-1881 generated. Wetting caused by condensation due to containment air conditioning Repair of blistered coating is addressed in PMAI #PM00-10-111.
410930	MOISTURE BARRIER LINER PLATE TO FLOOR (MOISTURE BARRIER)	E-D E5.30	VT-3	4.7-16	C	-	X - -	10/04/00 - VT3 Completed 1 1/2" x 5" gap located between the concrete floor and a steel angle is holding water. CR#00-1817 generated. Steel angle is part of the containment air test system and is no longer in service.

REVISION: 0

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-002

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O R E I G	O N S E I O M	R E I O E	T H E R M	REMARKS
74 TO 134 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)										
410940	CONTAINMENT LINER LINER PLATE-GENERAL VISUAL	E-A E1.11	GENERAL	4.7-26	C	X	-	-	-	10/07/00 - General Visual Completed

DATE: 01/04/01
 REVISION: 0

IWE UNIT 4

PAGE: 9

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-003

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O N G E I O M	O T H E E R	REMARKS
134 TO 194 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
411030	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-25	C	X	- - -	10/07/00 - General Visual Completed
411040	PENETRATION 40 EQUIPMENT HATCH (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-45	C	X	- - -	10/02/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-004

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T C	I O R E I G	O G T E O M	REMARKS **CALIBRATION BLOCK**
194 TO 254 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
411120	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-24	C X	-	-	10/07/00 - General Visual Completed
411130	PENETRATION 28 (3) S/G BLOWDOWN SPECIAL DETAIL15	E-A E1.11	GENERAL	4.7-7	C X	-	-	9/30/00 - General Visual Completed
411140	PENETRATION 29 INSTRUMENT AIR TYPE I DETAIL3	E-A E1.11	GENERAL	4.7-7	C X	-	-	9/30/00 - General Visual Completed
411150	PENETRATION 29 BOLTING (INSTRUMENT AIR TYPE I DETAILS)	E-G E8.10	VT-1	4.7-19	C X	-	-	10/05/00 - VT1 Completed
411160	PENETRATION 30 SPARE TYPE I DETAILS3	E-A E1.11	GENERAL	4.7-7	C X	-	-	9/30/00 - General Visual Completed
411170	PENETRATION 30 BOLTING BOLTING (SPARE TYPE I DETAIL3)	E-G E8.10	VT-1	4.7-19	C X	-	-	10/05/00 - VT1 Completed
411180	PENETRATION 65 A CONT. ITEGRITY&LEAK RATE TYPE I DETAILS3	E-A E1.11	GENERAL	4.7-33	C X	-	-	9/30/00 - General Visual Completed
411185	PENETRATION 65 B CONT. ITEGRITY&LEAK RATE TYPE I DETAILS3	E-A E1.11	GENERAL	4.7-33	C X	-	-	9/30/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (OORF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-004

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O			REMARKS
					S T A T E	N R E I O	G N E E	
194 TO 254 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
411186	PENETRATION 65 C CONT. ITEGRITY&LEAK RATE TYPE I DETAILS	E-A E1.11	GENERAL	4.7-33	C X	-	-	9/30/00 - General Visual Completed
411240	PENETRATION 65 A BOLTING (PENETRATION 65 A TYPE I)	E-G E8.10	VT-1	4.7-32	C X	-	-	10/06/00 - VT1 Completed
411245	PENETRATION 65 B BOLTING (PENETRATION 65 A TYPE I)	E-G E8.10	VT-1	4.7-32	C X	-	-	10/06/00 - VT1 Completed
411250	PENETRATION 65 C BOLTING (PENETRATION 65 CTYPE I)	E-G E8.10	VT-1	4.7-32	C X	-	-	10/06/00 - VT1 Completed
411260	PENETRATION 65A GASKET GASKET (PENETRATION 65A TYPE I)	E-D E5.20	VT-3	4.7-31	C X	-	-	10/06/00 - VT3 Completed
411265	PENETRATION 65B GASKET GASKET (PENETRATION 65A TYPE I)	E-D E5.20	VT-3	4.7-31	C X	-	-	10/06/00 - VT3 Completed
411270	PENETRATION 65C GASKETS (PENETRATION 65C TYPE I)	E-D E5.20	VT-3	4.7-31	C X	-	-	10/06/00 - VT3 Completed
411300	MOISTURE BARRIER LINER PLATE TO FLOOR (MOISTURE BARRIER)	E-D E5.30	VT-3	4.7-20	C X	-	-	10/06/00 - VT3 Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-005

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O N G E I O M	O T H E R	REMARKS **CALIBRATION BLOCK**
254 TO 314 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)								
411310	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-23	C X	-	-	10/06/00 - General Visual Completed
411320	PENETRATION 38B (28) ELECTRICAL PENETRATIONS TYPEIII	E-A E1.11	GENERAL	4.7-5	C X	-	-	9/30/00 - General Visual Completed
411330	PENETRATION 41 PERSONNEL AIRLOCK SPECIAL	E-A E1.11	GENERAL	4.7-5	C X	-	-	9/30/00 - General Visual Completed
411370	PENETRATION 41 SURFACE AREA GRID-MIN WALL THICKNESS LOC	AUG AUG	VOLUMETRI	5.18-XX	C X	-	-	9-25-00 - UT THICKNESS MEASUREMENTS TAKEN FOR CR#97-1336 & PMAI99-05-163
411380	PENETRATION 41 PERSONNEL AIRLOCK SEALS SPECIAL	E-D E5.10	VT-3	4.7-1	C X	-	-	9/27/00 - VT3 Completed
411390	PENETRATION 41 PERSONNEL AIRLOCK GASKETS SPECIAL	E-D E5.20	VT3	4.7-1	C X	-	-	9/27/00 - VT3 Completed
411400	PENETRATION 41 BOLTING BOLTING (PEN.41 DIFF. PRESSURE GAUGE)	E-G E8.10	VT-1	4.7-44	C X	-	-	10/05/00 - VT1Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-005

ASME
SEC. XI

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	REMARKS
					CALIBRATION BLOCK

254 TO 314 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)

411410	PENETRATION 41 BOLTING E-G BOLTING (PEN.41 DIFF. EB.10 PRESSURE VALVE)	VT-1	4.7-44	C X - - -	10/05/00 - VT1 Completed
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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-006

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T C	I R E A G	O N S I G M	O T H E R R	REMARKS
314 TO 14 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)									
411450	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-22	C X	-	-	-	10/06/00 - General Visual Completed

411460	PENETRATION 38A (28) ELECTRICAL PENETRATIONS TYPEIII	E-A E1.11	GENERAL	4.7-6	C X	-	-	-	9/30/00 - General Visual Completed

314 TO 14 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)									
411470	PENETRATION 48B (2) ELECTRICAL PEN. (RC PUMP) TYPEIII	E-A E1.11	GENERAL	4.7-34	C X	-	-	-	9/30/00 - General Visual Completed

411475	PENETRATION 48C (2) ELECTRICAL PEN. (RC PUMP) TYPEIII	E-A E1.11	GENERAL	4.7-34	C X	-	-	-	09-30-00 -GENERAL VISUAL COMPLETE

314 TO 14 DEGREES AT 14' TO 39'6" (REF. DWG. NO.)									
411480	PENETRATION 46 (3) CONT. PRESSURE INSTR. TYPEI DETAIL3	E-A E1.11	GENERAL	4.7-6	C X	-	-	-	9/30/00 - General Visual Completed

314 TO 14 DEGREES 14' TO 39'6" (REF. DWG. NO.)									
411490	PENETRATION 36 CONTAINMENT PURGE SPECIAL DETAIL2	E-A E1.11	GENERAL	4.7-6	C X	-	-	-	9/30/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-008

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
74 TO 134 DEGREES AT 39'6" TO 59'6" (REF. DWG. NO.)						
411630	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-3	C X - - -	9/30/00 - General Visual Completed
411640	PENETRATION 49 EMERGENCY ESCAPE HATCH SPECIAL DETAILS	E-A E1.11	GENERAL	4.7-3	C X - - -	9/30/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (OORF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-009

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O R S E I G	O N G T H I O E M	REMARKS
								CALIBRATION BLOCK
	134 TO 194 DEGREES AT 39' 6" to 59' 6" (REF. DWG. NO.)							
411720	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-2	C	X	- - -	9/30/00 - General Visual Completed

DATE: 01/04/01
 REVISION: 0

IWE UNIT 4

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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-010

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T E C	I O R E I G M	O G T E O E R	REMARKS
194 TO 254 DEGREES AT 39'6" TO 59'6" (REF. DWG. NO.)								
411760	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-4	C	X	- - -	9/30/00 - General Visual Completed

411770	PENETRATION 27 (3) FEEDWATER SPECIAL DETAIL4	E-A E1.11	GENERAL	4.7-4	C	X	- - -	9/30/00 - General Visual Completed

254 TO 314 DEGREES AT 39'6" TO 59'6" (REF. DWG. NO.)								
411775	PENETRATION 26 A MAIN STEAM SPECIAL DETAIL4	E-A E1.11	GENERAL	4.7-4	C	X	- - -	9/30/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-011

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
254 TO 314 DEGREES AT 39'6" TO 59'6" (REF. DWG. NO.)						
411820	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-28	C X - - -	10/06/00 - General Visual Completed
411830	PENETRATION 48A (4) R/C PUMP POWER TYPEIII DETAIL	E-A E1.11	GENERAL	4.7-14	C X - - -	10/2/00 - General Visual Completed
411840	PENETRATION 26 B MAIN STEAM SPECIAL DETAIL4	E-A E1.11	GENERAL	4.7-14	C X - - -	10/2/00 - General Visual Completed
411845	PENETRATION 26 C MAIN STEAM SPECIAL DETAIL4	E-A E1.11	GENERAL	4.7-14	C X - - -	10-02-00 - GENERAL VISUAL COMPLETE

REVISION: 0

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-012

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T	I O R S E I G	O N S E O M	R E H E R	REMARKS
									CALIBRATION BLOCK
314 TO 14 DEGREES AT 39'6" TO 59'6" (REF. DWG. NO.)									
411900	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-29	C	X	-	-	10/06/00 - General Visual Completed

REVISION: 0

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-015

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T E M E N T	I N S P E C T I O N	O U T A G E	R E M A R K S
	134 TO 194 DEGREES AT	59'6" TO 125'10"	(REF. DWG. NO.)					
412020	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-38	C X	- - -	10/09/00 - General Visual Completed	

.....

DATE: 01/04/01
 REVISION: 0

IWE UNIT 4

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-016

ASME
 SEC. XI

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
194 TO 254 DEGREES AT 59'6" TO 125'10" (REF. DWG. NO.)						
412060	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-40	C X - - -	10/09/00 - General Visual Completed

CALIBRATION BLOCK

DATE: 01/04/01
 REVISION: 0

IWE UNIT 4

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INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (00RF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-017

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGY ITEM NO	EXAM METHOD	PROCEDURE	N S T A T E M E N T	I R E I O E M R	O G E E O E	REMARKS
254 TO 314 DEGREES AT 59'6" TO 125'10" (REF. DWG. NO.)								
412100	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-41	C X	- - -	10/09/00 - General Visual Completed	

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (OORF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-018

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE	N I O S O N G T T R S E H A E I O E T C G M R	REMARKS
314 TO 14 DEGREES AT 59'6" TO 125'10" (REF. DWG. NO.)						
412140	LINER PLATE LINER PLATE (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-42	C X - - -	10/09/00 - General Visual Completed
412150	PENETRATION 35 CONTAINMENT PURGE SPECIAL DETAIL2	E-A E1.11	GENERAL	4.7-18	C X - - -	10/04/00 - General Visual Completed
412160	PENETRATION 35 BOLTING E-G BOLTING PENETRATION 35 E8.10 SPECIAL DETAIL2	E-G E8.10	VT-1	4.7-17	C X - - -	10/04/00 - VT1 Completed

DATE: 01/04/01
 REVISION: 0

UNIT 4

INSERVICE INSPECTION SUMMARY
 FIRST INTERVAL, FIRST PERIOD, SECOND OUTAGE (OORF)
 CLASS PCBEA STATUS COMPONENTS

METALLIC CONTAINMENT LINER

ZONE NUMBER: 4-019

ASME

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	PROCEDURE		REMARKS
0 TO 360 DEGREES 125'10" TO TOP OF DOME (REF. DWG. NO.)						
412210	LINER PLATE (DOME) DOME (GENERAL VISUAL)	E-A E1.11	GENERAL	4.7-43	C X - - -	10/09/00 - General Visual Completed

CALIBRATION BLOCK

**TURKEY POINT
UNIT 4**

2000 REFUELING OUTAGE

SUMMARY OF SYSTEM PRESSURE TESTING

Abstract

This report details the pressure testing of selected class 1, 2 and 3 piping and components of the Florida Power and Light Company Turkey Point Unit 4 cycle 19 which were performed prior to and during the fall 2000 refueling outage. This outage occurred between the dates of September 25, 2000 and October 23, 2000, and the testing period covers the dates from April 10, 1999 through October 23, 2000. This pressure testing is being reported following the third outage of the second period for 3rd ten year interval for Turkey Point Unit 4.

Piping and components were selected and tested in accordance with Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code "Rules for Inservice Inspection of Nuclear Power Components", 1989 Edition with no addenda with specific relief as granted under 10 CFR 50.55a.

Procedures

The following Florida Power and Light (FPL) procedures and documents have been implemented to provide instructional guidance for the performance of the required ASME XI pressure testing and subsequent inspections.

4-OSP-041.25 RCS Overpressure Leak Testing

4-OSP-45.1 ASME Section XI Quality Group A Bolting Examination*

4-OSP-45.2 ASME Section XI Quality Group B Bolting Examination*

0-ADM-523 ASME Section XI Pressure Tests for Quality Group A, B, C Systems/Components.

4-OSP-041.2 Reactor Coolant System Visual Leak Inspection and Leak Evaluation.

NDE-4.2 Visual Examination VT-2 Conducted During System Pressure Tests.

*Relief Request No 18, Use of Code Case N-533 Authorized for Turkey Point Units 3 and 4 (TAC NOS. M98149 AND M98150).

System Summary:

The following safety related Class 1, 2, and 3 systems, or sections thereof were pressure tested in accordance with the requirements of the 1989 ASME Section XI Code.

<u>System Name</u>	<u>System Number</u>
Condensate Storage	18
Intake Cooling Water	19
Emergency Diesel	22
Component Cooling Water	30
Spent Fuel pool Cooling	33
Reactor Coolant	41
Chemical and Volume Control	47
Residual Heat Removal	50
Safety Injection	62
Containment Spray	68
Main Steam	72
Feedwater	74
Auxiliary Feedwater	75

Acronyms

ADM:	Administrative
ASME:	American Society of Mechanical Engineers
CSS:	Containment Spray System
CCW:	Component Cooling Water
CVCS:	Chemical Volume Control System
ECC:	Emergency Containment Cooler
FW:	Feedwater
HX:	Heat Exchanger
ICW:	Intake Cooling Water
NDE:	Non Destructive Examination
PWO:	Plant Work Order
PZR:	Pressurizer
RCP:	Reactor Coolant Pump
RHR:	Residual Heat Removal
RO:	Restricting Orifice
RV:	Relief Valve
RX:	Reactor
SFPC:	Spent Fuel Pool Cooling
SG:	Steam Generator
WO:	Work Order

Test Package Development

The specific pressure test boundaries were selected after review of the applicable plant Operating diagram/code boundary drawings. The piping systems were broken into sub systems. The sub-systems were selected based on Technical Specifications operability requirements, acceptable isolation points and availability of test connections and vent valves. The sub-systems were then assigned test package numbers, which could be tested in entirety, or based on availability could be broken down further into numerous tests within the specific sub-system.

The pressure test package numbers contain six (6) segments of information,

Sample: 04-CCW-30110-I-01
 ^ ^ ^ ^ ^ ^
 1 2 3 4 5 6

1. Unit Number (00) common to both units 3 and 4. (03) Unit specific. (04) Unit specific.
2. System abbreviation
3. System number [First (2) digits].
4. Sub-system number [(2) or (3) digits].
5. Type of test (H) Hydrostatic, (P) Pneumatic, (L) Leakage, (F) Functional, (I) Inservice, (S) Static head.
6. Number of test performed within the specific sub-system.

CONDENSATE STORAGE SYSTEM 18

04-CST-1802-F-02 Test Date: 09/21/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

INTAKE COOLING WATER SYSTEM 19

04-ICW-1973-I-02 Test Date: 09/20/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-ICW-19103-L-01 Test Date: 10/11/00

This test due to the replacement of valve 4-50-411 under WO# 99005389. No leakage was observed during this test.

04-ICW-19110-L-01 Test Date: 05/17/00

This test performed due to replacement of piping and valve 4-50-413 vent line, ref WO# 29009888. No leakage was observed during this test.

4-ICW-19111-L-01 Test Date:04/17/00

This test performed due to replacement of valve 4-50-326, Ref WO# 30007432. No leakage was observed during this test.

04-ICW-19104-L-01 Test date: 09/11/00

This test due to replacement of 4C Intake Cooling Water pump, Expansion joint, and 4-50-331 Check valve under WO# 98014334,98014332, and 30011986. No leakage was observed during this leakage test.

EMERGENCY DIESEL GENERATOR SYSTEM 22

04-EDG-2203-F-02 Test Date: 10/07/00

This test was performed to meet ASME Section XI 1989 Edition periodic pressure Test requirements. No leakage was observed during this functional test.

04-EDG-2205-F-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. Leakage was identified @ 90 Deg elbow thru wall, ref CR# 00-1650

04-EDG-2206-F-02 Test Date: 10/07/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-EDG-2207-F-02 Test Date: 10/11/00

This test was performed to meet ASME Section XI 1989 Edition periodic pressure Test requirements. No leakage was observed during this functional test.

04-EDG-2209-F-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-EDG-2252-L-01 Test Date: 11/17/00

This pressure being performed due to piping replacement of air start system, on Diesel 4B ref WO# 30019143. No leakage was observed during this test.

04-EDG-2253-L-01 Test Date: 10/22/00

This pressure being performed due to piping replacement of air start system, on Diesel 4A ref WO# 30019132. No leakage was observed during this test.

COMPONENT COOLING WATER SYSTEM 30

04-CCW-30205-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-CCW-30206-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-CCW-30210-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-CCW-30212-I 02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-CCW-30324-L-01 Test Date: 10/18/00

This test was performed due to the replacement of RV-4-1431 for the CCW CRDM cooler per WO# 30017904. No leakage was observed during this test.

COMPONENT COOLING WATER SYSTEM 30 (CONTINUED)

04-CCW-30220-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-CCW-30224-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

04-CCW-30225-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

SPENT FUEL POOL COOLING SYSTEM 33

04-CCW-30225-I-02 Test Date: 09/22/00

This test was performed to meet the 1989 Edition of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

REACTOR COOLANT SYSTEM 41

04-RCS-4111-L-03 Test Date 10/21/00

This test involved the leakage test of the Reactor Coolant System piping inside containment following the Unit 4 Cycle 19 Refueling Outage. This leakage test addressed the following replacements.

Component	WO#	Replaced
RV-4-551A	30006910	Remove, install spare
RV-4-551B	30006911	Remove, install spare
RV-4-551C	30006912	Remove, install spare
RV-4-203	98009247	Remove, install spare
4-873A	29016612	Remove, install new valve

No leakage was observed during this test.

**CHEMICAL AND VOLUME CONTROL CHARGING AND LETDOWN
SYSTEM 47**

04-CVCS-4754-I-02 Test date: 09/18/00

This Inservice test was performed to meet the ASME Section XI 1989 Edition periodic Pressure test requirements. No through wall leakage was observed.

04-CVCS-4755-I-02 Test date: 09/18/00

This Inservice test was performed to meet the ASME Section XI 1989 Edition periodic Pressure test requirements. No through wall leakage was observed.

04-CVCS-4756-L-02 Test date: 09/18/00

This Inservice test was performed to meet the ASME Section XI 1989 Edition periodic Pressure test requirements. No through wall leakage was observed.

04-CVCS-4760-I-02 Test date: 09/18/00

This Inservice test was performed to meet the ASME Section XI 1989 Edition periodic Pressure test requirements. No through wall leakage was observed.

04-CVCS-4769-L-01 Test Date: 10/21/00

This test due to welding of the pressure boundary seal weld on valve 4-293A under WO# 30008363. No leakage was observed during this test.

04-CVCS-4770-L-01 Test Date: 10/21/00

This test due to welding of the pressure boundary seal weld on valve 4-293B under WO# 30012451. No leakage was observed during this test.

04-CVCS-4771-L-01 Test Date: 10/21/00

This test due to the replacement of valve 4-333 under WO# 29008421. No leakage was observed during this test.

04-CVCS-4772-L-01 Test Date: 10/10/00

This test due to the replacement of valve 4-353A under WO# 29013107. No leakage was observed during this test.

04-CVCS-4773-L-01 Test Date: 10/21/00

This test due to the replacement of valve 4-1316 under WO# 30015586. No leakage was observed during this test.

RESIDUAL HEAT REMOVAL SYSTEM 50

04-RHR-5029-02 Test Date: 07/11/00

This Functional pressure test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements.

04-RHR-5030-02 Test Date: 10/10/00

This Functional pressure test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage was observed during this functional test.

SAFETY INJECTION SYSTEM 62

04-SIS-6232-F-02 Test Date: 07/07/00

This test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage was observed during this functional test.

04-SIS-6233-F-02 Test Date: 07/07/00

This test was performed to meet ASME Section XI 1989 Edition periodic pressure Test requirements. No leakage was observed during this functional test.

04-SIS-6237-L-01: Test Date: 10/04/00

This test due to replacement of valve 4-873A under WO# 29010612. No leakage was observed during this test.

CONTAINMENT SPRAY SYSTEM (68)

04-CSS-6814-F-02: Test Date: 10/19/00

This Functional test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No through wall leakage was observed.

MAIN STEAM SYSTEM 72

04-MS-7204-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-MS-7205-I-02: Test Date:09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-MS-7206-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

FEEDWATER SYSTEM 74

04-FW-7425-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-FW-7426-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-FW-7427-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-FW-7431-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-FW-7432-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-FW-7433-I-02: Test Date: 09/16/00

This Inservice test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

AUX FEEDWATER SYSTEM 75

04-AFW-7551-F-02: Test Date: 09/16/00

This Functional test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-AFW-7552-F-02: Test Date: 09/23/00

This Functional test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-AFW-7553-F-02: Test Date: 09/23/00

This Functional test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-AFW-7554-F-02: Test Date: 09/23/00

This Functional test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-AFW-7555-F-02: Test Date: 09/23/00

This Functional test was performed to meet ASME Section XI 1989 Edition periodic pressure test requirements. No leakage observed during this test.

04-AFW-7556-F-02 Test Date: 09/23/00

This test was performed to meet ASME Section XI 1989 Edition periodic pressure Test requirements. No leakage was observed during this functional test.