



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
Plant Unit: 4
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

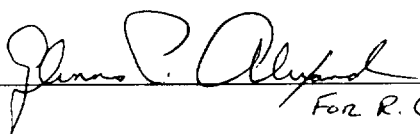
Support 3-SIH-56, on the Safety Injection system, was found to have 0" gap between the sliding plate and angle iron. An engineering evaluation showed the gap to be acceptable per Teledyne calculation TR-5322-106, Rev. 1 (page 37 of Ref. 4). Engineering has issued drawing change (CRN-C-10835) to reflect 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 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

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+FLS28
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 Sheet 1 of 2
Address
 2. Plant Turkey Point Plant Unit 4
Name WO#: 29011425 01 CR#: N/A
9760 SW 344 Street Florida City, FL 33035 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
9760 SW 344 Street Florida City, FL 33035 Expiration Date N/A
Address
 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 4/28/00

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-38 | 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 50-328 WITH NEW VALVE, ALSO REPLACED (16) STUDS AND (32) NUTS.
 CRT 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 Berman 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
9760 SW 344 Street Florida City, FL 33035 WO#: 29009888 01 CR#: 99-0697
 Address
 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 Authorization Number N/A
 Address 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, 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 MGR 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 |
| | | | | | | | |
| | | | | | | | |
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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 Treloar* 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 MGR* 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 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035 WO#: 98014334 01 CR#: 95-240
Address 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 Authorization Number N/A
Address Expiration Date N/A

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 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 98014332 01 CR#: 95-240
9760 SW 344 Street Florida City, FL 33035 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
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]
 Inspector's Signature

Commissions NB7245 FL328
 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
Name
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2
Address

2. Plant Turkey Point Plant Unit 4
Name WO#: 29009939 01 CR#: 99-0056
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 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 Wolska 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 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
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 [Signature] 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.

[Signature]
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> |
| 2. Plant <u>Turkey Point Plant</u> <small>Name</small> <u>9760 SW 344 Street Florida City, FL 33035</u> <small>Address</small> | Unit <u>4</u> WO#: <u>30018818 01</u> CR#: <u>N/A</u> <small>Repair Organization, P.O. No, Job No., etc.</small> |
| 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> | Type Code Symbol Stamp <u>N/A</u> Authorization Number <u>N/A</u> Expiration Date <u>N/A</u> |
| 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
Name
700 Universe Blvd. Juno Beach, FL 33408
Address

Date 10/18/00

Sheet 1 of 2

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

Unit 4

WO#: 29011641 01 CR#: 99-0813

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: 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 Bidawid 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

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

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 [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 *Andy Kiedobka* SE N/A Date 11/2/00
CAT 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 |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

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 WO#: 29008421 01 CR#: 99-0707
9760 SW 344 Street Florida City, FL 33035
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
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 |
| | | | | | | | |
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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
Address

2. Plant Turkey Point Plant Unit 4
Name
9760 SW 344 Street Florida City, FL 33035
Address WO#: 30006911 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: 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 |
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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 |
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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.

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
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 |
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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 *Dwight Bellah* 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.

W. Jones
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 |
| | | | | | | | |
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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 *Dudley [Signature]* 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 |
| | | | | | | | |
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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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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 |
| | 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 | 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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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 | | | | | | | | | | | | | | | | | | | | |
|--------|----------|----------------------|---------------------------|------------------|-------------------------------|------------------|---------|------------------|----------------------|------------------|---|--|--|---------|-------------|----------|--------|------|------|-------|--------|------|------|-------|--------|-------|-------|-------|--------|------|------|-------|
| 4-1051 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEST 2 | 42.8 | 74.4 | 300.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEST 3 | 0.012 | 0.007 | 0.02g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEST 4 | 40.8 | 76.7 | 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 | | | | | | | | | | | | | | | | | | | | |
|--------|----------|----------------------|---------------------------|------------------|-------------------------------|------------------|----------|------------------|----------------------|------------------|---|---|--|---------|-------------|----------|--------|------|------|-------|--------|------|------|-------|--------|-------|-------|------|--------|------|------|-------|
| 4-1057 | 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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 <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>798.7</td> <td>227.0</td> <td>2500.0</td> </tr> <tr> <td>TEST 2</td> <td>823.4</td> <td>674.9</td> <td>2500.0</td> </tr> <tr> <td>TEST 3</td> <td>0.002</td> <td>0.003</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>274.0</td> <td>197.0</td> <td>2500.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 10/1/00 | | 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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 <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>40.4</td> <td>32.8</td> <td>750.0</td> </tr> <tr> <td>TEST 2</td> <td>81.7</td> <td>42.1</td> <td>750.0</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>63.5</td> <td>38.2</td> <td>750.0</td> </tr> </tbody> </table> TEST SAMPLE? No SAMPLE CLASS N/A DATE REINSTALLED: 10/7/00 | | 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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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 <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>16.5</td> <td>15.6</td> <td>300.0</td> </tr> <tr> <td>TEST 2</td> <td>23.1</td> <td>19.0</td> <td>300.0</td> </tr> <tr> <td>TEST 3</td> <td>0.014</td> <td>0.004</td> <td>.02g</td> </tr> <tr> <td>TEST 4</td> <td>20.2</td> <td>24.4</td> <td>300.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 9/30/00 | | 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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 <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>2.2</td> <td>8.1</td> <td>75.0</td> </tr> <tr> <td>TEST 2</td> <td>7.5</td> <td>9.7</td> <td>75.0</td> </tr> <tr> <td>TEST 3</td> <td>0.012</td> <td>0.012</td> <td>02g</td> </tr> <tr> <td>TEST 4</td> <td>9.7</td> <td>8.3</td> <td>75.0</td> </tr> </tbody> </table> TEST SAMPLE? Yes SAMPLE CLASS SR DATE REINSTALLED: 9/30/00 | | 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 | 02g | TEST 4 | 9.7 | 8.3 | 75.0 |
| | 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 | 02g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEST 4 | 9.7 | 8.3 | 75.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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 | | | | | | | | | | | | | | | | | | | | |
|--------|----------|----------------------|---------------------------|------------------|-------------------------------|------------------|---------|------------------|----------------------|------------------|--|---|--|---------|-------------|----------|--------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|------|--------|-------|-------|--------|
| 4-1087 | 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 style="width: 100%; border-collapse: collapse;"> <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 style="width: 100%; border-collapse: collapse;"> <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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**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
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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 | S T A T 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 F U N C T I O N A L I N S P E C T D A T E | S T A T E F U N C T I O N A L I N S P E C T D A T E | L DIMEN | S T A T E H A N D- S T R O K E ? | S T A T E H A N D- S T R O K E ? | S T A T E F U N C T I O N A L I N S P E C T D A T E | 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
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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 |
|--------|----------|----------------------|---------------------------|------------------|-------------------------------|------------------|-----------|------------------|----------------------|------------------|--|-------------------------------|
| 4-1079 | 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
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|--------|----------|----------------------|---------------------------|------------------|-------------------------------|------------------|----------|------------------|----------------------|------------------|--|-------------------------------|
| 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

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

REACTOR PRESSURE VESSEL

ZONE NUMBER: 4-001

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

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-4004) | | | | | | |
| 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 T H E R | REMARKS |
|------------------------------------|------------------------------------|--|----------------|-----------|------------------|------------------|-----------------------|-----------------------|--------------------------|
| | | | | | | | | | |
| (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 I O | | | REMARKS |
|------------------------------------|--|--|----------------|----------------|---|----------------------------|-----------------------|---|
| | | | | | S T A T E M E N T | R E C O R D | G R A D E | |
| (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 |
| | | | | | - | - | X | 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 | O N G | E H | T | |
| (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 PCBQA 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 | G T H | |
| (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
 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-4006)

| SUMMARY NUMBER | EXAMINATION AREA IDENTIFICATION | ASME 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 |
|----------------|-------------------------------------|---------------------|-------------|-----------|---|--------------------------------------|
| 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 |
|----------------|---------------------------------|--------------------------|-------------|-----------|--|---------|
|----------------|---------------------------------|--------------------------|-------------|-----------|--|---------|

(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

PAGE: 13

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 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-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 PCBFA 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 | | | | REMARKS |
|------------------------------------|--|-------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|---|
| | | | | | S O N G T | T R S E H | A E I O E | T C G M R | |
| (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 I O | | | | REMARKS | |
|------------------------------------|---|--|----------------|-----------|---|---------------------------------|--|---------------------------------|---------|--------------------------|
| | | | | | S T A T E M E N T | R E I M E N T | G R A D E S E R V I C E | T E S T I N G | | |
| (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 |
| | | | | | | | | | | |
| (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 |
| | | | | | | | | | | |

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 10/05/00 | - MT Completed - 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 10/05/00 | - MT Completed - 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

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MAIN FEEDWATER SYSTEM LOOP A

ZONE NUMBER: 4-111

| SUMMARY NUMBER | EXAMINATION AREA IDENTIFICATION | ASME SEC. XI CATEGORY ITEM NO | EXAM METHOD | PROCEDURE | N I O | | | | REMARKS |
|------------------------------------|---|--|----------------|-----------|-----------------------|-----------------------|-----------------------|---------------------------------|--|
| | | | | | S T A T E | R E I T E | N G I O E | T H E R M O R | |
| (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 O | O N E E | T H 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
THIRD INTERVAL, SECOND PERIOD, THIRD OUTAGE (00RF)
CLASS 2 PCBEA STATUS COMPONENTS

PAGE: 20

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
SEC. XI

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 | CATEGORY ITEM NO | EXAM METHOD | PROCEDURE | | REMARKS **CALIBRATION BLOCK** |
|------------------------------------|---|---------------------|----------------|-----------|-----------|----------------------------------|
| (REF. DWG. NO. 5614-P-770-S SH. 2) | | | | | | |
| 290850 | 7884-R-014-02 DOUBLE ACTING RESTRAINT | F-A F1.20 | VT-3 | 4.3-16 | C X - - - | 10/04/00 - 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 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
 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-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

COMPONENT COOLING WATER SYSTEM FROM CCW PUMP A

| 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 S | O F T H E S E C T O R S | 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

COMPONENT COOLING WATER SYSTEM FROM CCW PUMP B

ZONE NUMBER: 4-155

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-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 |

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: 26

AUXILIARY FEEDWATER SYSTEM PUMP DISCHARGE

ZONE NUMBER: 4-160

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-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 (OORF)
 CLASS 3 PCBEA STATUS COMPONENTS

PAGE: 27

AUXILIARY FEEDWATER SYSTEM PUMP DISCHARGE

| 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-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 |

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.

| 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 T H E R E F E R E N C E S | 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
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-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 |
|--------|---|--------------|------|-------|-----------|--------------------------|

**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 S E I O E | 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 DETAILS | E-A E1.11 | GENERAL | 4.7-11 | C X | - - - | 10/01/00 - | General Visual Completed |
| 410080 | PENETRATION #8 PZR STEAM SPACE SAMP. TYPEIV DETAILS | E-A E1.11 | GENERAL | 4.7-10 | C X | - - - | 9/30/00 - | General Visual Completed |
| 410090 | PENETRATION #9 PZR LIQUID SPACE SAMP. TYPEIV DETAILS | 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 DETAILS | E-A E1.11 | GENERAL | 4.7-11 | C X | - - - | 10/01/00 - | General Visual Completed |
| 410110 | PENETRATION #11 LOW HEAD SAFTEY INJ. TYPEI DETAILS | E-A E1.11 | GENERAL | 4.7-10 | C X | - - - | 9/30/00 - | General Visual Completed |
| 410120 | PENETRATION #12 EXCESS LETDOWN HX IN TYPEI DETAILS | E-A E1.11 | GENERAL | 4.7-10 | C X | - - - | 9/30/00 - | General Visual Completed |
| 410130 | PENETRATION #13 EXCESS LETDOWN HX OUT TYPEI DETAILS | 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 DETAILS | 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 DETAIL13 | 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 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 |

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 A E T C | I R E I O I C | O E E M R | REMARKS |
|---|--|--|----------------|-----------|--|---------------------------------|-----------------------|--|
| | | | | | | | | **CALIBRATION BLOCK** |
| 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. |

DATE: 01/04/01
 REVISION: 0

IWE UNIT 4

PAGE: 8

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

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

N I O
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T C G M R

| SUMMARY NUMBER | EXAMINATION AREA IDENTIFICATION | CATEGORY ITEM NO | EXAM METHOD | PROCEDURE | REMARKS |
|----------------|---------------------------------|------------------|-------------|-----------|---------|
|----------------|---------------------------------|------------------|-------------|-----------|---------|

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 |
|--------|--|------|--------|-----------|--------------------------|

CALIBRATION BLOCK

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 O M | G E O M | T H E R M | R E C O R D | 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: 4-007

| 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 E O E R | REMARKS |
|---|------------------------------------|--|----------------|-----------|---------------------------------|---------------------------------|----------------------------|---------------------------|
| | | | | | | | | |
| 14 TO 74 DEGREES AT 39'6" TO 59'6" (REF. DWG. NO.) | | | | | | | | |
| 411590 | LINER PLATE | E-A | GENERAL | 4.7-36 | C | X | - - - | 10/09/00 - General Visual |
| | LINER PLATE (GENERAL VISUAL) | E1.11 | | | | | | 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 S T A T E | I O R E I O | O N S E I O | G T E O E | R E M A R K S |
|--|---|--|----------------|-----------|----------------------------|----------------------------|----------------------------|-----------------------|---------------------------------------|
| | | | | | | | | | |
| 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 (00RF)
 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 S E O M | R E M A R K S |
|---|------------------------------------|--|----------------|-----------|-----------------------|---------------------------------|----------------------------|---------------------------------------|
| | | | | | | | | |
| 134 TO 194 DEGREES AT 39' 6" to 59' 6" (REF. DWG. NO.) | | | | | | | | |
| 411720 | LINER PLATE | E-A | GENERAL | 4.7-2 | C | X | - - - | 9/30/00 - General Visual Completed |
| | LINER PLATE (GENERAL VISUAL) | E1.11 | | | | | | |

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 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** | |
|---|--|--|----------------|-----------|---|---|---|---|----------------------------------|---------------------------------------|
| | | | | | | | | | | |
| 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

N I O
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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

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 REVISION: 0

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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 | |

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 REVISION: 0

IWE UNIT 4

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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 |

REVISION: 0

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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SEC. XI

REMARKS

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

**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.