



SEP 08 2005

L-2005-190  
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  
2005 Inservice Inspection Report

Attached are the Executive Summary and 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

Abstract of Examinations and Tests 3<sup>rd</sup> 10 Year Interval Closeout

Abstract of Examinations and Tests 4<sup>th</sup> 10 Year Interval- 1<sup>st</sup> Period

Summary of Inservice Inspection Examinations 3<sup>rd</sup> 10 Year Interval Closeout

Summary of Inservice Inspection Examinations 4<sup>th</sup> 10 Year Interval- 1<sup>st</sup> Period

Summary of Inservice Inspection IWE Examinations

Summary of Visual Examinations and Functional Testing of Snubbers

Summary of System Pressure Testing

Form NIS-2 Owners' Report for Repairs or Replacements

Should there be any questions concerning this report, please contact Walter Parker at 305-246-6632.

Very truly yours,

Terry O. Jones  
Vice President  
Turkey Point Nuclear Plant

SM

Attachments

NRC Regulatory Issue Summary 2001-05 waived the requirements that multiple copies of documents be submitted to the NRC

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## TURKEY POINT PLANT UNIT 4

### 2005 REFUELING OUTAGE INSERVICE INSPECTION REPORT

#### Executive Summary

This Inservice Inspection report is for the 2005 Turkey Point Unit 4 refueling outage. This was the first outage of the first period of the fourth 10-year interval. Additionally, a limited number of examinations, specifically RPV examinations, were examined and credited in accordance with the requirements of the third 10-year interval. The third 10-year interval was extended by eleven months by implementing paragraph IWA-2430(d) of ASME Section XI. This extension was necessary to meet the station's goals and to schedule work in an effective manner consistent with ALARA principles. The Turkey Point licensing conducted a phone conversation with the Nuclear Regulatory Commission on June 12, 2003 to discuss this matter and a letter, L-2203-158, was submitted on June 20, 2003.

Inservice examinations consisted of augmented Feedwater ultrasonic examinations on the A, B and C Steam Generator Feedwater nozzles, adjacent piping, and fittings. Also examined were selected components from the Reactor Pressure Vessel, Reactor Coolant, Pressurizer, Residual Heat Removal, Safety Injection, Main Feedwater, Auxiliary Feedwater, Steam Generator Blowdown, Steam Generator A Primary Side, Steam Generator C Secondary Side, Chemical and Volume Control, Component Cooling Water, Intake Cooling Water, and Waste Disposal System. The attached Inservice Inspection summary tables detail the examinations performed during the outage. Examinations credited to the Third Interval are detailed in Attachment 1 and Table 1. The examinations credited to the Fourth Interval are detailed in Attachment 2 and Table 2. This outage completed the third 10-year interval and the first outage of the first period of the fourth 10-year interval.

The NIS-2 forms document the repair and replacement activities that have taken place since the previous Unit 4 submittal, and those performed during the 2005 refueling outage.

IWE preservice examinations were performed in areas of coating repairs to the containment metallic liner and moisture barrier seal. A preservice examination was also performed on the containment liner where the hole was cut for the passage of the new reactor head. Reference Attachment 3 for examination scope and results.

There were no IWL examinations scheduled for this outage. However, a preservice examination was performed on the tendons and concrete surfaces where a hole was cut for the passage of the new reactor head.

Snubber visual examinations and functional tests were conducted in accordance with ASME Section XI and Turkey Point Plant Technical Specifications. Reference Attachment 4, *Summary of Visual Examinations and Functional Testing of Snubbers*, for examination scope and results.

System pressure testing was conducted in accordance with the requirements of ASME Section XI and Turkey Point Technical Specifications. Reference Attachment 5, *Summary of System Pressure Testing*, for test boundaries and results.

There was no Steam Generator eddy current examinations scheduled for this outage.

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

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-161
Pressurizer	Westinghouse	HTPT-0021	N/A	N-68-1
Regenerative Heat Exchanger	Westinghouse	4E200	N/A	N/A
Reactor Coolant System	Bechtel	N/A	N/A	N/A
Reactor Coolant Pump C	Westinghouse	4-618J713 2S76P499	N/A	N/A
Safety Injection System	Bechtel	N/A	N/A	N/A
Residual Heat Removal System	Bechtel	N/A	N/A	N/A
Steam Generator A, B, C	Westinghouse	16A-6341-1 & 3 FSGT-2991 & 2993	N/A	N-772 and N-776
Main Steam System	Bechtel	N/A	N/A	N/A
Main Steam Blowdown System	Bechtel	N/A	N/A	N/A
Waste Disposal System	Bechtel	N/A	N/A	N/A
Main Feedwater System	Bechtel	N/A	N/A	N/A



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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Auxiliary Feedwater	Bechtel	N/A	N/A	N/A
Chemical and volume Control	Bechtel	N/A	N/A	N/A
Component Cooling Water	Bechtel	N/A	N/A	N/A
Intake Cooling Water	Bechtel	N/A	N/A	N/A

8. **Examination Dates:** from 11/5/2003 to 6/13/2005
9. **Inspection Period Identification:** First Period, from 04/15/2004 to 04/14/2007.
10. **Inspection Interval Identification:** Fourth Interval, from 04/15/2004 to 04/14/2014.
11. **Applicable Edition of Section XI:** 1998 Edition, 2000 Addenda, (IWE/IWL) 1992/1992 Addenda
12. **Date/Revision of Inspection Plan:** April 15, 2004 Rev. 0.
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 Examination of selected Class 1, 2 and 3 components and piping systems of Florida Power and Light's (FPL) Turkey Point Unit 4 were performed during the 2005 Refueling Outage. This cycle began on 11/5/2003 and ended 6/13/2005. This was the first outage of the first period of the fourth 10-year interval. Additionally, a limited number of examinations specifically RPV examinations, were examined and credited in accordance with the requirements of the third 10-year interval. The third 10-year interval was extended by eleven months by implementing paragraph IWA-2430(d) of the 1989 Edition, No Addenda of ASME Section XI. This extension was necessary to meet the station's goals and to schedule work in an effective manner consistent with ALARA principles. The Turkey Point licensing group conducted a phone conversation with the Nuclear Regulatory Commission June 12, 2003 to discuss this matter and followed up with a letter, L-2003-158 on June 20, 2003.

The components and piping systems examined were selected in accordance with the Third ten-year interval program or Fourth Ten-Year Inservice Inspection Program. The inspection plans include an alternative to the examination and Pressure Test requirements of Table IWB-2500-1, Category B-F and B-J piping welds, as defined in American Society of Mechanical Engineers

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(ASME) Section XI, 1989, No Addenda and the 1998 Edition with Addenda through 2000. This alternative implements a risk informed inspection program for the examination selection for the Class 1, Category B-F and B-J piping welds in lieu of the requirements of Table IWB-2500-1. The alternative Plan allows examination selection for Unit 4 to be in accordance with "Florida Power & Light Turkey Point Unit 4 Risk-Informed Inservice Inspection Program.

Manual ultrasonic, radiography, visual, magnetic particle, and liquid penetrant non-destructive methods were used to examine components, piping, and their supports. FPL personnel supported by Washington Group International personnel performed the examinations. Reference Attachment 1 and 2 and Table 1 and 2, *Turkey Point Unit 4 Inservice Inspection*, for examination scope, results, and percentages completed.

Framatome personnel performed automated ultrasonic and remote visual on the girth welds, inside surfaces, and internals of the reactor pressure vessel that were credited to the third 10-year inservice inspection examination.

Snubber visual examinations and functional testing were conducted in accordance with ASME Section XI and Turkey Point Technical Specifications. Basic-PSA, Inc supplied examination and testing services. Reference Attachment 4, *Summary of Visual Examinations and Functional Testing of Snubbers*, for examination scope and results.

FPL visual examiners conducted system pressure testing in accordance with the requirements of ASME Section XI and Turkey Point Technical Specifications. Reference Attachment 5, *Summary of System Pressure Testing*, for test boundaries and results.

No scheduled IWE examinations were required this outage. Preservice examinations were performed in areas of coating repairs to the containment metallic liner and moisture barrier seal. A preservice examination was also performed on the containment liner where the hole was cut for the passage of the new reactor head. Reference Attachment 3 for examination scope and results.

There were no IWL examinations scheduled for this outage. However, a preservice examination was performed on the tendons and concrete surfaces where a hole was cut for the passage of the new reactor head.

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#### 14. Abstract of Results of Examinations and Tests.

Refer to Attachment 1 and 2 for list of components and examination results during the Spring 2005 outage.

#### 15. Abstract of Corrective Measures

Outlet Nozzle Surface at 130° and 250° was found to have recordable indications at the nozzle seating surface. At the 250° outlet nozzle, vertical gouges were found at the 6 o'clock position on the nozzle seating surface running the entire width of the face. At the 130° outlet nozzle, shallow vertical gouges were found at the 4 & 6 o'clock position of the nozzle seating surface running the width of the face. Engineering Disposition: The primary concerns with the contact marks on the RV outlet nozzle seating surface between the core barrel at the 130° and 250° locations are as follows:

- 1) Significant raised metal could result in abnormal operational loads on the RV nozzle.
- 2) Could the raised metal become a loose part?
- 3) Gouges on the RV hot leg nozzle bosses could expose the carbon steel substrate.

The following addresses the concerns identified above:

- 1) Significant raised metal could result in abnormal operational loads on the RV nozzle: Examination of the raised faces of the bosses on the RV and core barrel revealed only shallow contact marks without any significant raised metal or deformation. The only deformation noted was on the lead in of the 250° RV outlet boss at 12:00, which did not appear to contact the corresponding face on the core barrel boss. Therefore the shallow contact/scrape marks at the 130° and 250° nozzle locations do not result in abnormal operational loads being applied to the RV outlet nozzle.
- 2) There was no raised metal observed on the outlet nozzle bosses at the 130° and 250° locations that could result in foreign material entering the RCS.
- 3) Gouges on the RV hot leg nozzle bosses could expose the carbon steel substrate: The clad thickness on the faces of the RV outlet nozzle bosses is ~1 inch thick (5610-M-400-17). The contact/scrape marks on the RV outlet nozzles appear to be very shallow based on comparison to machine marks on the boss surfaces ( $< 1/32''$ ) and no rust discoloration. The core barrel boss is all stainless steel. Therefore there are no concerns with a breach of the clad surface that would expose the carbon steel substrate.

Conclusion: The marks on the core barrel outlet nozzle bosses and RV outlet nozzle bosses at the 130° and 250° nozzle locations are the result of normal contact between the reactor vessel and the core barrel during insertion and removal. The marks appear to be very shallow based on

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comparison with the depth of adjacent surface machining marks and do not appear to impose any abnormal loads on the RV outlet nozzles during service. The severity of the contact between the vessel and the core barrel is minimized by FPL procedure (O-GMM-043.21) through constant monitoring of the load cell on the polar crane hook and slow hook speeds during the critical insertion and removal operations. No corrective actions are required since outlet nozzle bosses maintain a tight fit that minimizes the bypass of RCS fluid from the RV annulus to the hot leg. The shallow scratches did not expose any carbon steel on the RV outlet nozzle surface. There is also no concern for loose parts as a result of the contact marks. Therefore this condition is not a condition adverse to quality. The condition is acceptable. Reference CR 2005-13224.

Irradiation Specimen Capsule at 30°, 230°, and 270° was found to have recordable indications on the surface of the capsules. At the 30° irradiation capsule, gouges were seen located near the bottom of the capsule and about 2 feet in length running vertically. Also another area of gouging was noted at the very bottom on the tapered show running in the horizontal direction. At the 230° irradiation capsule, gouges were seen located from top to bottom on one side of the capsule running vertically for the entire length. Also, in numerous places along the base material chafing was seen and peeling along the outside edges of the gouge were also noted. At the 270° irradiation capsule, a gouge was seem about 1/3<sup>rd</sup> down from top of capsule running in the horizontal direction for about half the width of the capsule. Engineering Disposition: The primary concerns with the contact marks on the capsule holders at the 30°, 230°, and 270° locations are as follows:

- 1) Loose parts – Capsule holder separating from the internals thermal shield.
- 2) Deformation of the corresponding RV flange slots. Deformation could result in non uniform contact loads on the vessel flange.
- 3) Gouges on the RV flange slots causing raised metal and/or loose parts or exposed carbon steel.

The following addresses the concerns identified above:

- 1) Loose Parts: As part of the visual examination of the internals, the welds between the surveillance capsule holders and the thermal shield were examined. No evidence of cracks or deformation to the welds or capsule holders was observed. Therefore, there are no loose parts concern associated with this condition.
- 2) Deformation of the corresponding RV flange slots: The slots in the RV flange ledge at the 30°, 230°, and 270° locations, corresponding to the capsule holder contact marks, were examined for evidence of degradation. Light surface contact marks were also observed in the vertical surfaces of the capsule slots at the 30°, and 230° locations. No deformation was observed on the horizontal surface of the flange ledge at the top of the slots. No contact marks or deformation was observed in the slot at the 270° location. Since there was no deformation to the flange ledge, there is no change in the contact loads on the vessel flange.

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- 3) Gouges on the RV flange slots causing raised metal and/or loose parts or exposed carbon steel: The examination of the slots in the RV flange ledge did not identify any significant gouges or raised metal that could result in loose foreign material entering the RCS. The marks on the vessel flange slots at 30° and 230° were superficial and did not penetrate the cladding. There was no corresponding rub mark in the slot at the 270° location. Therefore there are no concerns with raised metal becoming a loose part or penetrating through the clad surface and exposing the carbon steel substrate.

Conclusion: The marks on the surveillance capsule holders are the result of normal contact with the slots in the reactor vessel flange during insertion and removal of the lower internals. The severity of the contact between the vessel and the internals is minimized by FPL procedure (O-GMM-043.21) through constant monitoring of the load cell on the polar crane hook and slow hook speeds during the critical insertion and removal operations. No corrective actions are required since these contact marks do not affect the function of the surveillance capsule holders; the marks on the corresponding flange slot do not affect the loads on the reactor vessel. There is also no concern for loose parts as a result of the contact marks. Therefore, this is not a condition adverse to quality. The condition is acceptable. Reference CR 2005-13231

Replacement reactor head mating surface to vessel was found to have a rounded indication on the surface of the inner groove at stud location number 6. Engineering disposition found that the indication is not located in the primary sealing surface and does not have any raised metal associated with the indication. Use as-is. Reference CR 2005-6129 and Framatome CR 2005-735.

Residual Heat Removal piping support (SR-450C) was found to have the cold setting out of tolerance with the design drawing. Engineering disposition directed to have the spring hanger adjusted to the design drawing cold setting of 2635 lbs and a final VT-3 performed. Work was performed under W.O. No. 34003021. Reference CR No. 2005-10974.

Residual Heat Removal piping support (PS-3) was found to have the clearances not within tolerances of the drawing, chaffing on the tube steel, and a drawing discrepancy with the welded lugs. Engineering disposition found that the combined maximum gap was within tolerance of Engineering Standard, STD-C-011 and the chaffing observation was to the coating only and no material damage occurred. Also, the missing weld on the lugs was apparently due to difficulty in welding the inside section of the weld. The analysis shows that the amount of weld missing will have minimal affect on the support. Therefore, no adverse condition exists and the design drawing will be corrected per CRN-C-11588 to reflect the actual field configuration. Reference CR No. 2005-11852.

Safety Injection piping support 8081-H-001-14 was found to have the cold setting out of tolerance with the design drawing. Engineering disposition directed to have the spring hanger

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adjusted to the design drawing cold setting of 69 lbs and a final VT-3 performed. Work was performed under W.O. No. 34003021. Reference CR No. 2005-10976.

Residual Heat Removal piping support 8073-H-809-05 was found to have the clearances not within tolerances of the drawing. Engineering disposition found that the combined maximum gap was within tolerance of Engineering Standard, STD-C-011. Therefore, no adverse condition exists and no drawing update or corrective actions are required. Reference CR No. 2005-11049.

Feedwater Bypass piping support 7884-R-014-01 was found to have clearance gaps outside the specified dimensions of the support drawing. Engineering disposition found that the combined maximum gap was within tolerance of Engineering Standard, STD-C-011. Therefore, no adverse condition exists and no drawing update or corrective actions are required. Reference CR No. 2005-10658.

Auxiliary Feedwater piping support 80117-H-324-13 was found to have clearance gaps outside the specified dimensions of the support drawing and a 3/4" rod was rubbing a measurable wear spot on the L-beam. Engineering disposition found that the combined maximum gap was within tolerance of Engineering Standard, STD-C-011 and the metal loss on the structural angle is negligible and will not impact the structural integrity of the member. Therefore, no adverse condition exists and no drawing update or corrective actions are required. Reference CR No. 2005-10665.

Normal Containment Cooler support 4V1A was found to have a loose nut/bolt assembly on the support base. Engineering disposition directed to have the nut/bolt assembly tightened and a final VT-3 performed. Work was performed under Work Order 33023494. Reference CR No. 2005-10979.

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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: 8/19/05 Signed: [Signature] By R D GIL

#### 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 The Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, CT have inspected the components described in this Owner's Report during the period during the period 12/5/2003 to 6/13/2005, 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.

[Signature] FL 477 (A, C, N, I)  
Inspector's Signature National Board, State,  
Province, and Endorsements

Date: 8-24-05

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Abstract of Examinations and Tests  
Total Population and Percentages  
3<sup>rd</sup> Interval Closeout**

**Table 1**



**Table 1 (Post Spring 2005 Outage)**  
**Turkey Point Unit 4**  
**THIRD INSPECTION INTERVAL – END OF INTERVAL**  
**ABSTRACT OF EXAMINATION AND TESTS**

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
B-A	6	6	100%	100%	
B1.11	3				Deferral Permissible
B1.21	1				Deferral Permissible
B1.30	1				Code Case N-623 Applied, Deferral Permissible
B1.40	1				
B-B	5	2	40%	100%	
B2.11	2				
B2.12	2				
B2.40	1				
B-D	24	14	58.3%	100%	
B3.90	6				Deferral Permissible
B3.100	6				Deferral Permissible
B3.120	6				
B3.140	6				
B-F	RR #32 was submitted to implement a risk informed program and approved August 1, 2003. The B-F examination category items are included in the Category R-A population.				
B-G-1	18	6	33.3%	100%	Total includes Item B6.190 (only required if disassembled)
B6.10	3				Deferral Permissible
B6.30	3				Deferral Permissible
B6.40	3				Deferral Permissible
B6.50	6				Deferral Permissible
B6.180	1				Deferral Permissible
B6.190	1				Deferral Permissible
B6.200	1				Deferral Permissible
B-G-2	19	6	100%	100%	

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
B7.20	1				
B7.30	6				
B7.50	9				
B7.70	3				
B-J	RR #32 was submitted to implement a risk informed program and approved August 1, 2003. The B-F examination category items are included in the Category R-A population.				
B-K	4	1	25%	100%	Code Case N-509 applied. RR #8 allows code % deviation.
B10.20	3				
B10.30	1				
B-L-1	3	3	100%	100%	
B12.10	3				Code Case N-481 applied. Deferral Permissible
B-L-2	1	0	0%	0%	
B12.20	1				Pumps were not disassembled this Interval. Examination required only when disassembled
B-M-2	3	1	33.3%	33.3%	
B12.50	3				Group 3 valve disassembled only. 1 valve in each group requires examination when disassembled for maintenance. Deferral Permissible
B-N-1	10	10	100%	100%	
B13.10	10				Each item (8) must be examined each period
B-N-2	1	1	100%	100%	
B13.60	1				Deferral Permissible
B-N-3	27	27	100%	100%	
B13.70	27				Deferral Permissible
B-O	3	3	100%	100%	
B14.10	3				Deferral Permissible
B-P	System leakage tests are performed each outage (IWB-5220) in accordance with plant procedures.				
B-Q	Steam Generator tubing is examined in accordance with Plant Technical Specifications.				
C-A	7	1	14.2%	100%	
C1.10	4				
C1.20	2				

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
C1.30	1				
C-B	7	2	25%	100%	C-B total does not include C2.33 items that are required each period.
C2.21	3				
C2.22	2				
C2.31	2				
C2.33	4				VT examinations required each period. A5 tell-tale was removed 2 <sup>nd</sup> period.
C-C	9	3	33.3%	100%	Code Case N-509 applied.
C3.10	1				
C3.20	8				
C-F-1	52	19	36.5%	100%	Total count includes circumferential welds only.
C5.11	22				
C5.12	6				
C5.21	13				
C5.22	0				
C5.30	14				
C5.41	3				
C-F-2	28	14	50%	100%	Less than 28 welds would be required if 7.5% criteria is followed, FPL raised the total count to 28 per note 2. Total count includes circumferential welds only.
C5.51	22				
C5.52	5				
C5.81	6				
C-H	System pressure tests are performed in accordance with plant procedures. Quantification of the number of tests is not practical.				
D-A	15	6	40%	100%	Code Case N-509 applied.
D1.10	4				
D1.20	11				
D-B	System pressure tests are performed in accordance with plant procedures. Quantification of the number of tests is not practical.				
F-A	121	49	39.1%	100%	Code Case N-491-1 applied for all supports.
F1.10	40				
F1.20	34				

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
F1.30	31				
F1.40	16				
R-A	20	12	60%	100%	R-A total does not include item R1.12. RR32 was approved August 1, 2004 to implement the risk informed inspection program.
R1.11	20				
R1.12	129				Visual examinations are performed each outage.

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Abstract of Examinations and Tests  
Total Population and Percentages  
4<sup>th</sup> Interval – 1<sup>st</sup> Period**

**Table 2**

**Table 2 (Post Spring 2005 Outage)**  
**Turkey Point Unit 4**  
**FOURTH INSPECTION INTERVAL – FIRST PERIOD**  
**ABSTRACT OF EXAMINATION AND TESTS**

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
B-A	5	0	0%	0%	
B1.11	3				Deferral Permissible
B1.21	1				Deferral Permissible
B1.30	1				Code Case N-623 Applied, Deferral Permissible
B-B	5	1	100%	20%	
B2.11	2				
B2.12	2				
B2.40	1				
B-D	24	0	0%	0%	
B3.90	6				Deferral Permissible
B3.100	6				Deferral Permissible
B3.120	6				
B3.140	6				
B-F	RR #4 being submitted to implement a risk informed program. The B-F examination category items are included in the Category R-A population.				
B-G-1	18	3	100%	16.6%	Total includes Item B6.190 (only required if disassembled)
B6.10	3				Deferral Permissible
B6.30	3				Deferral Permissible
B6.40	3				Deferral Permissible
B6.50	6				Deferral Permissible
B6.180	1				Deferral Permissible
B6.190	1				Deferral Permissible
B6.200	1				Deferral Permissible
B-G-2	19	4	50%	21%	
B7.20	1				

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
B7.30	6				
B7.50	9				
B7.70	3				
B-J	RR # being submitted to implement a risk informed program. The B-F examination category items are included in the Category R-A population.				
B-K	4(1 <sup>st</sup> Period) 6 (2 <sup>nd</sup> & 3 <sup>rd</sup> Interval)	1	100%	25%	
B10.10	2				Baseline performed on 6 new welds in the 1 <sup>st</sup> period. 25% will be performed in the next two periods.
B10.20	3				
B10.30	1				
B-L-1	3	0	0%	0%	
B12.10	3				Deferral Permissible
B-L-2	1	Partial	50%	50%	Diffuser was left in place.
B12.20	1				Examination required only when disassembled
B-M-2	3	1	33.3%	33.3%	
B12.50	3				1 valve in each group requires examination when disassembled for maintenance. Deferral Permissible
B-N-1	10	0	0%	0%	
B13.10	10				Each item (7) must be examined each period
B-N-2	1	0	0%	0%	
B13.60	1				Deferral Permissible
B-N-3	27	0	0%	0%	
B13.70	27				Deferral Permissible
B-O	3	0	0%	0%	Baseline performed on 24 new welds in the 1 <sup>st</sup> period. 25% will be performed in the next two periods. Deferral Permissible.
B14.10	3	0	0%	0%	
B-P	System leakage tests are performed each outage (IWB-5220) in accordance with plant procedures.				
B-Q	Steam Generator tubing is examined in accordance with Plant Technical Specifications.				

Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
C-A	7	2	100%	28.5%	
C1.10	4				
C1.20	2				
C1.30	1				
C-B	7	0	0%	0%	C-B total does not include C2.33 items that are required each period
C2.21	3				
C2.22	2				
C2.31	2				
C2.33	6				VT examinations required each period
C-C	9	2	100%	22.2%	
C3.10	1				
C3.20	8				
C-F-1	52	16	100%	30.7%	
C5.11	22				
C5.21	13				
C5.30	14				
C5.41	3				
C-F-2	28	7	100%	25%	Less than 28 welds would be required if 7.5% criteria is followed, FPL raised the total count to 28 per note 2.
C5.51	22				
C5.81	6				
C-H	System pressure tests are performed in accordance with plant procedures. Quantification of the number of tests is not practical.				
D-A	15	3	100%	20%	
D1.10	4				
D1.20	11				
D-B	System pressure tests are performed in accordance with plant procedures. Quantification of the number of tests is not practical.				
(IWE) E-A	4	1	100%	50%	Currently in the 2 <sup>nd</sup> period for IWE. 100% General Exam required each period
(IWE) E-D	6	2	100%	66.67%	RR 26, Currently in the 2 <sup>nd</sup> period of IWE. Includes exam of 1/3 of moisture barrier. Examination of 8 of



Examination Category/Item	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the period	Total Examinations Credited (%) to Date for the Interval	Remarks
					the total items required if made accessible. Deferral permissible.
(IWE) E-G	14	5	100%	64.2%	RR 22, Currently in the 2 <sup>nd</sup> period of IWE, deferral permissible.
F-A	122	36	100%	29.5%	
F1.10	40				
F1.20	34				
F1.30	31				
F1.40	17				
R-A	20	3	15%	15%	R-A total does not include item R1.12. RR4 is being submitted to implement a risk informed inspection program. The selections in program are based on the Risk Informed Program approval on August 1, 2003.
R1.11	20				
R1.12	129				Visual examination is performed each outage

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Summary of Inservice Inspection Examinations  
3<sup>rd</sup> Interval Closeout**

**Attachment 1**

DATE: 06/27/05  
REVISION: 4

TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

**PAGE: 1**

## REACTOR PRESSURE VESSEL

4-001

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS  
\*\*CALIBRATION BLOCK\*\*

(REF. DWG. NO. 5614-M-4000)

000100	4-WR-18	B-A	C UT	51-5064915-00	- X - -	5/1/05 thru 5/8/05 - UT
	FLANGE TO UPPER SHELL	B1.30	2L2.25CIR	2005-TP4-010	X - - -	Complete from vessel side.
			7L2.25CIR	2005-TP4-011	X - - -	Seven (7) acceptable
			12L2.25CIR	2005-TP4-012	X - - -	indications were recorded.
						Total of 71% CRV was
						achieved when scanning from
						the top of the flange and
						from the vessel.
						Limitations noted were the
						keyways and irradiation
						slots.
						5/14/05 - UT Complete from
						flange side. Geometric
						indications from monitor
						taps at 47 deg. and 137 deg.
						**UT-1. UT-14**

000200	4-WR-33	B-A	C UT	51-5064915-00	X - - -	5/1/05 thru 5/8/05 - UT
	UPPER SHELL TO	B1.11				Complete. No recordable
	INTERMEDIATE SHELL					indications. 100% CRV
						achieved. **UT-1**

000300 4-WR-10 B-A C UT 51-5064915-00 - X - - 5/1/05 thru 5/8/05 - UT  
INTERMEDIATE SHELL TO B1.11 Complete. Eleven (11)  
LOWER SHELL acceptable indications were  
recorded. 100% CRV  
achieved. \*\*UT-1\*\*

000400	4-WR-31	B-A	C UT	51-5064915-00	X - - -	5/1/05 thru 5/8/05 - UT
	LOWER SHELL TO LOWER	B1.11				Complete. No recordable
	HEAD RING					indications. >90% CRV
						achieved. Scan limitation
						due to guide lugs **UT-1,
						UT-3**

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

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## REACTOR PRESSURE VESSEL

**4-001**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-M-4000)

000600	4-WR-9	B-A	C UT	51-5064915-00	- X - -	5/1/05 thru 5/8/05 - UT
	LOWER HEAD RING TO	B1.21				Complete. One (1)
	BOTTOM HEAD					acceptable indication was
						recorded. 83% CRV achieved.
						Scan limitations due to
						incores. **UT-1, UT-3**

000700 4-DI-A B-D C UT 51-5064915-00 - X - - 5/1/05 thru 5/8/05 - UT  
INLET NOZZLE TO SHELL B3.90 Complete. Six (6)  
@ 80 DEGREES acceptable subsurface  
indications due to  
fabrication anomalies were  
recorded. >95% CRV  
achieved. Scan limitation  
due to nozzle boss. \*\*UT-1\*\*

```

000800 4-DO-A          B-D          C UT          51-5064915-00      - X - - 5/1/05 thru 5/8/05 - UT
OUTLET NOZZLE TO SHELL B3.90
@ 130 DEGREES
Complete. Seven (7)
acceptable subsurface
indications due to
fabrication anomalies were
recorded. >90% CRV
achieved. Scan limitation
due to outlet nozzle boss.
**UT-1, UT-15**

```

```
000900 4-DI-C      B-D      C UT      51-5064915-00      - X - - 5/1/05 thru 5/8/05 - UT
      INLET NOZZLE TO SHELL B3.90      Complete. Twelve (12)
      @ 200 DEGREES      acceptable subsurface
      indications due to
      fabrication anomalies were
      recorded. >95% CRV
      achieved. Scan limitation
      due to nozzle boss. **UT-1,
      UT-15**
```

## REACTOR PRESSURE VESSEL

4-001

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

**SUMMARY  
NUMBER**

**EXAMINATION AREA  
IDENTIFICATION**

## EXAM METHOD

**DATA SHEET #**

(REF. DWG. NO. 5614-M-4000)

001000

**4-DO-C**

**B-D**

C UT

**51-5064915-00**

- x -

5/1/05 thru 5/8/05 - UT

OUTLET NOZZLE TO SHELL B3.90

**@ 250 DEGREES**

Complete. One (1)  
acceptable subsurface  
indication due to  
fabrication anomalies was  
recorded. >90% CRV  
achieved. Scan limitation  
due to outlet nozzle boss.  
\*\*UT-1, UT-15\*\*

001100

4-DI-B

B-D

**C UT**

**51-5064915-00**

- x -

5/1/05 thru 5/8/05 - UT

INLET NOZZLE TO SHELL B3.90

@ 320 DEGREES

Complete. Two (2) acceptable subsurface indications due to fabrication anomalies were recorded. >95% CRV achieved. Scan limitation due to nozzle boss. \*\*UT-1, UT-15\*\*

001200

4-DO-B

**B-D**

**C UT**

51-5064915-00

- x -

5/1/05 thru 5/8/05 - UT

OUTLET NOZZLE TO SHELL B3.90

**@ 10 DEGREES**

Complete. Three (3) acceptable subsurface indications due to fabrication anomalies were recorded. >90% CRV achieved. Scan limitation due to outlet nozzle boss. \*\*UT-1, UT-15\*\*

## REACTOR PRESSURE VESSEL

**4-001**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-M-4000)

001300	4-DI-A-IRS	B-D	C ENHANCEDVT	51-5064915-00	- - - -	5/8/05 - Enhanced Visual
	INLET NOZZLE INNER	B3.100		2005 EOC22-01	X - - -	Complete. No recordable indications. 100% CRV achieved. **UT-32**
	RADIUS					
001400	4-DO-A-IRS	B-D	C ENHANCEDVT	51-5064915-00	- - - -	5/8/05 - Enhanced Visual
	OUTLET NOZZLE INNER	B3.100		2005 EOC22-01	- X - -	Complete. Acceptable indications were recorded. Vertical gouge was found at the 6 o'clock position of the 250 deg. outlet nozzle seating surface running the entire width of the face. Also, shallow vertical gouges were found at the 4 & 8 o'clock position of the 130 deg. outlet nozzle seating surface running the width of the face. This type of indication appears to be normal contact mating and is seen on most core barrel exams throughout the industry. Reference CRV 2005-13224. 100% CRV achieved **UT-32**
	RADIUS					
001500	4-DI-C-IRS	B-D	C ENHANCEDVT	51-5064915-00	- - - -	5/8/05 - Enhanced Visual
	INLET NOZZLE INNER	B3.100		2005 EOC22-01	X - - -	Complete. No recordable indications. 100% CRV achieved. **UT-32**
	RADIUS					

DATE: 06/27/05  
REVISION: 4

TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-M-4000)								
001600	4-DO-C-IRS	B-D	C ENHANCEDVT	51-5064915-00	-	-	-	-	5/8/05 - Enhanced Visual
	OUTLET NOZZLE INNER	B3.100		2005 EOC22-01	-	X	-	-	Complete. Acceptable
	RADIUS								indications were recorded.
									Vertical gouge was found at
									the 6 o'clock position of
									the 250 deg. outlet nozzle
									seating surface running the
									entire width of the face.
									Also, shallow vertical
									gouges were found at the 4 &
									8 o'clock position of the
									130 deg. outlet nozzle
									seating surface running the
									width of the face. This
									type of indication appears
									to be normal contact mating
									and is seen on most core
									barrel exams throughout the
									industry. Reference CR
									2005-13224. 100% CRV
									achieved **UT-32**
-----									
001700	4-DI-B-IRS	B-D	C ENHANCEDVT	51-5064915-00	-	-	-	-	5/8/05 - Enhanced Visual
	INLET NOZZLE INNER	B3.100		2005 EOC22-01	X	-	-	-	Complete. No recordable
	RADIUS								indications. 100% CRV
									achieved. **UT-32**
-----									
001800	4-DO-B-IRS	B-D	C ENHANCEDVT	51-5064915-00	-	-	-	-	5/8/05 - Enhanced Visual
	OUTLET NOZZLE INNER	B3.100		2005 EOC22-01	X	-	-	-	Complete. No recordable
	RADIUS								indications. 100% CRV
									achieved. **UT-32**

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
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REACTOR PRESSURE VESSEL

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O T H E R	REMARKS  **CALIBRATION BLOCK**
		SEC. XI CATEGORY ITEM NO						
(REF. DWG. NO. 5614-M-4000)								
010025	REACTOR VESSEL WELDS AND INTERIOR SURFACES	B-N-1 B13.10	C VT-3	51-5064915-00 2005 EOC22-01	- X	- -	- -	5/8/05 - VT-3 Complete. No recordable indications.
-----								
010050	CORE SUPPORT BARREL INLET FLOW IMPINGEMENT AREAS	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-05	- X	- -	- -	5/2/05 - VT-3 Complete. No recordable indications.
-----								
010060	CORE SUPPORT BARREL OUTLET NOZZLES INTERIOR SURFACES	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-05	- X	- -	- -	5/2/05 & 5/4/05 - VT-3 Complete. No recordable indications.
-----								
010070	CORE SUPPORT BARREL OUTLET NOZZLES EXTERIOR SURFACES	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-05	- X	- -	- -	5/2/05 & 5/4/05 - VT-3 Complete. No recordable indications.
-----								
010080	CORE SUPPORT BARREL UPPER SECTION EXTERIOR SURFACES	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-05	- X	- -	- -	5/4/05 - VT-3 Complete. No recordable indications.
-----								
010090	CORE SUPPORT BARREL UPPER SECTION INTERIOR SURFACES	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-05	- X	- -	- -	5/1/05 - VT-3 Complete. No recordable indications.
-----								
010100	CORE SUPPORT BARREL LOWER SECTION EXTERIOR SURFACES	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-05	- X	- -	- -	5/2/05 - VT-3 Complete. No recordable indications.

(REF. DWG. NO. 4-V01)



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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

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REACTOR PRESSURE VESSEL INTERNALS

4-001		ASME	STATUS			N	I	O		
		SEC. XI					O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY		EXAM		R	S	E	H	
NUMBER	IDENTIFICATION	ITEM NO		METHOD	DATA SHEET #	E	I	O	E	
						C	G	M	R	REMARKS
										**CALIBRATION BLOCK**
	(REF. DWG. NO. 4-V01)									
011706	CORE SUPPORT BARREL	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	CORE SUPPORT COLUMNS	B13.70		2005 EOC22-07	X	-	-	-	recordable indications.	
-----										
011709	REACTOR VESSEL TOP	B-N-1	C VT-3	51-5064915-00	-	-	-	-	5/8/05 - VT-3 Complete.	No
	UPPER SUPPORT PLATE	B13.10		2005 EOC22-02	X	-	-	-	recordable indications.	
	KEYWAYS									
-----										
011712	CORE SUPPORT BARREL	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	DIFFUSER PLATE (FLOW	B13.70		2005 EOC22-07	X	-	-	-	recordable indications.	
	MIXER DEVICES)									
-----										
011715	CRUCIFORM INSTR.	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	GUIDE TUBES AND	B13.70		2005 EOC22-07	X	-	-	-	recordable indications.	
	FASTENERS									
-----										
011724	CORE SUPPORT BARREL	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	RADIAL KEYS AND CLEVIS	B13.70		2005 EOC22-06	X	-	-	-	recordable indications.	
	INSERTS									
-----										
011727	SECONDARY CORE SUPPORT	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	BASE PLATE AND	B13.70		2005 EOC22-07	X	-	-	-	recordable indications.	
	STRUCTURE									
-----										
011728	SECONDARY CORE SUPPORT	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	TIE PLATES	B13.70		2005 EOC22-07	X	-	-	-	recordable indications.	
-----										
011730	CORE SUPPORT BARREL	B-N-3	C VT-3	51-5064915-00	-	-	-	-	5/2/05 - VT-3 Complete.	No
	BY-PASS FLOW NOZZLES	B13.70		2005 EOC22-06	X	-	-	-	recordable indications.	

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
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REACTOR PRESSURE VESSEL INTERNALS

4-001		ASME	STATUS			N	I	O	REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM	DATA SHEET #	R	S	E	
NUMBER	IDENTIFICATION	CATEGORY	ITEM NO	METHOD		E	I	O	**CALIBRATION BLOCK**
						C	G	M	
(REF. DWG. NO. 4-V01)									
011733	CORE SUPPORT BARREL VESSEL TO HEAD ALIGNMENT PINS	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-06	-	-	-	5/2/05 - VT-3 Complete. No recordable indications.
011745	CORE SUPPORT BARREL BAFFLE BOLTS AND LOCKING DEVICES	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-05	-	-	-	5/1/05 - VT-3 Complete. No recordable indications.
011746	CORE SUPPORT BARREL BAFFLE PLATES	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-05	-	-	-	5/1/05 - VT-3 Complete. No recordable indications.
011747	CORE SUPPORT BARREL TOP FORMER PLATE	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-05	-	-	-	5/1/05 - VT-3 Complete. No recordable indications.
011748	CORE SUPPORT BARREL LOWER SUPPORT PLATE	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-07	-	-	-	5/2/05 - VT-3 Complete. No recordable indications.
011751	LOWER CORE PLATE PLATE, COLUMN BOLTING, GUIDE TUBE BOLTING	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-07	-	-	-	5/2/05 - VT-3 Complete. No recordable indications.
011753	CORE SUPPORT BARREL SUPPORT FLANGE, SEATING SURFACES, PLUGS	B-N-3 B13.70	C VT-3		51-5064915-00 2005 EOC22-06	-	-	-	5/2/05 - VT-3 Complete. No recordable indications.

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

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## REACTOR PRESSURE VESSEL INTERNALS

**4-001**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**-STATUS**

## EXAM METHOD

**DATA SHEET #**

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 4-V01)

011755	CORE SUPPORT BARREL	B-N-3	C VT-3	51-5064915-00	- - - -	5/2/05 - VT-3 Complete.	No
	HOLD DOWN SPRING	B13.70		2005 EOC22-06	X - - -	recordable indications.	

011763	IRRADIATION SPECIMEN	B-N-3	C VT-3	51-5064915-00	- - - -	5/2/05 - VT-3 Complete.
	CAPSULES AND	B13.70		2005 EOC22-04	- X - -	Acceptable indications were recorded. Capsule at 30 deg. - Gouges were seen located near the bottom of the capsule about two feet in length running vertically. Also, another area of gouging was noted at the very bottom on the tapered shoe running in the horizontal direction.
	ATTACHMENT WELDS					Capsule at 230 deg, - Gouges were seen located near the bottom on one side of the capsule running vertically for the entire length. Also, in numerous places along the base material, chafing was seen and peeling along the outside edges of the gouge were also observed. Capsule at 270 deg. - Gouges were located about 1/4 rd down from top of capsule running in the horizontal direction for about half the width of the capsule. Reference 2005-132331

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
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REACTOR PRESSURE VESSEL INTERNALS

4-001		ASME	STATUS		N I O				REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI	EXAM METHOD	DATA SHEET #	O	N	I	O		
		CATEGORY			R	S	G	T		
		ITEM NO			E	I	O	E		
					C	G	M	R	**CALIBRATION BLOCK**	
(REF. DWG. NO. 4-V01)										
011765	IRRADIATION SPECIMEN CAPSULE SLOTS	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-03	-	-	-	-	5/8/05 - VT-3 Complete. Acceptable indications were recorded. Capsule at 30 deg. - Gouges were seen located near the bottom of the capsule about two feet in length running vertically. Also, another area of gouging was noted at the very bottom on the tapered shoe running in the horizontal direction. Capsule at 230 deg, - Gouges were seen located near the bottom on one side of the capsue running vertically for the entire length. Also, in numerous places along the base material, chafing was seen and peeling along the outside edges of the gouge were also observed. Capsule at 270 deg. - Gouges were located about 1/4 rd down from top of capsule running in teh horizontal dire tion for about half the width of the capsule. Reference 2005-132331	
-----										
011766	CORE SUPPORT BARREL OUTLET NOZZLE TO VESSEL SEATING SURFACES	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-04	-	-	-	-	5/2/05 & 5/4/05 - VT-3 Complete. Acceptable indication was recorded. Vertical gouge was found at the 6 o'clock position of the 250 deg. outlet nozzle seating surface running the entire width of the face. Also, shallow vertical gouges were found at the 4 & 8 o'clock position of the 130 deg. outlet nozzle seating surface running the width of the face. This type of indication appears	

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
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CLASS 1 CXPRARE COMPONENTS

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REACTOR PRESSURE VESSEL INTERNALS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N I O O N G T R S E H E I O E C G M R				REMARKS  **CALIBRATION BLOCK**
4-001									
	(REF. DWG. NO. 4-V01)								
011766			C						to be normal contact mating and is seen on most core barrel exams throughout the industry. Reference CR 2005-13224.
011775	CORE SUPPORT BARREL THERMAL SHIELD & ATTACHMENTS AT BOTTOM	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-04	-	-	-	-	5/4/05 - VT-3 Complete. No recordable indications.
011776	CORE SUPPORT BARREL UPPER THERMAL SHIELD BOLTING/PINS	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-04	-	-	-	-	5/4/05 - VT-3 Complete. No recordable indications.
011777	CORE SUPPORT BARREL LOWER THERMAL SHIELD BOLTING/PINS	B-N-3 B13.70	C VT-3	51-5064915-00 2005 EOC22-06	-	-	-	-	5/2/05 - VT-3 Complete. No recordable indications.
011778	REACTOR VESSEL RADIAL SUPPORT KEYWAYS	B-N-2 B13.60	C VT-3	51-5064915-00 2005 EOC22-02	-	-	-	-	5/8/05 - VT-3 Complete. No recordable indications.
011781	VESSEL INSTRUMENTATION LOWER HEAD & INSTRUMENTATION GUIDE TUBE	B-N-1 B13.10	C VT-3	51-5064915-00 2005 EOC22-02	-	-	-	-	5/8/05 - VT-3 Complete. No recordable indications.
011784	OUTLET NOZZLE TO CORE INNER RADIUS SEALING SURFACE	B-N-1 B13.10	C VT-3	51-5064915-00 2005 EOC22-01	-	-	-	-	5/8/05 - VT-3 Complete. Acceptable indication was recorded. Vertical gouge was found at the 6 o'clock position of the 250 deg. outlet nozzle seating surface running the entire width of the face. Also, shallow vertical gouges were found at the 4 & 8 o'clock position of the 130 deg. outlet nozzle seating surface running the width of the face. This type of indication appears to be normal contact mating and is

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4-001		ASME	STATUS							
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM						REMARKS
NUMBER	IDENTIFICATION	CATEGORY		METHOD	DATA SHEET #					**CALIBRATION BLOCK**
		ITEM NO								
	(REF. DWG. NO. 4-V01)									
011784			C							seen on most core barrel exams throughout the industry. Reference CR 2005-13224.
011786	VESSEL OUTLET NOZZLES INTERIOR SURFACES	B-N-1 B13.10	C VT-3		51-5064915-00 2005 EOC22-01	- - - - X - - -				5/8/05 - VT-3 Complete. No recordable indications.
011787	VESSEL INLET NOZZLES INTERIOR SURFACES	B-N-1 B13.10	C VT-3		51-5064915-00 2005 EOC22-02	- - - - X - - -				5/8/05 - VT-3 Complete. No recordable indications.
011791	REACTOR VESSEL CORE SUPPORT LEDGE SURFACES	B-N-1 B13.10	C VT-3		51-5064915-00 2005 EOC22-02	- - - - X - - -				5/8/05 - VT-3 Complete. No recordable indications.
	(REF. DWG. NO. 5614-M-4000)									
011793	VESSEL TO CLOSURE HEAD MATING SURFACE ON VESSEL	B-N-1 B13.10	C VT-3		51-5064915-00 2005 EOC22-02	- - - - X - - -				5/8/05 - VT-3 Complete. No recordable indications.
	(REF. DWG. NO. 5614-M-4001)									
041000	4-LIG-1 THRU 20 THREADS IN FLANGE	B-G-1 B6.40	C UT  0L10 MHZ		51-5064915-00 2005-TP4-019	- - - - - - - - X - - -				5/14/05 - UT Complete. No recordable indications. Limited examination close to vessel edge due to seal surface. Total coverage obtained for ligaments is 84.67%. **UT-14**

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
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INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS			N	I	O		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI		EXAM METHOD	DATA SHEET #	C	G	M	R	REMARKS
		CATEGORY ITEM NO								
**CALIBRATION BLOCK**										
(REF. DWG. NO. 5614-M-4001)										
042000	4-LIG-21 THRU 40 THREADS IN FLANGE	B-G-1 B6.40	C UT  0L10 MHZ	51-5064915-00 2005-TP4-019	-	-	-	-	5/14/05 - UT Complete. No recordable indications. Limited examination close to vessel edge due to seal surface. Total coverage obtained for ligaments is 84.67%. **UT-14**	

043000	4-LIG-41 THRU 58 THREADS IN FLANGE	B-G-1 B6.40	C UT  0L10 MHZ	51-5064915-00 2005-TP4-019	-	-	-	-	5/14/05 - UT Complete. No recordable indications. Limited examination close to vessel edge due to seal surface. Total coverage obtained for ligaments is 84.67%. **UT-14**
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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
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REACTOR COOLANT SYSTEM LOOP A COLD LEG

4-009		ASME	STATUS	N I O				REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI		R	S	E	H	
NUMBER	IDENTIFICATION	CATEGORY	EXAM	E	I	O	E	
		ITEM NO	METHOD	C	G	M	R	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-766-S SH. 1)								
057500	27.5"-RCS-1407-14 ELBOW TO RPV NOZZLE	R-A R1.11	C UT	51-5064915-00	X	-	-	5/5/1/05 thru 5/8/05 - UT Complete. No recordable indications. 100% CRV achieved. Examination performed from the ID by Framatome **UT-26R, UT-32**



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## TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4

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## INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)

CLASS 1 CXPBARE COMPONENTS

## REACTOR COOLANT SYSTEM LOOP B HOT LEG

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O T H E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-766-S SH. 2)								
058800	29"-RCS-1405-2 PIPE TO PIPE	R-A R1.11	C UT 45S2.25AX 45S2.25CIR	5.4-007	- - -	- - X	- - X	4/19/05 - UT Complete. Root geometry recorded. Scan limitation due to branch connection for 2.6" on downstream side. **UT-12, UT-46**

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
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CLASS 1 CXPBARE COMPONENTS

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REACTOR COOLANT SYSTEM LOOP C HOT LEG

4-014

4-014

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	STATUS EXAM METHOD	DATA SHEET #	N	I	O	REMARKS		
		SEC. XI			O	N	N		G	T
		CATEGORY ITEM NO			R	S	E		H	E
					E <th>I</th> <th>O</th> <td></td>	I	O			
					C <th>G</th> <th>M</th> <th>R</th> <td>**CALIBRATION BLOCK**</td>	G	M	R	**CALIBRATION BLOCK**	

(REF. DWG. NO. 5614-P-766-S SH. 3)

060900	29"-RCS-1408-1 RPV NOZZLE TO PIPE	R-A R1.11	C UT	51-5064915-00	X	-	-	-	5/1/05 thru 5/8/05 - UT Complete. No recordable indications. 100% CRV achieved. Examination performed from the ID by Framatome **UT-12, UT-32, UT-46**
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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 1 CXPBARE COMPONENTS

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REACTOR COOLANT PUMP C

4-058

4-058		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-M-4008)								
198400	4-RCP-C-A PUMP CASING WELD A	B-L-1 B12.10	C VT-1	4.1-014		X	-	-	4/26/05 - VT-1 Complete. No recordable indications.
198500	4-RCP-C-B PUMP CASING WELD B	B-L-1 B12.10	C VT-1	4.1-015		X	-	-	4/26/05 - VT-1 Complete. No recordable indications.
198600	4-RCP-C-C PUMP CASING WELD C	B-L-1 B12.10	C VT-1	4.1-016		X	-	-	4/26/05 - VT-1 Complete. No recordable indications.
199250	4-RCP-C-L1 THRU L3 IA INTEGRAL ATTACHMENT	B-K B10.20	C PT	3.3-011		X	-	-	4/26/05 - PT Complete. No recordable indications.

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## TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4

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## INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)

## CLASS 2 CXPBARE COMPONENTS

## MAIN STEAM SYSTEM LOOP A OUTSIDE CONTAINMENT

4-102		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-P-562-S	SH. 2)							
263200	14"-MSA-2402-1	C-F-2	C MT	2.2-002		X	-	-	-
	12" WELDOLET TO PIPE	C5.51	RT	9.3-001		X	-	-	-
									4/16/05 - PT Complete. No
									recordable indications.
									4/17/05 - RT Complete. No
									recordable indications.



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## TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4

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## INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)

## CLASS 2 CXPBARE COMPONENTS

## MAIN FEEDWATER SYSTEM LOOP A

4-111

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C G	I N S I O M	O T H E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-557-S SH. 1)								
282600	14"-FWA-2401-20	C-F-2	C MT	2.2-003	X	-	-	4/20/05 - MT Complete. No
	PIPE TO ELBOW	C5.51	UT	5.2-003	-	-	-	recordable indications.
			45S2.25CIR		X	-	-	Undercut was observed on the
			70S2.25AX		-	-	X	upstream toe. 4/28/05 - UT
								Complete. Backing ring
								recorded. **UT-20**

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 2 CXPBARE COMPONENTS

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MAIN FEEDWATER SYSTEM LOOP C

4-113

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N I O O N G T R S E H E I O E C G M R				REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-789-S SH. 1)									
288160	CONT. PENETRATION INTEGRAL ATTACHMENT	C-C C3.20	C MT	2.2-005	X	-	-	-	4/22/05 - MT Complete. No recordable indications.

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TURKEY POINT THIRD INTERVAL [TP4] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 3, PERIOD 3, OUTAGE 3 (2005)  
CLASS 2 CXPBARE COMPONENTS

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MAIN FEEDWATER BYPASS LOOP A

4-114

4-114

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	STATUS  EXAM METHOD	DATA SHEET #	N	I	O	REMARKS  **CALIBRATION BLOCK**	
		SEC. XI			R	N	G		T
		CATEGORY ITEM NO			O	S	E		H
					E <td>I<td>O<td></td></td></td>	I <td>O<td></td></td>	O <td></td>		
					C <td>G<td>M<td>R</td></td></td>	G <td>M<td>R</td></td>	M <td>R</td>	R	

(REF. DWG. NO. 5614-P-770-S SH. 3)

290150	7884-R-014-01 IA	C-C	C MT	2.2-001	X	-	-	-	4/13/05 - MT Complete. No
	INTEGRAL ATTACHMENTS	C3.20							recordable indications.



INTAKE COOLING WATER TO CCW HEAT EXCHANGERS

**4-166**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**-STATUS**

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-542-S SH. 2)

328880	STRAINER A	F-A	C VT-3	NDE 4.3
	WELDED STANCHION	F1.40		

328890	Strainer A IA	D-A	C VT-1	NDE 4.1
	INTEGRAL ATTACHMENTS	D1.10		

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Summary of Inservice Inspection Examinations  
4<sup>th</sup> Interval – 1<sup>st</sup> Period**

**Attachment 2**

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4000)									
001900	4-WH-12 FLANGE TO DOME WELD	B-A B1.40	R MT UT	NDE 2.2 NDE 5.1					**UT-2**
-----									
011795	VESSEL TO CLOSURE HEAD B-N-1 MATING SURFACE ON HEAD B13.10		R VT-3	NDE 4.3					
-----									
011796	VESSEL TO CLOSURE HEAD B-N-1 MATING SURFACE ON HEAD B13.10		B VT-3	4.3-043	-	-	-	X	2/25/05 - VT-3 Complete. A rounded indication was observed on the surface of the inner groove at stud location #6. The dimension of the indication is .027" x .015". Reference CR 2005-6129.
-----									
043500	4-LIFTINGLUG-1 LIFTING LUG AT 60 DEGREES	B-K B10.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
043510	4-LIFTINGLUG-2 LIFTING LUG AT 180 DEGREES	B-K B10.10	B PT	54-ISI-240	-	X	-	-	12/29/04 - PT Complete. Observed 2 rounded 3/16" indications on downstream side of weld toe. Evaluated by FANP condition report 2005-10. Indications are acceptable.
-----									
043520	4-LIFTINGLUG-3 LIFTING LUG AT 300 DEGREES	B-K B10.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-M-4000)								
043530	4-SUPPORTLUG-1 LIFTING LUG AT 0 DEGREES	B-K B10.10	B PT	54-ISI-240		X	-	-	12/29/04 - PT Complete. No recordable indications.
043540	4-SUPPORTLUG-2 LIFTING LUG AT 120 DEGREES	B-K B10.10	B PT	54-ISI-240		X	-	-	12/29/04 - PT Complete. No recordable indications.
043550	4-SUPPORTLUG-3 LIFTING LUG AT 240 DEGREES	B-K B10.10	B PT	54-ISI-240		-	X	-	12/29/04 - PT Complete. Observed 1 rounded 3/32" and one linear 1/8" indications on downstream side of weld toe. Evaluated by FANP condition report 2005-10. Indications are acceptable.
044000	4-WH-14-1 THRU 65 CRDM HOUSING WELDS	B-O B14.10	R PT	NDE 3.3					
044050	4-CRDM-59 (P8) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240		X	-	-	12/29/04 - PT Complete. No recordable indications.
044060	4-CRDM-64 (P6) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240		X	-	-	12/29/04 - PT Complete. No recordable indications.
044070	4-CRDM-32 (M6) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240		X	-	-	12/29/04 - PT Complete. No recordable indications.

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS		N O R E C I N S E I O G M T H E R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4000)									
044080	4-CRDM-27 (L5) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044090	4-CRDM-53 (L3) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044100	4-CRDM-65 (K2) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044110	4-CRDM-60 (H2) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044120	4-CRDM-66 (F2) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044130	4-CRDM-34 (F4) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044140	4-CRDM-28 (E5) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044150	4-CRDM-55 (C5) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-M-4000)								
044160	4-CRDM-67 (B6) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044170	4-CRDM-61 (B8) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044180	4-CRDM-68 (B10) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044190	4-CRDM-36 (D10) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044200	4-CRDM-29 (E11) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044210	4-CRDM-57 (E13) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044220	4-CRDM-69 (F14) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			
044230	4-CRDM-58 (H14) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X - - -	12/29/04 - PT Complete. No recordable indications.			

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR PRESSURE VESSEL

4-001

4-001		ASME	STATUS		N O R E C I N S E I O G S E O M T H E R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4000)									
044240	4-CRDM-62 (K14) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044250	4-CRDM-30 (K12) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044260	4-CRDM-26 (L11) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044270	4-CRDM-51 (N11) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
044280	4-CRDM-63 (P10) CRDM HOUSING WELDS	B-O B14.10	B PT	54-ISI-240	X	-	-	-	12/29/04 - PT Complete. No recordable indications.
-----									
045000	CONTROL ROD DRIVE	BP B15.10	R VT-2	NDE 4.2					
-----									
046000	INSTRUMENTATION	B-P B15.10	R VT-2	NDE 4.2					

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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STEAM GENERATOR A PRIMARY SIDE

4-003

4-003		ASME	STATUS		N	I	O	
		SEC. XI			O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM		R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #	E	I	O	E
					C	G	M	R
								REMARKS
								**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4003)								
050800	4-SGA-Z	B-B	C UT	5.1-001	-	-	-	4/27/05 - UT Complete.
	HEAD TO TUBESHEET WELD	B2.40	OL2.25		-	-	-	X Previously accepted
			45S2.25AX		-	-	-	X inclusions were record.
			45S2.25CIR		-	-	-	X
			60S2.25AX		-	-	-	X **UT-8**
			60S2.25CIR		-	-	-	X



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REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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PRESSURIZER

4-006

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N I O O N G T R S E H E I O E C G M R				REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4002 SH.1)									
055500	4-PZR-1 THRU 16 PRESSURIZER MANWAY BOLTING	B-G-2 B7.20	C VT-1	4.1-003	X	-	-	-	4/13/05 - VT-1 Complete. No recordable indications

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR COOLANT SYSTEM LOOP A INTERMEDIATE LEG

4-007		ASME	STATUS		N I O				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI	EXAM METHOD	DATA SHEET #	O	N	G	T	
		CATEGORY			R	S	E	H	
		ITEM NO			E	I	O	E	
**CALIBRATION BLOCK**									
(REF. DWG. NO. 5614-P-766-S SH. 1)									
056200	31"-RCS-1401-9	R-A	C UT	NDE 5.4-006	-	-	-	-	4/19/05 - UT Complete. No
	PIPE TO ELBOW	R1.11	45S2.25AX		X	-	-	-	recordable indications.
			45S2.25CIR		X	-	-	-	**UT-12, UT-26R, UT-46**
				NDE 5.23-001	-	-	-	-	
			45L1.00AX		X	-	-	-	
			45L1.00CIR		X	-	-	-	

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR COOLANT SYSTEM LOOP A HOT LEG

4-008		ASME	STATUS	N I O				REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI		EXAM METHOD	DATA SHEET #	O	N		G	T
		CATEGORY				R	S		E	H
		ITEM NO				E	I		O	E
			C			G	M	R		
**CALIBRATION BLOCK**										
(REF. DWG. NO. 5614-P-766-S SH. 1)										
056700	29"-RCS-1404-2	R-A	C UT	5.4-010	-	-	-	-	4/26/05 - UT Complete. Root	
	PIPE TO PIPE	R1.11	45S2.25AX		-	-	X	-	geometry recorded. **UT-12,	
			45S2.25CIR		X	-	-	-	UT-46**	
			60S2.25AX		X	-	-	-		

-----

**DATE: 06/27/05**

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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## REACTOR COOLANT SYSTEM LOOP A COLD LEG

**4-009**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-766-S SH. 1)

057800	27.5"-RCS-1407-21	R-A	C VT-2	4.2-002	X - - -	4/10/05 - VT-2 Complete.	No
	2" BRANCH CONNECTION	R1.12				Recordable Indications	

057820	27.5"-RCS-1407-24	R-A	C VT-2	4.2-002	X - - -	4/10/05 - VT-2 Complete.	No
	BRANCH CONNECTION TO	R1.12				Recordable Indications	
	INST. CONNECTION						

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR COOLANT LOOP A DRAIN

4-026

4-026

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I C	G E I O M	O T H E R	REMARKS  **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-577-S SH. 1)									
082700	2"-RC-1401-1 BRANCH CONNECTION TO PIPE	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
082800	2"-RC-1401-2 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
082900	2"-RC-1401-3 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
083000	2"-RC-1401-4 PIPE TO TEE	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
083100	2"-RC-1401-5 TEE TO REDUCING INSERT	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
083200	2"-RC-1401-6 TEE TO PIPE	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
083300	2"-RC-1401-7 PIPE TO VALVE 4-508A	R-A R1.12	C VT-2	4.2-003	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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## REACTOR COOLANT LOOP B DRAIN

4-027

SUMMARY		ASME	STATUS		N O I O R S S E E I O H C G M R				REMARKS
NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-577-S SH. 2)									
083500	2"-RC-1402-1 BRANCH CONNECTION TO PIPE	R-A R1.12	C VT-2	4.2-004	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
083600	2"-RC-1402-2 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-004	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
083700	2"-RC-1402-3 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-004	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
083800	2"-RC-1402-4 PIPE TO VALVE 4-515A	R-A R1.12	C VT-2	4.2-004	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

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**TURKEY POINT - UNIT 4**

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## REACTOR COOLANT LOOP C DRAIN

**4-028**

4-028			STATUS		N I O R N G T E S E H C I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-577-S SH. 3)									
084100	2"-RC-1403-1 BRANCH CONNECTION TO PIPE	R-A R1.12	C VT-2	4.2-005	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
084200	2"-RC-1403-2 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-005	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
084300	2"-RC-1403-3 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-005	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
084400	2"-RC-1403-4 PIPE TO VALVE 4-505A	R-A R1.12	C VT-2	4.2-005	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

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## TURKEY POINT - UNIT 4

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INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

## CHEMICAL AND VOLUME CONTROL AUXILIARY SPRAY LINE

4-035

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C G	I N S E I O M	O T H E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-782-S SH. 1)								
111500	2"-RC-1410-33 VALVE 4-313 TO PIPE	R-A R1.12	C VT-2	4.2-012	X	-	-	6/4/05 - VT-2 Complete. No recordable indications **UT-54**
-----								
111600	2"-RC-1410-34 PIPE TO TEE	R-A R1.12	C VT-2	4.2-012	X	-	-	6/4/05 - VT-2 Complete. No recordable indications **UT-54**
-----								



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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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RESIDUAL HEAT REMOVAL FROM RCS LOOP A HOT LEG

4-036		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-574-S SH. 1)									
115300	MOV-4-750 VALVE INTERNAL SURFACE	B-M-2 B12.50	C VT-3	4.3-032	X	-	-	-	4/21/05 - VT-3 Complete. No Recordable Indications.
-----									
115400	MOV-4-750 BOLTING VALVE BOLTING	B-G-2 B7.70	C VT-1	4.1-007 4.1-008	-	-	-	X	4/21/05 - VT-1 Complete. Valve nut #13 and #2 stud was galled. Valve nut #21 and #13 stud was frozen together. 4/22/05 - VT-1 Complete. Preservice examination of new studs and nuts. Reference CR 2005-12007
-----									
115650	4-ACH-180 DOUBLE ACTING RESTRAINT	F-A F1.10	C VT-3	4.3-014	X	-	-	-	4/13/05 - VT-3 Complete. No Recordable Indications.
-----									
116430	PS-3 DOUBLE ACTING RESTRAINT	F-A F1.10	C VT-3	4.3-026 4.3-026A	-	-	-	X	4/20/05 - VT-3 Complete. Field verified clearances differ from drawing. Actual field clearances are 1/16 inch on the top and 1/8 inch on the bottom lugs on the wall plate side instead of 1/16 inch and 1/8 inch on top and bottom on the opposite side instead of 0 inches. Also, chaffing was observed on the top tube steel on the lug closes to the wall plate. Note: Drawing discrepancy - Lugs are welded on three sides instead of all the way around as shown on the as-built. Engineering Disposition - Use As-is. Reference CR 2005-11852. 4/28/2005 - Additional measurements taken for engineering using filler gauges.

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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RESIDUAL HEAT REMOVAL FROM RCS LOOP A HOT LEG

4-036

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O N G E O R	REMARKS **CALIBRATION BLOCK**
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(REF. DWG. NO. 5614-P-574-S SH. 1)

116430

C

116470	PS-3 IA INTEGRAL ATTACHMENTS	B-K B10.20	C PT	3.3-008	X	-	-	-	4/20/05 - PT Complete. No recordable indications
--------	---------------------------------	---------------	------	---------	---	---	---	---	-----------------------------------------------------

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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## RESIDUAL HEAT REMOVAL TO RCS LOOP A COLD LEG

**4-037**

4-037

		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-509-S SH. 1)									
119150	8073-H-825-01 DOUBLE ACTING RESTRAINT	F-A F1.10	C VT-3	4.3-011	X	-	-	-	4/13/05 - VT-3 Complete. No Recordable Indications.
-----									
119450	SR-450C SPRING HANGER	F-A F1.10	C VT-3	4.3-015 4.3-041	-	-	-	X	4/13/05 - VT-3 Complete. Spring can setting is out of tolerance. Engineering disposition - Reset spring can setting to cold position. 4/28/2005 - Re-examination after corrective action per CR 2005-10974
-----									
120650	10"-SI-1401-21 ELBOW TO ELBOW	R-A R1.11	C UT 45S2.25CIR 60S2.25AX	5.4-008	-	-	-	-	4/21/05 - UT Complete. No recordable indications. **UT-27**

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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RESIDUAL HEAT REMOVAL TO RCS LOOP C COLD LEG

4-039		ASME	STATUS			N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM		O	N	G	T
NUMBER	IDENTIFICATION	CATEGORY		METHOD	DATA SHEET #	E	I	O	E
		ITEM NO				C	G	M	R
	(REF. DWG. NO. 5614-P-509-S	SH. 4)							
124940	SR-449	F-A	C VT-3	4.3-012		X	-	-	-
	SPRING HANGER	F1.10							
									4/13/05 - VT-3 Complete. No
									Recordable Indications.

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP A INSIDE CTMT

4-040		ASME	STATUS			N	I	O	REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM		O	N	G	
NUMBER	IDENTIFICATION	CATEGORY	ITEM NO	METHOD	DATA SHEET #	E	I	E	
						C	G	M	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-512-S SH. 1)									
128100	2"-SI-1401-1 VALVE 4-873A TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128200	2"-SI-1401-2 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128300	2"-SI-1401-3 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128400	2"-SI-1401-4 PIPE TO TEE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128450	2"-SI-1401-5 TEE TO REDUCING INSERT	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128500	2"-SI-1401-6 TEE TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128600	2"-SI-1401-7 PIPE TO VALVE 4-868A	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
128700	2"-SI-1401-8 VALVE 4-868A TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No recordable indications.

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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### HIGH HEAD SAFETY INJECTION LOOP A INSIDE CTMT

4-040

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

N O R E C	I N S I G	G E O M	O T H E R
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
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19	19	19	19
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92	92	92	92
93	93	93	93
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95	95	95	95
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97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-512-S SH. 1)

128800	2"-SI-1401-9	R-A	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No
	PIPE TO ELBOW	R1.12				recordable indications.

128900	2"-SI-1401-10	R-A	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No
	ELBOW TO PIPE	R1.12				recordable indications.

129000	2"-SI-1401-11	R-A	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No
	PIPE TO COUPLING	R1.12				recordable indications.

129100	2"-SI-1401-12	R-A	C VT-2	4.2-006	X - - - 4/10/05 - VT-2 Complete. No
	COUPLING TO PIPE	R1.12			recordable indications.

(REF. DWG. NO. 5614-P-512-S SH. 2)

129200	2"-SI-1401-13	R-A	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No
	PIPE TO COUPLING	R1.12				recordable indications.

129300	2"-SI-1401-14	R-A	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.
	COUPLING TO PIPE	R1.12				

129340	WR-5	F-A	C VT-3	4.3-040	X - - -	4/26/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.10				Recordable Indications.
	RESTRAINT					

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REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP A INSIDE CTMT

4-040		ASME	STATUS			N	I	O	REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM		O	N	G	
NUMBER	IDENTIFICATION	CATEGORY		METHOD	DATA SHEET #	E	S	E	
		ITEM NO				C	I	O	
						G	M	R	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-512-S SH. 2)									
129400	2"-SI-1401-15 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.			
129500	2"-SI-1401-16 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.			
129600	2"-SI-1401-17 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.			
129700	2"-SI-1401-18 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.			
129800	2"-SI-1401-19 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.			
129900	2"-SI-1401-20 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No recordable indications.			
129930	2"-SI-1401-32 PIPE TO TEE	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No Recordable Indications			
129950	2"-SI-1401-33 TEE TO REDUCING INSERT	R-A R1.12	C VT-2	4.2-006	X - - -	4/10/05 - VT-2 Complete. No Recordable Indications			

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP A INSIDE CTMT

4-040

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O N G E O R	T H E R	REMARKS
									**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-512-S SH. 2)									
129970	2"-SI-1401-34 TEE TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130000	2"-SI-1401-21 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130100	2"-SI-1401-22 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130200	2"-SI-1401-23 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130300	2"-SI-1401-24 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130400	2"-SI-1401-25 PIPE TO COUPLING	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130500	2"-SI-1401-26 COUPLING TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130600	2"-SI-1401-27 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications



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REVISION: 4

**TURKEY POINT - UNIT 4**

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# HIGH HEAD SAFETY INJECTION LOOP A INSIDE CTMT

**4-040**

4-040		ASME	STATUS		N O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-512-S SH. 2)									
130700	2"-SI-1401-28 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130800	2"-SI-1401-29 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
130900	2"-SI-1401-30 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
131000	2"-SI-1401-31 PIPE TO BRANCH CONNECTION	R-A R1.12	C VT-2	4.2-006	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP B INSIDE CTMT

4-041		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-513-S SH. 1)									
132400	2"-SI-1402-1 VALVE 4-873B TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
132500	2"-SI-1402-2 PIPE TO TEE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
132550	2"-SI-1402-3 TEE TO REDUCING INSERT	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
132600	2"-SI-1402-4 TEE TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
132700	2"-SI-1402-5 PIPE TO VALVE 4-868B	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
132800	2"-SI-1402-6 VALVE 4-868B TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
132900	2"-SI-1402-7 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133000	2"-SI-1402-8 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP B INSIDE CTMT

4-041		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-513-S SH. 1)									
133100	2"-SI-1402-9 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133200	2"-SI-1402-10 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133300	2"-SI-1402-38 PIPE TO TEE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133350	2"-SI-1402-39 TEE TO REDUCING INSERT	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133400	2"-SI-1402-40 TEE TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133500	2"-SI-1402-11 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133600	2"-SI-1402-12 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133700	2"-SI-1402-13 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP B INSIDE CTMT

4-041		ASME	STATUS		N O R E C I N S E I O G S E I O M R T H E R				REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM	DATA SHEET #					
NUMBER	IDENTIFICATION	CATEGORY	METHOD						**CALIBRATION BLOCK**
		ITEM NO							
(REF. DWG. NO. 5614-P-513-S SH. 1)									
133800	2"-SI-1402-14 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
133900	2"-SI-1402-15 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
134000	2"-SI-1402-16 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
134300	2"-SI-1402-19 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
134400	2"-SI-1402-20 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
134500	2"-SI-1402-21 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
134600	2"-SI-1402-22 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
134620	2"-SI-1402-43 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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## HIGH HEAD SAFETY INJECTION LOOP B INSIDE CTMT

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ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

★★CALIBRATION BLOCK★★

(REF. DWG. NO. 5614-P-513-S SH. 1)

134630	2"-SI-1402-44	R-A	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No
	ELBOW TO PIPE	R1.12				Recordable Indications

134700	2"-SI-1402-23	R-A	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No
	PIPE TO COUPLING	R1.12				Recordable Indications

134800	2"-SI-1402-24	R-A	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No
	COUPLING TO PIPE	R1.12				Recordable Indications

134900	2"-SI-1402-25	R-A	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No
	PIPE TO ELBOW	R1.12				Recordable Indications

(REF. DWG. NO. 5614-P-513-S SH. 2)

135000	2"-SI-1402-26	R-A	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No
	ELBOW TO PIPE	R1.12				Recordable Indications

135100	2"-SI-1402-27 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No Recordable Indications
--------	--------------------------------	--------------	--------	---------	---------	-------------------------------------------------------

135200	2"-SI-1402-28	R-A	C VT-2	4.2-007	X - - - 4/10/05 - VT-2 Complete. No
	ELBOW TO PIPE	R1.12			Recordable Indications

DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP B INSIDE CTMT

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	STATUS EXAM METHOD	DATA SHEET #	N	I	O	REMARKS  **CALIBRATION BLOCK**
		SEC. XI CATEGORY ITEM NO			R	N	G	
					E <th>I</th> <th>E</th> <td></td>	I	E	
					C <th>O</th> <th>M</th> <td></td>	O	M	
(REF. DWG. NO. 5614-P-513-S SH. 2)								
135300	2"-SI-1402-29 PIPE TO COUPLING	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135400	2"-SI-1402-30 COUPLING TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135420	2"-SI-1402-41 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135430	2"-SI-1402-42 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135500	2"-SI-1402-31 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135600	2"-SI-1402-32 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135700	2"-SI-1402-33 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----								
135800	2"-SI-1402-34 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP B INSIDE CTMT

4-041		ASME	STATUS			N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM		O	N	G	T
NUMBER	IDENTIFICATION	CATEGORY		METHOD	DATA SHEET #	E	I	O	E
		ITEM NO				C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-P-513-S	SH. 2)							
135900	2"-SI-1402-35 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No Recordable Indications			
136000	2"-SI-1402-36 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No Recordable Indications			
136100	2"-SI-1402-37 PIPE TO BRANCH CONNECTION	R-A R1.12	C VT-2	4.2-007	X - - -	4/10/05 - VT-2 Complete. No Recordable Indications			

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP C INSIDE CTMT

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4-042		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-P-514-S		SH. 1)						
137600	2"-SI-1403-1	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	VALVE 4-873C TO PIPE	R1.12							Recordable Indications
-----									
137700	2"-SI-1403-2	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	PIPE TO ELBOW	R1.12							Recordable Indications
-----									
137800	2"-SI-1403-3	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	ELBOW TO PIPE	R1.12							Recordable Indications
-----									
137900	2"-SI-1403-4	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	PIPE TO TEE	R1.12							Recordable Indications
-----									
137950	2"-SI-1403-5	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	TEE TO REDUCING INSERT	R1.12							Recordable Indications
-----									
138000	2"-SI-1403-6	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	TEE TO PIPE	R1.12							Recordable Indications
-----									
138100	2"-SI-1403-7	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	PIPE TO VALVE 4-868C	R1.12							Recordable Indications
-----									
138200	2"-SI-1403-8	R-A	C VT-2	4.2-008		X	-	-	4/10/05 - VT-2 Complete. No
	VALVE 4-868C TO PIPE	R1.12							Recordable Indications



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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
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HIGH HEAD SAFETY INJECTION LOOP C INSIDE CTMT

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4-042		ASME	STATUS		N O R E C I N S E I O G M R T H E R				REMARKS											
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM	METHOD	DATA SHEET #	C	I	N	S	E	I	O	G	M	R	T	H	E	R	***CALIBRATION BLOCK**
NUMBER	IDENTIFICATION	CATEGORY																		ITEM NO
(REF. DWG. NO. 5614-P-514-S SH. 1)																				
138300	2"-SI-1403-9 PIPE TO ELBOW	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							
138400	2"-SI-1403-10 ELBOW TO PIPE	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							
138450	PS-2 DOUBLE ACTING RESTRAINT	F-A F1.10	C	VT-3	4.3-030	X	-	-	-	4/21/05 - VT-3 Complete.	No	Recordable	Indications.							
138500	2"-SI-1403-11 PIPE TO ELBOW	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							
138600	2"-SI-1403-12 ELBOW TO PIPE	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							
138700	2"-SI-1403-13 PIPE TO ELBOW	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							
138800	2"-SI-1403-14 ELBOW TO PIPE	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							
138900	2"-SI-1403-15 PIPE TO ELBOW	R-A R1.12	C	VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete.	No	Recordable	Indications							

(REF. DWG. NO. 5614-P-514-S SH. 2)

DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP C INSIDE CTMT

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SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G C	G E I M	O T H E R	REMARKS  **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-514-S SH. 2)									
139000	2"-SI-1403-16 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139100	2"-SI-1403-17 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139200	2"-SI-1403-18 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139300	2"-SI-1403-19 PIPE TO COUPLING	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139400	2"-SI-1403-20 COUPLING TO PIPE	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139500	2"-SI-1403-21 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139600	2"-SI-1403-22 ELBOW TO PIPE	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications
-----									
139700	2"-SI-1403-23 PIPE TO ELBOW	R-A R1.12	C VT-2	4.2-008	X	-	-	-	4/10/05 - VT-2 Complete. No Recordable Indications

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

**PAGE: 33**

## HIGH HEAD SAFETY INJECTION LOOP C INSIDE CTMT

**4-042**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-514-S SH. 2)

139800	2"-SI-1403-24	R-A	C VT-2	4.2-008	X - - -	4/10/05 - VT-2 Complete. No
	ELBOW TO PIPE	R1.12				Recordable Indications

139900	2"-SI-1403-25 PIPE TO BRANCH CONNECTION	R-A R1.12	C VT-2	4.2-008	X - - -	4/10/05 - VT-2 Complete. Recordable Indications	No
--------	-----------------------------------------------	--------------	--------	---------	---------	----------------------------------------------------	----

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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HIGH HEAD SAFETY INJECTION LOOP A INSIDE CTMT

4-043		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-792-S SH. 2)									
143040	8081-H-001-14	F-A	C VT-3	4.3-016	-	-	-	X	4/14/05 - VT-3 Complete.
	SPRING HANGER	F1.10		4.3-042	X	-	-	-	Spring can setting is out of tolerance. Engineering disposition - Reset spring can setting to cold position. 4/28/2005 - Re-examination after corrective action per CR 2005-10976

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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CHEMICAL & VOLUME CONTROL TO RCS LOOP C HOT LEG

4-045

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O N G T H O E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-782-S SH. 2)								
152650	CV-4-310B Valve		A VT-1	4.1-013	-	-	- X	4/24/05 - VT-1 Complete. Examined one stud only for the boric acid program. Light dry boric accumulation on the stud and inside the bonnet stud hole 360 degrees. Evidence of water was observed in the valve body threads and 1 1/2" of the stud was wet. Reference WO 35009665-01. Valve was later taken apart and gasket was replaced.

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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# CHEMICAL & VOLUME CONTROL TO RCS LOOP A COLD LEG

4-046

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**STATUS**

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-782-S SH. 3)

161350	SR-942	F-A	C VT-3	4.3-038	X - - -	4/25/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.10				Recordable Indications.
	RESTRAINT					

---

DATE: 06/27/05  
REVISION: 4

**TURKEY POINT - UNIT 4**  
**INSERVICE INSPECTION RESULTS SUMMARY**  
**INTERVAL 4, PERIOD 1, OUTAGE 1 (05)**  
**CLASS 1 CPBEAR COMPONENTS**

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## CHEMICAL AND VOLUME CONTROL TO REGENERATIVE HX

**4-047**

ASME STATUS

N O R E C	I N S I G	G E O M	O T H E R
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
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38	38	38	38
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40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
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82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-551-S SH. 1)

163050	4-VCH-63	F-A	C VT-3	4.3-039	X - - -	4/25/05 - VT-3 Complete. No Recordable Indications.
	DOUBLE ACTING	F1.10				
	RESTRAINT					

### Recordable Indications.

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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### CHEMICAL & VOLUME CONTROL SEAL INJECTION LOOP A

**4-050**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-556-S SH. 1)

172650	PS-1 TYPE A	F-A	C VT-3	4.3-027	X - - -	4/20/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.10				Recordable Indications.
	RESTRAINT					

174750 2"-CH-1403-FB B-G-2 C VT-1 4.1-009 X - - - 4/23/05 - VT-1 Complete. No  
PIPING FLANGE BOLTING B7.50 recordable indications

175500	1.5"-CH-1401-FB	B-G-2	C VT-1	4.1-005	X - - -	4/15/05 - VT-1 Complete. No recordable indications
	PIPING FLANGE BOLTING	B7.50				

(REF. DWG. NO. )

175890	3/4"-CH-1439A-1	R-A	C VT-2	4.2-009	X - - -	4/10/05 - VT-2 Complete. No
	RCP 4P-200A TO	R1.12				recordable indications.
	CONNECTION					

175892	3/4"-CH-1439A-2	R-A	C VT-2	4.2-009	X - - - 4/10/05 - VT-2 Complete. No
	CONNECTION TO PIPE	R1.12			recordable indications.

175894	3/4"-CH-1439A-3 PIPE TO FLANGE	R-A R1.12	C VT-2	4.2-009	X - - -	4/10/05 - VT-2 Complete. No recordable indications.
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DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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CHEMICAL & VOLUME CONTROL SEAL INJECTION LOOP B

4-051		ASME	STATUS			N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM			O	N	G	T
NUMBER	IDENTIFICATION	CATEGORY	METHOD	DATA SHEET #		R	S	E	H
		ITEM NO				E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. )								
180880	3/4"-CH-1440A-1 RCP 4P-200C TO CONNECTION	R-A R1.12	C VT-2	4.2-011		-	-	-	4/10/05 - VT-2 Complete. No recordable indications.
180882	3/4"-CH-1440A-2 CONNECTION TO PIPE	R-A R1.12	C VT-2	4.2-011		X	-	-	4/10/05 - VT-2 Complete. No recordable indications.
180884	3/4"-CH-1440A-3 PIPE TO FLANGE	R-A R1.12	C VT-2	4.2-011		X	-	-	4/10/05 - VT-2 Complete. No recordable indications.

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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CHEMICAL & VOLUME CONTROL SEAL INJECTION LOOP C

4-052

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O N G T H O E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. )								
186568	3/4"-CH-1441A-1 RCP 4P-200C TO CONNECTION	R-A R1.12	C VT-2	4.2-010	X	-	-	4/10/05 - VT-2 Complete. No recordable indications.
-----								
186570	3/4"-CH-1441A-2 CONNECTION TO PIPE	R-A R1.12	C VT-2	4.2-010	X	-	-	4/10/05 - VT-2 Complete. No recordable indications.
-----								
186572	3/4"-CH-1441A-3 PIPE TO ORIFICE	R-A R1.12	C VT-2	4.2-010	X	-	-	4/10/05 - VT-2 Complete. No recordable indications.
-----								

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 1 CPBEAR COMPONENTS

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REACTOR COOLANT PUMP C

4-058

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N I O O N G T R S E H E I O E C G M R				REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-M-4008 SH.1)									
198700	4-RCP-C-PUMP CASING INTERNAL SURFACES	B-L-2 B12.20	P VT-3	NDE 4.3					05 -

(REF. DWG. NO. 5614-M-4008)

198800	4-RCP-FSC-1 THRU 24 FLANGE STUDS	B-G-1 B6.180	C UT	5.8-001	-	-	-	-	4/21/05 - UT Complete. No recordable indications. Preservice examination was performed on stud #19. The original stud had thread damage in the engaged area. **UT-18**
			OL10.0	ZONE 1	X	-	-	-	
			OL10.0	ZONE 2	X	-	-	-	

198900	4-RCP-FNC-1 THRU 24 FLANGE NUTS	B-G-1 B6.200	C VT-1	4.1-010	X	-	-	-	4/22/05 - VT-1 Complete. No recordable indications. 4/27/05 - VT-1 Complete. Baseline exam on replacement nut due to mushrooming.
				4.1-017	X	-	-	-	

199000	4-RCP-FLC-1 THRU 24 FLANGE SURFACE	B-G-1 B6.190	C VT-1	4.1-011	X	-	-	-	4/21/05 - VT-1 Complete. No recordable indications
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DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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STEAM GENERATOR C SECONDARY SIDE

4-062		ASME	STATUS			N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	CATEGORY	METHOD	DATA SHEET #		E	I	O	E
		ITEM NO				C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-M-4005)								
207900	4-SGC-SS SECONDARY SIDE EXAMINATION		C VT	4.4-001		X	-	-	-
									4/20/05 - VT / UT Complete. Performed visual for debris, damage throughout from feedring and up. Also performed visual for j-nozzle erosion with video probe close to tee and UT thickness on tee. Lowest T reading is .470" to the left side of center.

REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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## RESIDUAL HEAT REMOVAL TO RESID.HEAT REMOVAL PUMP A

**4-063**

4-063		ASME	STATUS		N I O					
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM	METHOD	DATA SHEET #	R S G	E E H	REMARKS		
		CATEGORY							ITEM NO	E I O
NUMBER	IDENTIFICATION					C	G	M	R	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-574-S SH. 1)										
208560	4-ACH-178	F-A	C	VT-3	4.3-025	X	-	-	-	4/20/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.20								Recordable Indications.
	RESTRAINT									

## RESIDUAL HEAT REMOVAL TO RESID.HEAT REMOVAL PUMP B

**4-064**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

★★CALIBRATION BLOCK★★

(REF. DWG. NO. 5614-P-503-S SH. 1)

211800	14"-RHR-2403-1	C-F-1	C PT	3.3-003	X - - -	4/8/05 - PT Complete. No
	TEE TO TEE	C5.11	UT	5.4-002	- - - -	recordable indications.
			45S5.0CIR		X - - -	4/8/05 - UT Complete. No
			60S5.0AX		X - - -	recordable indications.
			70S2.25AX		X - - -	recordable indications.
						**UT-33**

211900	14"-RHR-2403-2	C-F-1	C PT	3.3-003	X - - -	4/8/05 - PT Complete. No
	TEE TO PIPE	C5.11	UT	5.4-002	- - - -	recordable indications.
			45S5.0CIR		X - - -	4/8/05 - UT Complete. Root
			60S5.0AX		- - X -	geometry recorded. **UT-33**
			70S2.25AX		X - - -	

212100	14"-RHR-2403-4	C-F-1	C PT	3.3-004	X - - -	4/8/05 - PT Complete. No
	ELBOW TO VALVE 4-752B	C5.11	UT	5.4-002	- - - -	recordable indications.
			45S5.0CIR		X - - -	4/8/05 - UT Complete. No
			60S5.0AX		X - - -	recordable indications.
			70S2.25AX		X - - -	**UT-33**



### RESIDUAL HEAT REMOVAL INSIDE & OUTSIDE CONTAINMENT

4-069	ASME		STATUS		NON DESTRUCTIVE				REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM						
NUMBER	IDENTIFICATION	CATEGORY	METHOD	DATA SHEET #	C	I	G	M	**CALIBRATION BLOCK**
		ITEM NO							
(REF. DWG. NO. 5614-P-505-S SH. 4)									
220000	12"-RHR-2402-11U		C PT	3.3-001	X	-	-	-	4/8/05 - PT Complete. No
	LONGITUDINAL SEAM WELD		UT	5.4-001	-	-	-	-	recordable indications.
	UPSTREAM		45S2.25AX		X	-	-	-	4/8/05 - UT Complete. No
			45S2.25CIR		X	-	-	-	recordable indications
			60S2.25AX		X	-	-	-	**UT-35**
-----									
220100	12"-RHR-2402-1	C-F-1	C PT	3.2-001	X	-	-	-	4/8/05 - PT Complete. No
	REDUCER TO PIPE	C5.11	UT	5.4-001	-	-	-	-	recordable indications.
			45S2.25AX		X	-	-	-	4/8/05 - UT Complete. Root
			45S2.25CIR		X	-	-	-	geometry recorded. **UT-35**
			60S2.25AX		-	-	X	-	
			70S2.25AX		X	-	-	-	
-----									
220120	12"-RHR-2402-11D		C PT	3.3-001	X	-	-	-	4/8/05 - PT Complete. No
	LONGITUDINAL SEAM WELD		UT	5.4-001	-	-	-	-	recordable indications.
	DOWNSTREAM		45S2.25AX		X	-	-	-	4/8/05 - UT Complete. No
			45S2.25CIR		X	-	-	-	recordable indications.
			60S2.25AX		X	-	-	-	**UT-35**
-----									
220240	SR-644	F-A	C VT-3	4.3-003	X	-	-	-	4/8/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.20							Recordable Indications.
	RESTRAINT								
-----									
(REF. DWG. NO. 5614-P-505-S SH. 3)									
221480	12"-RHR-2402-15LU		C PT	3.3-002	X	-	-	-	4/8/05 - PT Complete. No
	LONGITUDINAL SEAM WELD		UT	5.4-001	-	-	-	-	recordable indications.
	UPSTREAM		45S2.25AX		X	-	-	-	4/8/05 - UT Complete. No
			45S2.25CIR		X	-	-	-	recordable indications.
			60S2.25AX		X	-	-	-	**UT-35**

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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RESIDUAL HEAT REMOVAL INSIDE & OUTSIDE CONTAINMENT

4-069		ASME	STATUS			N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI		EXAM		O	N	G	T
NUMBER	IDENTIFICATION	CATEGORY		METHOD	DATA SHEET #	R	S	E	H
		ITEM NO				E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-P-505-S	SH. 3)							
221500	12"-RHR-2402-15	C-F-1	C PT	3.3-002		X	-	-	4/8/05 - PT Complete. No
	PIPE TO FLANGE	C5.11	UT	5.4-001		-	-	-	recordable indications.
			45S2.25AX			X	-	-	4/8/05 - UT Complete. Root
			45S2.25CIR			X	-	-	geometry recorded. **UT-35**
			60S2.25AX			-	-	X	
			70S2.25AX			-	-	X	

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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### RESIDUAL HEAT REMOVAL SYSTEM INSIDE CONTAINMENT

**4-084**

ASME

-STATUS

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

REMARKS

★★CALIBRATION BLOCK★★

(REF. DWG. NO. 5614-P-509-S SH. 4)

234240	8073-H-809-05	F-A	C VT-3	4.3-021	- - - X	4/15/05 - VT-3 Complete.
	DOUBLE ACTING	F1.20		4.3-021A	- - - X	Field verified clearances differ from drawing.
	RESTRAINT					Reference restraint drawing 5614-H-509 Sh. 3B R.1. Actual field clearances are 1/64" on channel iron side instead of 1/16", 7/32" on the opposite side instead of 1/16" and 1/8" on top instead of 1/16". 4/29/05 - Additional measurements taken for clearance utilizing feeler gauges for clearance measurements instead of 6" scale. Reference CR 2005-11049.

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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## RESIDUAL HEAT REMOVAL SYSTEM INSIDE CONTAINMENT

**4-089**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

## EXAM METHOD

DATA SHEET #

N O R E C	I N S I G	G E O M	O T H E R
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
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23	23	23	23
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REMARKS

★★CALIBRATION BLOCK★★

(REF. DWG. NO. 5614-P-509-S SH. 1)

238950 CONT. PENETRATION P-11 F-A C VT-3 4.3-034 X - - - 4/22/05 - VT-3 Complete. No  
ANCHOR F1.20 Recordable Indications.

238960 CONT. PENETRATION P-11 C-C C PT 3.3-010 X - - - 4/26/05 - PT Complete. No  
INTEGRAL ATTACHMENT C3.20 recordable indications

239200	8"-SI-2407-1	C-F-1	C PT	3.3-009	X - - -	4/22/05 - PT Complete. No
	PIPE TO ELBOW	C5.11	UT	5.4-009	- - - -	recordable indications.
			45S2.25AX		X - - -	4/22/05 - UT Complete. Root
			45S2.25CIR		X - - -	geometry recorded. **UT-41**
			60S2.25AX		- - X -	

239400	8"-SI-2407-2	C-F-1	C PT	3.3-009	X - - -	4/22/05 - PT Complete. No
	ELBOW TO PIPE	C5.11	UT	5.4-009	- - - -	recordable indications.
			45S2.25AX		X - - -	4/22/05 - UT Complete. Root
			45S2.25CIR		X - - -	geometry recorded. **UT-41**
			60S2.25AX		- - X -	

240100	4-SIH-74	F-A	C VT-3	4.3-013	X - - -	4/14/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.20				Recordable Indications.
	RESTRAINT					

240120	4-SIH-74 IA	C-C	C PT	3.3-012	X - - -	4/26/05 - PT Complete. No recordable indications. Light pink indications are held at toe due to undercut.
	INTEGRAL ATTACHMENT	C3.20				

## HIGH HEAD SAFETY INJECTION OUTSIDE CONTAINMENT

**4-097**

4-097		ASME	STATUS		N O R E C I N S E I O G T H E				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-572-S SH. 4)									
257068	4"-SI-2401-35 PIPE TO ELBOW	C-F-1 C5.21	C PT UT 45S5.0AX 45S5.0CIR 60S5.0AX 70S5.0AX	3.3-006 5.4-004	X - X X X X	- - - - - -	- - - - - -	- - - - - -	4/15/05 - PT Complete. No recordable indications. 4/15/05 - UT Complete. No recordable indications. recordable indications. **UT-48 / PSL-61**
-----									
257072	4"-SI-2401-36 ELBOW TO PIPE	C-F-1 C5.21	C PT UT 45S5.0AX 45S5.0CIR 60S5.0AX 70S5.0AX	3.3-006 5.4-004	X - X X X X	- - - - - -	- - - - - -	- - - - - -	4/15/05 - PT Complete. No recordable indications. 4/15/05 - UT Complete. No recordable indications. recordable indications. **UT-48 / PSL-61**
-----									
(REF. DWG. NO. 5614-P-572-S SH. 2)									
257276	3"-SI-2402-8 PIPE TO ELBOW	C-F-1 C5.21	C PT UT 45S5.0AX 45S5.0CIR 60S5.0AX 70S5.0AX	3.3-005 5.4-003	X - X X X X	- - - - - -	- - - - - -	- - - - - -	4/15/05 - PT Complete. No recordable indications. 4/15/05 - UT Complete. No recordable indications. recordable indications. **UT-47**
-----									
257280	3"-SI-2402-9 ELBOW TO PIPE	C-F-1 C5.21	C PT UT 45S5.0AX 45S5.0CIR 60S5.0AX 70S5.0AX	3.3-005 5.4-003	X - X X X X	- - - - - -	- - - - - -	- - - - - -	4/15/05 - PT Complete. No recordable indications. 4/15/05 - UT Complete. No recordable indications. recordable indications. **UT-47**

## HIGH HEAD SAFETY INJECTION OUTSIDE CONTAINMENT

**4-097**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

-STATUS

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

REMARKS

\*\*CALIBRATION BLOCK\*\*

(REF. DWG. NO. 5614-P-572-S SH. 2)

257292	C	F-A	C VT-3	4.3-023	X - - - 4/15/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.20			Recordable Indications.
	RESTRAINT				

257304	4"-SI-2402-1	C-F-1	C PT	3.3-005	X - - -	4/15/05 - PT Complete.	No
	REDUCER TO TEE	C5.21	UT	5.4-005	- - -	recordable indications.	
			45S5.0AX		X - - -	4/18/05 - UT Complete.	No
			45S5.0CIR		X - - -	recordable indications.	
			60S5.0AX		X - - -	**UT-48 (PSL-61)**	
			70S2.25AX		X - - -		

257328	4"-SI-2402-6	C-F-1	C PT	3.3-005	X - - -	4/15/05 - PT Complete. No
	TEE TO PIPE	C5.21	UT	5.4-005	- - -	recordable indications.
			45S5.0AX		- - X -	4/18/05 - UT Complete. Root
			45S5.0CIR		X - - -	geometry recorded. **UT-48
			60S5.0AX		X - - -	(PSL-61)**
			70S2.25AX		- - X -	

257344	4"-SI-2402-9	C-F-1	C PT	3.3-005	X	-	-	-	4/15/05 - PT Complete.	No
	TEE TO PIPE	C5.21	UT	5.4-005	-	-	-	-	recordable indications.	
			45S5.0AX		X	-	-	-	4/18/05 - UT Complete.	No
			45S5.0CIR		X	-	-	-	recordable indications.	
			60S5.0AX		X	-	-	-	recordable indications.	
			70S2.25AX		X	-	-	-	**UT-48 (PSL-61)**	

(REF. DWG. NO. 5610-P-246 SH.1)

257384	2"-SI-2402-4	C-F-1	C PT	3.3-007	X - - -	4/15/05 - PT Complete. No
	PIPE TO ELBOW	C5.30				recordable indications

(REF. DWG. NO. 5610-P-246)

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## HIGH HEAD SAFETY INJECTION OUTSIDE CONTAINMENT

4-097

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**-STATUS**

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5610-P-246)

257388	2"-SI-2402-5	C-F-1	C PT	3.3-007	X - - -	4/15/05 - PT Complete. No
	ELBOW TO PIPE	C5.30				recordable indications

(REF. DWG. NO. 5614-P-572-S SH. 2)

257436	2"-SI-2403-8	C-F-1	C PT	3.3-005	X - - -	4/15/05 - PT Complete. No
	PIPE TO ELBOW	C5.30				recordable indications

257440	2"-SI-2403-9	C-F-1	C PT	3.3-005	X - - -	4/15/05 - PT Complete. No recordable indications
	ELBOW TO PIPE	C5.30				

(REF. DWG. NO. 5614-P-572-S SH. 1)

257516	4-SIR-53	F-A	C VT-3	4.3-022	X - - -	4/16/05 - VT-3 Complete. No Recordable Indications.
	DOUBLE ACTING RESTRAINT	F1.20				

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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**STEAM GENERATOR A BLOWDOWN INSIDE CONTAINMENT**

**4-105**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**STATUS**

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

(REF. DWG. NO. 5614-P-790-S SH. 2)

268700	6"-BDA-2401-2	C-F-2	C MT	2.2-006	X	-	-	-	4/26/05 - MT Complete. No
	VALVE SGB-4-001 TO	C5.51	UT	5.2-004	-	-	-	-	recordable indications.
	PIPE		45S2.25AX		X	-	-	-	4/26/05 - UT Complete. Root
			45S2.25CIR		X	-	-	-	geometry recorded. **UT-22**
			60S2.25AX		-	-	X	-	
			70S2.25AX		-	-	X	-	

269100	6"-BDA-2401-6	C-F-2	C MT	2.2-006	X - - -	4/26/05 - MT Complete. No
	REDUCER TO VALVE	C5.51	UT	5.2-004	- - -	recordable indications.
	SGB-4-002		45S2.25AX		- - X -	4/26/05 - UT Complete. Root
			45S2.25CIR		X - - -	geometry recorded. **UT-22**
			60S2.25AX		- - X -	
			70S2.25AX		X - - -	

269400	6"-BDA-2401-9	C-F-2	C MT	2.2-006	X - - -	4/26/05 - MT Complete. No
	ELBOW TO PIPE	C5.51	UT	5.2-004	- - - -	recordable indications.
			45S2.25AX		X - - -	4/26/05 - UT Complete. Root
			45S2.25CIR		X - - -	geometry recorded. **UT-22**
			60S2.25AX		- - X -	
			70S2.25AX		- - X -	

270000	6"-BDA-2401-15	C-F-2	C MT	2.2-006	X - - -	4/26/05 - MT Complete. No
	PIPE TO ELBOW	C5.51	UT	5.2-004	- - - -	recordable indications.
			45S2.25AX		X - - -	4/26/05 - UT Complete. Root
			45S2.25CIR		X - - -	and counterbore geometry
			70S2.25AX		- - X -	recorded. **UT-22**
			60S2.25AX		- - X -	



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**TURKEY POINT - UNIT 4**  
**INSERVICE INSPECTION RESULTS SUMMARY**  
**INTERVAL 4, PERIOD 1, OUTAGE 1 (05)**  
**CLASS 2 CPBEAR COMPONENTS**

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### MAIN FEEDWATER SYSTEM LOOP A

4-111

4-111		ASME	STATUS		N O I O R N G T E S E H C I O E				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #	C	G	M	R	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-557-S SH. 1)									
281670	4-FWH-15 SPRING HANGER	F-A F1.20	C VT-3	4.3-037	X	-	-	-	4/25/05 - VT-3 Complete. No Recordable Indications.
-----									
282700	14"-FWA-2401-21 ELBOW TO PIPE	C-F-2 C5.51	C MT UT 45S2.25CIR 70S2.25AX	2.2-003 5.2-003	X	-	-	-	4/20/05 - MT Complete. No recordable indications 4/21/05 - UT Complete. Backing Ring recorded **UT-20**
-----									
282900	14"-FWA-2401-3A ELBOW TO PIPE	C-F-2 C5.51	C MT UT 45S2.25AX 45S2.25CIR 60S2.25AX 70S2.25AX	2.2-003 5.2-001	X	-	-	-	4/20/05 - MT Complete. No recordable indications. 4/21/05 - UT Complete. Root geometry seen 360 degree intermittent **UT-20**
-----									
284460	Augmented Exam FROM NOZZLE RAMP TO 1 PIPE DIA. ON ELBOW	AUG	A UT 60S2.25AX 60S5.0AX 70S2.25AX 70S5.0AX	5.16-001	-	-	-	-	04/21/05 - UT Complete. Root and counterbore geometry recorded. **UT-20, UT-29**

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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MAIN FEEDWATER SYSTEM LOOP B

4-112

4-112

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S E I G	G E O M E T	T H E R E	REMARKS  **CALIBRATION BLOCK**
		SEC. XI CATEGORY ITEM NO							
(REF. DWG. NO. 5614-P-558-S SH. 1)									
286400	14"-FWB-2402-14  PIPE TO ELBOW	C-F-2  C5.51	C MT	2.2-004	X	-	-	-	4/21/05 - MT Complete. No
			UT	5.2-002	-	-	-	-	recordable indications
			45S2.25AX		X	-	-	-	4/22/05 & 4/25/05 - UT
			45S2.25CIR		X	-	-	-	Complete. No Recordable
			60S2.25AX		X	-	-	-	Indications. **UT-20**
			70S2.25AX		X	-	-	-	

286980	Augmented Exam FROM NOZZLE RAMP TO 1 PIPE DIA. ON ELBOW	AUG	A UT	5.16-002	-	-	-	-	4/22/05 - UT Complete. Root
			60S2.25AX		-	-	X	-	and backing ring geometry
			60S5.0AX		-	-	X	-	recorded. **UT-20, UT-29**
			70S2.25AX		-	-	X	-	
			70S5.0AX		-	-	X	-	

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TURKEY POINT - UNIT 4

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## INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 4, PERIOD 1, OUTAGE 1 (05)

CLASS 2 CPBEAR COMPONENTS

## MAIN FEEDWATER SYSTEM LOOP C

4-113

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N I O O N G T R S E H E I O E C G M R				REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-789-S SH. 1)									
288150	CONT. PENETRATION ANCHOR	F-A F1.20	A VT-3	4.3-029	X	-	-	-	4/21/05 - VT-3 Complete. No Recordable Indications.
-----									
289650	Augmented Exam FROM NOZZLE RAMP TO 1 DIA. ON ELBOW	AUG	A UT 60S2.25AX 60S5.0AX 70S2.25AX 70S5.0AX	5.16-003	-	-	-	-	4/19/05 - UT Complete. Root geometry recorded. **UT-20, UT-29**
-----									

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TURKEY POINT - UNIT 4

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## INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 4, PERIOD 1, OUTAGE 1 (05)

CLASS 2 CPBEAR COMPONENTS

## MAIN FEEDWATER BYPASS LOOP A

4-114

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G M	O T H E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-770-S SH. 3)								
290100	7884-R-014-01 DOUBLE ACTING RESTRAINT	F-A F1.20	C VT-3	4.3-001	-	-	- X	4/12/05 - VT-3 Complete. Field verified clearances differ from drawing. Reference restraint drawing 5614-H-770 Sh. 42B R.1. Actual field clearances are 0" on wall side instead of 1/16" and 5/16" on the opposite side instead of 1/16". Engineering Disposition - Accept As-is. Reference CR 2005-10658.

DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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MAIN FEEDWATER BYPASS LOOP C

4-116

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C G M R	I N S E I O E	O T H E R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-770-S SH. 1)								
291600	7884-R-014-03 DOUBLE ACTING RESTRAINT	F-A F1.20	C VT-3	4.3-008	X	-	-	4/12/05 - VT-3 Complete. No Recordable Indications.

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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 2 CPBEAR COMPONENTS

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RESIDUAL HEAT EXCHANGER A

4-117

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G	G E O M	O T H E R	REMARKS  **CALIBRATION BLOCK**

(REF. DWG. NO. 5614-M-4010)

292400	4-RHE-A1 HEAD TO SHELL	C-A C1.20	C UT 45S2.25AX 45S2.25CIR 60S2.25AX 70S2.25AX 60L2.00AX	5.24-001	-	-	-	-	4/8/05 - UT Complete. No recordable indications. Scan is limited. **UT-55**
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292500	4-RHE-A2 SHELL TO FLANGE	C-A C1.10	C UT 45S2.25AX 45S2.25CIR 60S2.25AX 70S2.25AX 60L2.00AX	5.24-001	-	-	-	-	4/8/05 - UT Complete. Baffle plate geometry recorded. **UT-55**
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292800	4-RHE-SPA-1 SUPPORT HEAT EXCHANGER LOWER SUPPORT	F-A F1.40	C VT-3	4.3-005	X	-	-	-	4/8/05 - VT-3 Complete. No Recordable Indications. Existing condition - the hole sizes are different at the interface of the exchanger to structural support. This results in only a 3 point contact of the nut at the top holes. No washers were installed.
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292950	4-RHE-SPA-2 SUPPORT HEAT EXCHANGER LOWER SUPPORT	F-A F1.40	C VT-3	4.3-004	-	-	-	-	4/8/05 - VT-3 Complete. No Recordable Indications. Existing condition - the hole sizes are different at the interface of the exchanger to structural support. This results in only a 3 point contact of the nut at the top holes. No washers were installed.
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DATE: 06/27/05  
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TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

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COMPONENT COOLING WATER INSIDE CONTAINMENT

4-120		ASME	STATUS									
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI		EXAM METHOD	DATA SHEET #	N	I	O	REMARKS			
		CATEGORY				O	N	G				
		ITEM NO				R	S	E				
						E	I	O				
						C	G	M	R			
**CALIBRATION BLOCK**												
(REF. DWG. NO. 5614-P-536-S SH. 1)												
293800	4-ACH-150	F-A	C VT-3	4.3-006	X	-	-	-	4/11/05 - VT-3 Complete. No			
	WELDED STANCHION	F1.30							Recordable Indications.			

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**DATE: 06/27/05**

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**TURKEY POINT - UNIT 4**  
**INSERVICE INSPECTION RESULTS SUMMARY**  
**INTERVAL 4, PERIOD 1, OUTAGE 1 (05)**  
**CLASS 3 CPBEAR COMPONENTS**

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### COMPONENT COOLING WATER SYSTEM TO CCW PUMP C

**4-122**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**STATUS**

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

REMARKS

★★CALIBRATION BLOCK★★

(REF. DWG. NO. 5614-P-518-S SH. 9)

295550	CCW PUMP 4P211C	F-A	C VT-3	4.3-036	X - - -	4/22/05 - VT-3 Complete. No Recordable Indications. CR 2005-12364 was written to identify coatings damage on the support.
	PUMP SUPPORT	F1.40				



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TURKEY POINT - UNIT 4

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## INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 4, PERIOD 1, OUTAGE 1 (05)

CLASS 3 CPBEAR COMPONENTS

## COMPONENT COOLING WATER FROM NON-REGENERATIVE HX

4-125

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N I O O N G T R S E H E I O E C G M R				REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-528-S SH. 2)									
296700	4-ACH-216 SINGLE ACTING RESTRAINT	F-A F1.30	C VT-3	4.3-020	X	-	-	-	4/13/05 - VT-3 Complete. No recordable Indications.

296750	4-ACH-216 IA INTEGRAL ATTACHMENT	D-A D1.20	C VT-1	4.1-004	X	-	-	-	4/13/05 - VT-1 Complete. No recordable indications
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TURKEY POINT - UNIT 4

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INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

COMPONENT COOLING WATER FROM RHR HEAT EXCHANGER A

4-126

4-126		ASME	STATUS		N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM	METHOD	NO	IN	GT	REMARKS
		CATEGORY			RS	SE	HE	
		ITEM NO			EIOE			
NUMBER	IDENTIFICATION				DATA SHEET #	CG	MR	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-518-S SH. 4)								
297900	4-CCH-19	F-A	C VT-3	4.3-031	X	-	-	4/23/05 - VT-3 Complete. No
	SINGLE ACTING	F1.30						Recordable Indications.
	RESTRAINT							

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

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COMPONENT COOLING WATER SYSTEM OUTSIDE CONTAINMENT

4-127		ASME	STATUS		N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM		O	N	G	T
NUMBER	IDENTIFICATION	CATEGORY	METHOD	DATA SHEET #	R	S	E	H
		ITEM NO			E	I	O	E
					C	G	M	R
								REMARKS
								**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-P-518-S	SH. 6)						
298300	4-ACH-64	F-A	C VT-3	4.3-033	X	-	-	-
	DOUBLE ACTING	F1.30						4/23/05 - VT-3 Complete. No
	RESTRAINT							Recordable Indications.
								Clearances are acceptable
								per STD-C-011 Rev.3
298350	4-ACH-64 IA	D-A	C VT-1	4.1-012	X	-	-	-
	INTEGRAL ATTACHMENT	D1.20						4/23/05 - VT-1 Complete. No
								recordable indications

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

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COMPONENT COOLING WATER SYSTEM OUTSIDE CONTAINMENT

4-129		ASME	STATUS	N I O				REMARKS
SUMMARY	EXAMINATION AREA	SEC. XI		R	S	E	H	
NUMBER	IDENTIFICATION	CATEGORY	EXAM	E	I	O	E	
		ITEM NO	METHOD	DATA SHEET #	C	G	M	**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-526-S SH. 5)								
299400	4-ACH-51	F-A	C VT-3	4.3-035	X	-	-	4/23/05 - VT-3 Complete. No
	SINGLE ACTING	F1.30						Recordable Indications.
	RESTRAINT							

-----

REVISION: 4

**TURKEY POINT - UNIT 4**  
**INSERVICE INSPECTION RESULTS SUMMARY**  
**INTERVAL 4, PERIOD 1, OUTAGE 1 (05)**  
**CLASS 3 CPBEAR COMPONENTS**

**PAGE: 67**

COMPONENT COOLING WATER TO NORMAL CONT.COOLERS A&B

4-130

4-130		ASME		STATUS		N O R E C I N S E I O M T H E				REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #						**CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-539-S SH. 3)										
299800	4-CCH-52 DOUBLE ACTING RESTRAINT	F-A F1.30	C VT-3	4.3-024	X	-	-	-		4/15/05 - VT-3 Complete. No Recordable Indications.
-----										
299850	4-CCH-52 IA INTEGRAL ATTACHMENT	D-A D1.20	C VT-1	4.1-006	X	-	-	-		4/15/05 - VT-1 Complete. No recordable indications
-----										
(REF. DWG. NO. 5614-P-539-S SH. 1)										
300160	NORMAL CTMT COOLER COOLER SUPPORT	F-A F1.40	C VT-3	4.3-017 4.3-028	- X	- -	- -	X -		4/14/05 - VT-3 Complete. Loose nut/bolt assembly was observed. Spins in place. Engineering disposition: Tighten nut/bolt assembly and re-examine. 4/21/05 - VT-3 Complete. Re-examination after corrective action per CR 2005-10979

DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

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COMPONENT COOLING WATER TO NORMAL CONT.COOLERS C&D

4-142		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
									REMARKS
									**CALIBRATION BLOCK**
	(REF. DWG. NO. 5614-P-539-S	SH. 2)							
308100	4-CCH-67	F-A	C VT-3	4.3-018		X	-	-	4/13/05 - VT-3 Complete. No
	DOUBLE ACTING	F1.30							recordable Indications.
	RESTRAINT								

-----

DATE: 06/27/05

REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

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COMPONENT COOLING WATER FROM EMERGENCY CONT.COOL.A

4-148

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G	O N G T H E O E M R	REMARKS **CALIBRATION BLOCK**
(REF. DWG. NO. 5614-P-532-S SH. 1)								
311900	4-CCH-41 DOUBLE ACTING RESTRAINT	F-A F1.30	C VT-3	4.3-019	X	-	-	4/13/05 - VT-3 Complete. No recordable Indications.

**DATE: 06/27/05**

4

**TURKEY POINT - UNIT 4**  
**INSERVICE INSPECTION RESULTS SUMMARY**  
**INTERVAL 4, PERIOD 1, OUTAGE 1 (05)**  
**CLASS 3 CPBEAR COMPONENTS**

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# AUXILIARY FEEDWATER SYSTEM PUMP DISCHARGE

**4-161**

ASME  
SEC. XI  
CATEGORY  
ITEM NO

**STATUS**

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

REMARKS

**\*\*CALIBRATION BLOCK\*\***

**SUMMARY  
NUMBER**

**EXAMINATION AREA  
IDENTIFICATION**

CATEGORY	ITEM NO	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	1	...	...	...	...	...
2	2	...	...	...	...	...
3	3	...	...	...	...	...
4	4	...	...	...	...	...
5	5	...	...	...	...	...
6	6	...	...	...	...	...
7	7	...	...	...	...	...
8	8	...	...	...	...	...
9	9	...	...	...	...	...
10	10	...	...	...	...	...
11	11	...	...	...	...	...
12	12	...	...	...	...	...
13	13	...	...	...	...	...
14	14	...	...	...	...	...
15	15	...	...	...	...	...
16	16	...	...	...	...	...
17	17	...	...	...	...	...
18	18	...	...	...	...	...
19	19	...	...	...	...	...
20	20	...	...	...	...	...
21	21	...	...	...	...	...
22	22	...	...	...	...	...
23	23	...	...	...	...	...
24	24	...	...	...	...	...
25	25	...	...	...	...	...
26	26	...	...	...	...	...
27	27	...	...	...	...	...
28	28	...	...	...	...	...
29	29	...	...	...	...	...
30	30	...	...	...	...	...
31	31	...	...	...	...	...
32	32	...	...	...	...	...
33	33	...	...	...	...	...
34	34	...	...	...	...	...
35	35	...	...	...	...	...
36	36	...	...	...	...	...
37	37	...	...	...	...	...
38	38	...	...	...	...	...
39	39	...	...	...	...	...
40	40	...	...	...	...	...
41	41	...	...	...	...	...
42	42	...	...	...	...	...
43	43	...	...	...	...	...
44	44	...	...	...	...	...
45	45	...	...	...	...	...
46	46	...	...	...	...	...
47	47	...	...	...	...	...
48	48	...	...	...	...	...
49	49	...	...	...	...	...
50	50	...	...	...	...	...
51	51	...	...	...	...	...
52	52	...	...	...	...	...
53	53	...	...	...	...	...
54	54	...	...	...	...	...
55	55	...	...	...	...	...
56	56	...	...	...	...	...
57	57	...	...	...	...	...
58	58	...	...	...	...	...
59	59	...	...	...	...	...
60	60	...	...	...	...	...
61	61	...	...	...	...	...
62	62	...	...	...	...	...
63	63	...	...	...	...	...
64	64	...	...	...	...	...
65	65	...	...	...	...	...
66	66	...	...	...	...	...
67	67	...	...	...	...	...
68	68	...	...	...	...	...
69	69	...	...	...	...	...
70	70	...	...	...	...	...
71	71	...	...	...	...	...
72	72	...	...	...	...	...
73	73	...	...	...	...	...
74	74	...	...	...	...	...
75	75	...	...	...	...	...
76	76	...	...	...	...	...
77						

## EXAM METHOD

**DATA SHEET #**

(REF. DWG. NO. 5614-P-807-S SH. 4)

**323250**

80117-H-324-11  
DOUBLE ACTING  
RESTRAINT

**F-A**  
**F1.30**

**C VT-3**

**4.3-009**

**X - - -**

4/12/05 - VT-3 Complete. No  
Recordable Indications.

**323275**

80117-H-324-11 IA  
INTEGRAL ATTACHMENT

**D-A**  
**D1.20**

**C VT-1**

**4.1-002**

**X - - -**

4/12/05 - VT-1 Complete. No  
recordable indications

**323450**

80117-H-324-13  
SINGLE AND DOUBLE  
ACTING RESTRAINT

**F-A**  
**F1.30**

**C VT-3**

4.3-002  
4.3-002A

- - - X

4/12/05 - VT-3 Complete.  
Field verified clearances differ from drawing.  
Reference restraint drawing 5614-H-807 Sh. 49B R.O.  
Actual field clearances are 0" on East, 7/8" on the top, 3/8" on the West, and 3/32" on the bottom. 3/4" rod is rubbing on L-beam causing measurable wear. 1/16" metal loss on rod and 1/32" metal loss on L-beam.  
Engineering Disposition - Accept As-is. Reference CR 2005-10665.  
4/28/05 - Additional measurements taken for clearances utilizing filler gauges for clearance measurements instead of 1/16" scale.



DATE: 06/27/05  
REVISION: 4

TURKEY POINT - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 4, PERIOD 1, OUTAGE 1 (05)  
CLASS 3 CPBEAR COMPONENTS

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INTAKE & CHLOR.WATER FROM INTAKE COOLING WTR.PUMPS

4-165		ASME	STATUS			N	I	O	
SUMMARY	EXAMINATION AREA	SEC. XI	EXAM METHOD	DATA SHEET #		O	N	G	T
NUMBER	IDENTIFICATION	CATEGORY							
REMARKS									
**CALIBRATION BLOCK**									
(REF. DWG. NO. 5614-P-507-S SH. 1)									
328500	2	F-A	C VT-3	4.3-010		X	-	-	-
	SINGLE ACTING	F1.30							
	RESTRAINT								
4/13/05 - VT-3 Complete. No Recordable Indications.									

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Summary of Inservice Inspection IWE Examinations**

**Attachment 3**

**DATE: 08/15/05**

REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS

**PAGE: 1**

**METALLIC CONTAINMENT LINER**

**4-001**

SUMMARY		ASME	STATUS		N I O O R S G T E I O H C G M R				REMARKS
NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
14 TO 74 DEGREES AT 14' TO 39'6" (REF. DWG. NO. )									
410000	CONTAINMENT LINER	E-A	B VT-3	4.7-016	X	-	-	-	4/25/05 - Pre- repair
	LINER PLATE-GENERAL	E1.11	VT-3	4.7-027	X	-	-	-	inspection per CR 03-3523,
	VISUAL		VT-3	4.7-028	X	-	-	-	WO 34003355-01
			VT-3	4.7-045	X	-	-	-	5/6/05 - Intermediate inspection
									5/13/05-Partial inspection of coating
									5/23/05-Final inspection
-----									
410150	PENETRATION #15	E-A	B VT-3	4.7-016	-	-	-	X	4/25/05 - Pre- repair
	CHARGING TO REGEN HX	E1.11	VT-3	4.7-027	X	-	-	-	inspection per CR 03-3523,
	TYPEI DETAIL3		VT-3	4.7-028	X	-	-	-	WO 34003355-01
									5/6/05 - Intermediate inspection
									5/13/05-Final inspection
-----									
410930	MOISTURE BARRIER	E-D	B VT-3	4.7-001	-	-	-	X	4/11/05- Pre-repair
	LINER PLATE TO FLOOR	E5.30	VT-3	4.7-032	X	-	-	-	inspection per
	(MOISTURE BARRIER)		VT-3	4.7-033	-	-	-	X	CR2004-12917,WO#34019930-01
			VT-3	4.7-036	-	-	-	X	5/17/05- Inspection after
			VT-3	4.7-037	X	-	-	-	sealant removal (partial)
			VT-3	4.7-038	X	-	-	-	5/18/05- Inspection after
			VT-3	4.7-041	X	-	-	-	cleaning
									5/18/05- Inspection after
									sealant removal (partial)
									5/19/05- Inspection after
									cleaning (partial)
									5/20/05- Final Inspection
									5/23/05- Final Moisture
									Barrier Walkdown (100%)

**REVISION: 4**

**FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS**

**PAGE: 2**

**METALLIC CONTAINMENT LINER**

**4-002**

4-002		ASME	STATUS			N	I	O	
		SEC. XI				O	N	G	T
SUMMARY	EXAMINATION AREA	CATEGORY	EXAM			R	S	E	H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	DATA SHEET #		E	I	O	E
						C	G	M	R
**CALIBRATION BLOCK**									
74 TO 134 DEGREES AT 14' TO 39'6" (REF. DWG. NO. )									
411020	MOISTURE BARRIER	E-D	B VT-3	4.7-002	-	-	-	X	4/11/05- Pre-rpair
	LINER PLATE TO FLOOR	E5.30	VT-3	4.7-009	-	-	-	X	inspection per CR
	(MOISTURE BARRIER)		VT-3	4.7-012	X	-	-	-	2004-12917, WO#34019930-01
			VT-3	4.7-014	X	-	-	-	4/14/05- Intermediate
			VT-3	4.7-034	X	-	-	-	inspection after sealant
			VT-3	4.7-039	X	-	-	-	removal (partial)
			VT-3	4.7-040	X	-	-	-	4/19/05- Intermediate
			VT-3	4.7-041	X	-	-	-	inspection after cleaning
									(partial)
									4/22/05- Final inspection
									(partial)
									5/18/05- Intermediate
									inspection after sealant
									removal (partial)
									5/18/05- Intermediate
									inspection after cleaning
									(partial)
									5/20/05- Final inspection
									(partial)
									5/23/05- Final Moisture
									Barrier Walkdown (100%)



**DATE: 08/15/05**

REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS

**PAGE: 4**

**METALLIC CONTAINMENT LINER**

**4-004**

SUMMARY		ASME	STATUS		N I O O N G T R S E H E I O E C G M R			REMARKS
NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #				**CALIBRATION BLOCK**
194 TO 254 DEGREES AT 14' TO 39'6" (REF. DWG. NO. )								
411300	MOISTURE BARRIER	E-D	B VT-3	4.7-004	-	-	-	X 4/11/05- Pre-repair
	LINER PLATE TO FLOOR	E5.30	VT-3	4.7-011	-	-	-	X inspection per
	(MOISTURE BARRIER)		VT-3	4.7-020	X	-	-	- CR-2004-12917,
			VT-3	4.7-023	X	-	-	- WO#34019930-01
			VT-3	4.7-041	X	-	-	- 4/16/05- Intermediate
								inspection after sealant
								removal
								4/26/05- Intermediate
								inspection after cleaning
								5/2/05- Final inspection
								5/23/05- Final Moisture
								Barrier Walkdown (100%)

DATE: 08/15/05  
REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS

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**METALLIC CONTAINMENT LINER**

**4-005**

SUMMARY		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
254 TO 314 DEGREES AT 14' TO 39'6" (REF. DWG. NO. )									
411440	MOISTURE BARRIER	E-D	B VT-3	4.7-005	-	-	-	X	4/11/05- Pre-repair
	LINER PLATE TO FLOOR	E5.30	VT-3	4.7-021	X	-	-	-	inspection per
	(MOISTURE BARRIER)		VT-3	4.7-022	X	-	-	-	CR-2004-12917,
			VT-3	4.7-024	X	-	-	-	WO#34019930-01
			VT-3	4.7-041	X	-	-	-	4/26/05- Intermediate inspection after sealant removal
									4/30/05- Intermediate inspection after cleaning
									5/2/05- Final inspection
									5/23/05- Final Moisture Barrier Walkdown (100%)

DATE: 08/15/05  
REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS

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**METALLIC CONTAINMENT LINER**

**4-006**

SUMMARY		ASME	STATUS		N I O O N G T R S E H E I O E C G M R				REMARKS
NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**
314 TO 14 DEGREES AT 14' TO 39'6" (REF. DWG. NO. )									
411580	MOISTURE BARRIER	E-D	B VT-3	4.7-006	-	-	-	X	4/12/05- Pre-repair
	LINER PLATE TO FLOOR	E5.30	VT-3	4.7-025	X	-	-	-	inspection per
	(MOISTURE BARRIER)		VT-3	4.7-029	-	-	-	X	CR-2004-12917,
			VT-3	4.7-030	X	-	-	-	WO#34019930-01
			VT-3	4.7-031	X	-	-	-	5/2/05- Intermediate
			VT-3	4.7-041	X	-	-	-	inspection after sealant removal
									5/13/05- Intermediate inspection after sealant removal
									5/13/05- Intermediate inspection after cleaning
									5/16/05-Final inspection
									5/23/05- Final Moisture Barrier Walkdown (100%)



DATE: 08/15/05

REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4

### INSERVICE INSPECTION RESULTS SUMMARY

INTERVAL 1, PERIOD 2, OUTAGE 3 (05)

## CLASS M CPBEAR COMPONENTS

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## METALLIC CONTAINMENT LINER

**4-015**

ASME

## SEC. XI

**CATEGORY**

ITEM NO

## STATUS

## EXAM

## METHOD

N I O

O N G T  
P S E T

**R E S E A  
R C H**

**C G M R**

REMARKS

**\*\*CALIBRATION BLOCK\*\***

134 TO 194 DEGREES AT 59'6" TO 125'10" (REF. DWG. NO. )

412020	LINER PLATE	E-A	B GEN.	4.7-008	X - - -	4/15/05- Pre-cut-out
	LINER PLATE (GENERAL	E1.11	GEN.	4.7-007	- - - X	inspection.
	VISUAL)		GEN.	4.7-026	X - - -	4/17/05- Post cut-out
			GEN.	4.7-042	X - - -	inspection. Initiated
			GEN.	4.7-043	X - - -	CR-2005-11136
			GEN.	4.7-044	X - - -	5/3/05- Pre-cut-out
			GEN.	4.7-047	X - - -	inspection (expanded area).
						4/23/05- Pre-coating removal
						inspection (hanger area).
						CR-2005-10670 & CR-03-3523
						5/23/05- Post-coating
						removal inspection (hanger
						area).
						5/23/05- Final inspection
						(hanger area).
						5/23/05- Final inspection of
						SGT liner plate cut-out.

DATE: 08/15/05  
REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS

PAGE: 8

METALLIC CONTAINMENT LINER

4-020

4-020

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATEGORY ITEM NO	STATUS EXAM METHOD	DATA SHEET #	N O R E C	I N S I G	G E O M	O T H E R	REMARKS  **CALIBRATION BLOCK**
SOUTH RECIRC SUMP (REF. DWG. NO. 5610-C-150)									
412250	LINER PLATE	E-A	C GEN	4.7-017	-	-	-	X	4/23/05- General Visual
	SOUTH RECIRC SUMP	E4.11	VT-3	4.7-046	X	-	-	-	complete. CR-2005-10670 &
			VT-3	4.7-048	X	-	-	-	CR-03-3523
5/23/05- VT-3 Complete after repair per PCM-05-069. Repaired areas now inaccessible. 5/25/05- Final Inspection after repair per PCM-05-069.									

NORTH RECIRC SUMP (REF. DWG. NO. 5610-C-150)

412260	LINER PLATE	E-A	C GEN	4.7-018	-	-	-	X	4/25/05- General Visual
	NORTH RECIRC SUMP	E1.11	GEN	4.7-019	X	-	-	-	complete. CR-2005-10670 &
			VT-3	4.7-046	X	-	-	-	CR-03-3523
			VT-3	4.7-048	X	-	-	-	4/29/05- Intermediate inspection prior to coating.
									5/23/05- VT-3 Complete after repair per PCM-05-069.
									Repaired areas now inaccessible.
									5/25/05- Final Inspection after repair per PCM-05-069.

RX SUMP LINER PLATE (REF. DWG. NO. 5610-C-150)

412290	LINER PLATE	E-A	C GEN	4.7-049	-	-	-	X	5/25/05- General visual
	RX SUMP AREA	E1.11							complete. Coating Failure in RX Drain Sump.

SOUTH RECIRC SUMP (REF. DWG. NO. 5610-C-150)

DATE: 08/15/05  
REVISION: 4

FPL NUCLEAR PLANTS [IWE] - UNIT 4  
INSERVICE INSPECTION RESULTS SUMMARY  
INTERVAL 1, PERIOD 2, OUTAGE 3 (05)  
CLASS M CPBEAR COMPONENTS

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## METALLIC CONTAINMENT LINER

4-020

4-020		ASME		STATUS		N I O O N G T R S E H E I O E C G M R			REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATEGORY ITEM NO	EXAM METHOD	DATA SHEET #					**CALIBRATION BLOCK**	
SOUTH RECIRC SUMP (REF. DWG. NO. 5610-C-150)										
412300	LINER PLATE SOUTH RECIRC SUMP (AUGMENTED VT-1)	E-C E4.11	A VT-1	4.7-035	-	-	-	X	5/19/05- Visual complete. CR-2005-10670 & CR-03-3523 Note: Repair makes degraded areas inaccessible to future inspections.	
-----										
412310	LINER PLATE SOUTH RECIRC SUMP (AUGMENTED VOL)	E-C E4.12	A VOL.	5.18-002	-	-	-	X	5/19/05- UT Thickness complete. CR-2005-10670 & CR-03-3523 Note: Repair makes degraded areas inaccessible to future inspections.	
-----										
NORTH RECIRC SUMP (REF. DWG. NO. 5610-C-150)										
412320	LINER PLATE NORTH RECIRC SUMP (AUGMENTED VT-1)	E-C E4.11	A VT-1	4.7-035	-	-	-	X	5/19/05- Visual complete. CR-2005-10670 & CR-03-3523 Note: Repair makes degraded areas inaccessible to future inspections.	
-----										
412330	LINER PLATE NORTH RECIRC SUMP (AUGMENTED VOL)	E-C E4.12	A VOL.	5.18-001	-	-	-	X	5/19/05- UT Thickness complete. CR-2005-10670 & CR-03-3523 Note: Repair makes degraded areas inaccessible to future inspections.	

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Summary of Visual Examinations and Functional  
Testing of Snubbers**

**Attachment 4**

**MECHANICAL SHOCK ARRESTOR**  
**FINAL REPORT**

**TURKEY POINT**  
**UNIT 4**  
**2005**  
**CYLCE 22 REFUELING OUTAGE**

Commercial Service Date: December 14, 1972

Prepared by:

Inservice Inspection Group  
Florida Power & Light  
Turkey Point Nuclear  
9760 S.W. 344 St.  
Florida City, FL  
33035

\_\_\_\_\_  
Originated by: Melba Campbell Date 6/21/05  
Melba Campbell

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Reviewed by: Ricky L. Spillman Date 6/21/05  
Ricky Spillman

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Approved by: Chuck Tudor Date 6/23/05  
Chuck Tudor

Mechanical shock arrestors (snubbers) were visually inspected/handstroked and functionally tested under purchase order #00081442 by Basic-PSA personnel in accordance with the following plant procedures:

O-OSP-105.1

O-OSP-105.2

A technical specification visual inspection, ASME Section XI VT-3 and a hand stroking was performed at the following tag locations:

4-1000	4-1001	4-1002	4-1003	4-1004	4-1005
4-1006	4-1008	4-1009	4-1012	4-1013	4-1015
4-1016	4-1017	4-1019	4-1020	4-1021	4-1065
4-1071	4-1086	4-1087	4-1088	4-1089	4-1090
4-1091	4-1092	4-1094	4-1095	4-1096	4-1097
4-1098	4-1099				

A technical specification visual inspection, ASME Section XI VT-3, **NO HAND STROKE**, and a functional test was performed at the following tag locations:

<i>4-1014</i>	<i>4-1018</i>	<i>4-1032</i>	<i>4-1077</i>	<i>4-1082</i>	<i>4-1084</i>
<i>4-1100</i>					
<b>4-1007</b>	<b>4-1010</b>	<b>4-1048</b>	<b>4-1093</b>		
<u>4-1011</u>	<u>4-1022</u>	<u>4-1039</u>			

*Italics indicates SR Sample snubbers*  
**Bold indicates QR Sample snubbers**  
Underline indicates previous rebuilds

A technical specification visual inspection, ASME Section XI VT-3 and a hand stroking was performed at the following tag locations 4-1052,4-1054,4-1055,4-1056,4-1057. Upon completion of the technical specification visual inspection and an ASME Section XI VT-3 snubbers 4-1044,4-1045,4-1051 and 4-1053 were changed out with previously rebuilt and functionally tested snubbers. The removed snubbers were rebuilt and functionally tested and will be utilized as spares for future outages.

4-1044	4-1045	4-1051	4-1052	4-1053	4-1054
4-1055	4-1056	4-1057			

**TURKEY POINT NUCLEAR PLANT  
OUTAGE SUMMARY REPORT  
UNIT 4 C22 OUTAGE REPORT WO #**

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY	
4-1000	182	N/A	4/18/2005	PASS	N/A	N/A	21.750	N/A	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED?	NO
												STATUS	N/A (N/A IF NOT PERFORMED)
												TENSION COMPRESSION CRITERIA	
												TEST 1	
												TEST 2	
												TEST 3	
												TEST 4	
												TEST SAMPLE?	NO SAMPLE CLASS N/A
												DATE REINSTALLED:	
4-1001	18010	13.125	4/18/2005	PASS	N/A	N/A	13.125	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED?	NO
												STATUS	N/A (N/A IF NOT PERFORMED)
												TENSION COMPRESSION CRITERIA	
												TEST 1	
												TEST 2	
												TEST 3	
												TEST 4	
												TEST SAMPLE?	NO SAMPLE CLASS N/A
												DATE REINSTALLED:	

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUM.
4-1002	18016	N/A	4/18/2005	PASS	N/A	N/A	13.062	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1003	18008	N/A	4/18/2005	PASS	N/A	N/A	13.062	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:



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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1004	3168	N/A	4/11/2005	PASS	N/A	N/A	26.875	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1005	1206	N/A	4/11/2005	PASS	N/A	N/A	27.0	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1006	8087	N/A	4/12/2005	PASS	N/A	N/A	26.5	PASS	YES	PASS	Visual Inspection-SAT, "L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1007	6521	N/A	4/11/2005	PASS	04/11/05	PASS	26.75	PASS	NO	N/A	Visual Inspection noted a worn spherical bearing, "L" dimension was SAT. Snubber was removed and transported to the test trailer for functional testing. The as- found functional test was SAT. The spherical bearing was replaced (CR 2005-10417), snubber was re-greased and as left functional test-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261. As-Left Visual Inspection-SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 125.8 192.4 2500.0 TEST 2 158.4 326.1 2500.0 TEST 3 0.003 0.002 .02g's TEST 4 267.9 384.3 2500.0 TEST SAMPLE? YES SAMPLE CLASS QR DATE REINSTALLED: 04/14/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1008	6485	N/A	4/11/2005	PASS	N/A	N/A	27.625	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1009	1203	N/A	4/11/2005	PASS	N/A	N/A	27.25	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1010	1204	N/A	4/12/2005	PASS	041205	PASS	27.187	PASS	NO	PASS	Visual Inspection-SAT, L dimension was SAT. Snubber was removed and transported to the test trailer for functional testing. The functional test was SAT. Snubber was torn down and re-greased. As-left visual-SAT and as-left functional test- SAT. Transition end piece torqued to 150 in lbs. (Torque wrench M321, cal due 7/12/05). Spherical bearings and load pin lubricated with neolube UTC # 449261. Snubber was re-installed.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 274.7 987.9 2500.0 TEST 2 483.6 987.9 2500.0 TEST 3 0.001 0.001 .02g's TEST 4 435.9 448.1 2500.0 TEST SAMPLE? YES SAMPLE CLASS QR DATE REINSTALLED: 04/14/05
4-1011	10573	N/A	4/12/2005	PASS	04/12/05	PASS	27.25	PASS	NO	N/A	Visual Inspection-SAT, "L" Dimension Acceptable, and Functional-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. As-left visual inspection-SAT. This snubber was a previous failure.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 227.7 210.3 2500.0 TEST 2 304.4 353.0 2500.0 TEST 3 0.002 0.002 .02g's TEST 4 639.1 254.8 2500.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/14/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUM
4-1012	184	N/A	4/18/2005	PASS	N/A	N/A	20.187	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1013	17418	N/A	4/18/2005	PASS	N/A	N/A	17.375	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUM.
4-1014	17177	N/A	4/18/2005	PASS	04/18/05	PASS	21.125	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Snubber torqued to transition tube at 35 ft. lbs.(Torque wrench M470, cal due 7/22/05). Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT. Replaced load pin.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 59.5 57.2 750.0 TEST 2 65.5 67.7 750.0 TEST 3 0.002 0.004 0.2g's TEST 4 59.4 43.4 750.0 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/18/05
4-1015	17872	N/A	4/18/2005	PASS	N/A	N/A	19.875	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1016	122	N/A	4/18/2005	PASS	N/A	N/A	20.00	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1017	118	N/A	4/18/2005	PASS	N/A	N/A	20.125	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUM
4-1018	17420	N/A	4/18/2005	PASS	04/18/05	PASS	17.875	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Snubber torqued to transition tube at 120 in. lbs.(Torque wrench B5177, cal due 6/4/05). Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 16.9 17.0 300.0 TEST 2 23.9 17.1 300.0 TEST 3 0.011 0.007 .02g's TEST 4 16.8 23.9 300.0 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/18/05
4-1019	17426	N/A	4/18/2005	PASS	N/A	N/A	16.875	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:



TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1020	27101	N/A	4/16/2005	PASS	N/A	N/A	17.125	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS DATE REINSTALLED:
4-1021	19723	N/A	4/16/2005	PASS	N/A	N/A	17.125	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1022	21381	N/A	4/15/2005	PASS	041505	PASS	16.312	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Snubber torqued to transition tube at 120 in. lbs.(Torque wrench E504, cal due 6/4/05). Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 15.7 21.2 300.0 TEST 2 22.2 29.0 300.0 TEST 3 0.005 0.002 .02g's TEST 4 27.6 31.4 300.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/15/05
4-1032	3707	N/A	4/19/2005	PASS	04/19/05	PASS	25.75	PASS	NO	N/A	Visual Inspection-SAT,"L" Dimension Acceptable, and Functional-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. As-left visual inspection-SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 174.4 226.6 2500.0 TEST 2 260.1 662.6 2500.0 TEST 3 0.003 0.004 .02g's TEST 4 227.3 262.4 2500.0 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/19/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1039	42872	N/A	4/19/2005	PASS	4/17/05	PASS	25.562	PASS	NO	N/A	Visual inspection performed-SAT. Functional test was performed on new snubber-SAT. Torqued transition tube to 500 FT/LBS. Torque Wrench M779 Due 7/31/2005. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 103.7 107.3 1000.0 TEST 2 146.3 213.4 1000.0 TEST 3 0.005 0.005 .02g's TEST 4 141.6 294.3 1000.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 4/19/05
4-1039	11923	42872	4/16/2005	PASS	04/16/05	PASS	25.562	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. (Worn parts noted, snubber was replaced with new Functional Tested snubber). This Snubber was replaced U4C21 outage.	FUNCTIONAL TEST PERFORMED? NO STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 110.6 81.0 2500.0 TEST 2 265.6 560.8 2500.0 TEST 3 0.001 0.002 .02g's TEST 4 249.1 516.9 2500.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/19/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1044	17902	12377	4/13/2005	PASS	04/13/05	PASS	21.50	PASS	NO	N/A	Visual Inspection-SAT,"L" Dimension Acceptable, and Functional-SAT. Snubber was scheduled to be replaced as part of the rotation cycle for PRZR snubbers. 4-1044 S/N 17902 was replaced with tested S/N 12377. As-Left Visual Inspection-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. The removed snubber S/N 17902 was functionally tested -SAT. The removed snubber will be used as a spare.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 58.5 44.4 750.0 TEST 2 77.4 66.1 750.0 TEST 3 0.006 0.005 .02g's TEST 4 78.6 51.6 750.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/13/05
4-1045	17906	16245	4/13/2005	PASS	04/13/05	PASS	21.50	PASS	NO	N/A	Visual Inspection-SAT,"L" Dimension Acceptable, and Functional-SAT. Snubber was scheduled to be replaced as part of the rotation cycle for PRZR snubbers. 4-1045 S/N 17906 was replaced with tested S/N 16245. As-Left Visual Inspection-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. The removed snubber S/N 17906 was functionally tested -SAT. The removed snubber will be used as a spare.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 39.7 92.6 750.0 TEST 2 53.3 93.2 750.0 TEST 3 0.008 0.009 .02g's TEST 4 124.9 42.9 750.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/13/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1048	4251	N/A	4/17/2005	PASS	04/17/05	PASS	20.750	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Snubber torqued to transition tube at 35 ft.. lbs.(Torque wrench I857, cal due 5/15/05). Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 30.2 40.0 750.0 TEST 2 30.2 81.2 750.0 TEST 3 0.008 0.006 .02g's TEST 4 47.2 45.5 750.0 TEST SAMPLE? YES SAMPLE CLASS QR DATE REINSTALLED: 04/18/05
4-1051	11446	10174	4/13/2005	PASS	04/13/05	PASS	21.750	PASS	NO	N/A	Visual Inspection-SAT,"L" Dimension Acceptable, and Functional-SAT. Snubber was scheduled to be replaced as part of the rotation for PRZR snubbers. 4-1051 S/N 11446 replaced with tested S/N 10174, tail piece was torqued to 35 ft. lbs (torque wrench M865, cal due 7/23/05) As-Left Visual Inspection-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. The removed snubber S/N 11446 was functionally tested-SAT. The removed snubber will be used as a spare.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 12.4 42.1 300.0 TEST 2 43.3 107.9 300.0 TEST 3 0.008 0.008 .02g's TEST 4 37.0 106.0 300.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/13/05

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1052	17904	N/A	4/13/2005	PASS	N/A	N/A	22.50	PASS	NO	N/A	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1053	16245	10172	4/13/2005	PASS	041305	PASS	21.75	PASS	NO		Visual Inspection-SAT,"L" Dimension Acceptable, and Functional-SAT. Snubber was scheduled to be replaced as part of the rotation cycle for PRZR snubbers. 4-1053 S/N 16245 was replaced with tested S/N 10172. Final Visual Inspection-SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. The removed snubber S/N 16245 was functionally tested-SAT. The removed snubber will be used as a spare.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 89.9 83.2 300.0 TEST 2 102.5 98.8 300.0 TEST 3 0.007 0.007 .02g's TEST 4 95.0 94.8 300.0 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED: 04/13/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUM
4-1054	15718	N/A	4/13/2005	PASS	N/A	N/A	21.187	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1055	16241	N/A	4/13/2005	PASS	N/A	N/A	20.687	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUM.
4-1056	12392	N/A	4/13/2005	PASS	N/A	N/A	21.0	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1057	27089	N/A	4/13/2005	PASS	N/A	N/A	18.375	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:



TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1065	20873	N/A	4/17/2005	PASS	N/A	N/A	15.687	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1071	17899	N/A	4/17/2005	PASS	N/A	N/A	20.50	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1077	18014	N/A	4/17/2005	PASS	04/17/05	PASS	13.50	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 12.8 6.6 75.0 TEST 2 17.5 11.1 75.0 TEST 3 0.009 0.010 .02g's TEST 4 17.3 11.4 75.0 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/17/05
4-1082	19296	N/A	4/19/2005	PASS	04/19/05	PASS	17.625	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 22.2 11.7 300.0 TEST 2 26.7 12.6 300.0 TEST 3 0.005 0.004 .02'gs TEST 4 26.1 15.4 300.0 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/19/05

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1084	23229	N/A	4/19/2005	PASS	04/19/05	PASS	12.750	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 6.5 8.6 75.0 TEST 2 12.6 10.8 75.0 TEST 3 0.007 0.005 .02g's TEST 4 12.9 9.7 75.0 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/19/05
4-1086	42386	N/A	4/14/2005	PASS	N/A	N/A	27.5	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1087	12994	N/A	4/14/2005	PASS	N/A	N/A	27.687	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1088	12995	N/A	4/15/2005	PASS	N/A	N/A	26.562	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1089	12996	N/A	4/15/2005	PASS	N/A	N/A	26.50	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1090	12997	N/A	4/16/2005	PASS	N/A	N/A	27.25	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Spherical bearings and load pin lubricated with neolube UTC 449261. No I.D. tag installed.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1087	12994	N/A	4/14/2005	PASS	N/A	N/A	27.687	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1088	12995	N/A	4/15/2005	PASS	N/A	N/A	26.562	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1091	12998	N/A	4/16/2005	PASS	N/A	N/A	27.25	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Spherical bearings and load pin lubricated with neolube UTC 449261. No I.D. tag installed.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1092	12999	N/A	4/16/2005	PASS	N/A	N/A	26.50	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Spherical bearings and load pin lubricated with neolube UTC 449261. No I.D. tag installed.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1091	12998	N/A	4/16/2005	PASS	N/A	N/A	27.25	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Spherical bearings and load pin lubricated with neolube UTC 449261. No I.D. tag installed.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1092	12999	N/A	4/16/2005	PASS	N/A	N/A	26.50	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable. Spherical bearings and load pin lubricated with neolube UTC 449261. No I.D. tag installed.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:



TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1093	17868	N/A	4/14/2005	PASS	04/14/05	PASS	19.625	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Transition piece torqued to 35 ft. lbs. (Torque wrench M864, cal due 6/20/05). Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 85.3 103.8 750.0 TEST 2 94.5 141.3 750.0 TEST 3 0.005 0.007 .02 g's TEST 4 103.6 65.2 750.0 TEST SAMPLE? YES SAMPLE CLASS QR DATE REINSTALLED: 04/14/05
4-1094	18157	N/A	4/14/2005	PASS	N/A	N/A	19.375	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1095	17870	N/A	4/15/2005	PASS	N/A	N/A	19.187	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1096	17871	N/A	4/15/2005	PASS	N/A	N/A	19.187	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1095	17870	N/A	4/15/2005	PASS	N/A	N/A	19.187	PASS	YES	PASS	Visual Inspection-SAT, "L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1096	17871	N/A	4/15/2005	PASS	N/A	N/A	19.187	PASS	YES	PASS	Visual Inspection-SAT, "L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

TAG #	SERIAL #	PLACE- 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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1097	17852	N/A	4/15/2005	PASS	N/A	N/A	19.625	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1098	16252	N/A	4/15/2005	PASS	N/A	N/A	19.50	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:

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	INSPECTION SUMMARY	FUNCTIONAL TEST SUMMARY
4-1099	20894	N/A	4/12/2005	PASS	N/A	N/A	16.625	PASS	YES	PASS	Visual Inspection-SAT,"L" Dimension Acceptable, Handstroke-SAT. Spherical bearings and load pin lubricated with neolube UTC # 449261.	FUNCTIONAL TEST PERFORMED? NO STATUS N/A (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 TEST 2 TEST 3 TEST 4 TEST SAMPLE? NO SAMPLE CLASS N/A DATE REINSTALLED:
4-1100	29498	N/A	4/17/2005	PASS	04/17/05	PASS	10.625	PASS	NO	N/A	Visual Inspection-SAT,"L" dimension acceptable and functional test -SAT. Snubber torqued to transition tube at 120 in. lbs.(Torque wrench E504, cal due 6/4/05). Spherical bearings and load pin lubricated with neolube UTC 449261. As left visual inspection -SAT.	FUNCTIONAL TEST PERFORMED? YES STATUS PASS (N/A IF NOT PERFORMED) TENSION COMPRESSION CRITERIA TEST 1 3.9 5.9 17.5 TEST 2 6.8 6.6 17.5 TEST 3 0.009 0.009 .02g's TEST 4 5.1 5.2 17.5 TEST SAMPLE? YES SAMPLE CLASS SR DATE REINSTALLED: 04/17/05

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**Summary of System Pressure Testing**

**Attachment 5**

**TURKEY POINT**  
**UNIT 4 CYCLE 22**  
**SYSTEM PRESSURE TESTING**  
**FINAL REPORT**

**Owner:** Florida Power and Light Company  
700 Universe Blvd.  
Juno Beach, Florida, 33408

**Plant:** Florida Power and Light Company  
Turkey Point Nuclear Power Plant Unit 4  
9760 SW 344<sup>th</sup> Street  
Homestead, Florida 33035

**Commercial Service Date:** September 7, 1973

Prepared by: James Noble Date: 7/20/05

Reviewed by: Ricky Spellman Date: 7/20/05

Approved by: [Signature] Date: 7/25/05

## **Abstract**

This report details the pressure testing of selected class 1, 2, and 3 piping and components of Florida Power and Light Company Turkey Point Unit 4. This report is for cycle 22 that includes the dates between 11/5/2003 to 6/13/2005. The refueling outage for cycle 22 occurred between 4/10/2005 to 6/13/2005. This pressure testing is being reported following the first outage of the first period for 4th 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", 1998 Edition with 2000 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, and 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 1998, 2000 addenda of ASME Section XI Code.

<b>System Name</b>	<b>System Number</b>
Intake Cooling Water	19
Emergency Diesel Generators	22
Component Cooling Water	30
Spent Fuel pool Cooling	33
Reactor Coolant	41
Chemical Volume and Control System	47
Residual Heat Removal	50
Safety Injection System	62
Main Steam System	72
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
EDG:	Emergency Diesel Generator
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
6.                    Number of test performed within the specific sub-system.

The following is a list of pressure tests that were performed during this cycle. They are sorted by system:

**INTAKE COOLING WATER, SYSTEM 19**

**04-ICW-19124-L-01**      Test Date: 01/09/04

This test was performed due to the replacement of 4B ICW (4P9B), expansion Joint (XJ-4-1407), and check valve (4-50-321) and discharge elbow per WO#32004932-01. There was no leakage observed during this test.

**04-ICW-19125-L-01**      Test Date: 05/07/04

This test was performed due to the replacement of 4C ICW (4P9C), expansion Joint (XJ-4-1408), and check valve (4-50-331) and discharge elbow per WO#31021026-01. There was no leakage observed during this test.

**04-ICW-19141-L-01**      Test Date: 10/16/04

This test was performed due to the replacement of Valve 4-50-311 per WO#34017659-01. There was no leakage observed during this test.

**04-ICW-19142-L-01**      Test Date: 05/07/05

This test was performed due to the replacement of Valve 4-50-324 per WO#34001196-01. There was no leakage observed during this test.

**04-ICW-19143-L-01**      Test Date: 05/31/05

This test was performed due to the replacement of Valve POV-4-4882 per WO#34001760-01. There was no leakage observed during this test.

**04-ICW-19144-L-01**      Test Date: 05/31/05

This test was performed due to the replacement of Valve POV-4-4883 per WO#34004423-01. There was no leakage observed during this test.

**04-ICW-19146-L-01**      Test Date: 04/29/05

This test was performed due to the replacement of Valve 4-50-329 per WO#34021438-01. There was no leakage observed during this test.

**04-ICW-19147-L-01**      Test Date: 05/07/05

This test was performed due to the replacement of Valve 4-50-311 per WO#34017659-01. There was no leakage observed during this test.

**04-ICW-19149-L-01**      Test Date: 04/29/05

This test was performed due to the replacement of Valve 4-50-349 per WO#34021437-01. There was no leakage observed during this test.

**04-ICW-19150-L-01**      Test Date: 05/07/05

This test was performed due to the replacement of Valve 4-50-309 per WO#34011469-01. There was no leakage observed during this test.

**04-ICW-19152-L-01**      Test Date: 04/29/05

This test was performed due to the replacement of Valve 4-50-350 per WO#34021446-01. There was no leakage observed during this test.

#### **EMERGENCY DIESEL GENERATOR, SYSTEM 22**

**04-EDG-2254-L-01**      Test Date: 9/19/04

This test performed due to replacement of the 4B EDG Air Start Piping per WO#34006575-02. There was no leakage observed during this test.

#### **COMPONENT COOLING WATER, SYSTEM 30**

**04-CCW-30336-L-01**      Test Date: 05/09/05

This test performed due to replacement of valve RV-4-1424 per WO#34003135-01. There was no leakage observed during this test.

**04-CCW-30337-L-01**      Test Date: 05/09/05

This test performed due to replacement of valve RV-4-1425 per WO#34003140-01. There was no leakage observed during this test.

**04-CCW-30338-L-01**      Test Date: 05/09/05

This test performed due to replacement of valve RV-4-1423 per WO#34003107-01. There was no leakage observed during this test.

**CHEMICAL AND VOLUME CONTROL SYSTEM 47****04-CVCS-4750-L-01** Test Date: 04/10/05

This test was performed to meet the 1998 Edition 2000 Addenda of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

**04-CVCS-4751-L-01** Test Date: 04/10/05

This test was performed to meet the 1998 Edition 2000 Addenda of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

**04-CVCS-4752-L-01** Test Date: 04/10/05

This test was performed to meet the 1998 Edition 2000 Addenda of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

**REACTOR COOLANT, SYSTEM 41****04-RCS-4111-L-01** Test Date: 06/03/05

This test involved the leakage test of the Reactor Coolant System piping inside containment following the Unit 4 Cycle 22 Refueling Outage. This leakage test also addressed the following replacements.

<b><u>Component</u></b>	<b><u>WO#</u></b>	<b><u>Replaced</u></b>
RV-4-551A	34001668-01	Remove, install spare
RV-4-551B	34001669-01	Remove, install spare
RV-4-551C	34001670-01	Remove, install spare
4P200C	34012046-01	Replace rotating element included pump flange

No leakage was observed during this test.

**CHEMICAL AND VOLUME CONTROL, SYSTEM 47****04-CVCS-4785-L-01** Test Date: 11/13/05

This test was performed due to replacement of the 4C Charging Pump (4P201C) per WO#34002657-01. There was no leakage observed during this test.

**04-CVCS-4787-L-01** Test Date: 06/03/05

This test was performed due to replacement of valve 4-293A per WO#34015793-01. There was no leakage observed during this test.

**04-CVCS-4788-L-01** Test Date: 06/03/05

This test was performed due to the piping modification of Valve RV-4-203 per PCM 04-063. There was no leakage observed during this test.

**04-CVCS-4789-L-01** Test Date: 06/03/05

This test was performed due to replacement of valve 4-293B per WO#34015794-01. There was no leakage observed during this test.

**MAIN STEAM, SYSTEM 72**

**04-SG-7214-L-01** Test Date: 04/10/05

This test was performed to meet the 1998 Edition 2000 Addenda of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

**04-SG-7215-L-01** Test Date: 04/10/05

This test was performed to meet the 1998 Edition 2000 Addenda of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

**04-SG-7216-L-01** Test Date: 04/10/05

This test was performed to meet the 1998 Edition 2000 Addenda of ASME Section XI periodic pressure Test requirements. No leakage was noted during this test.

**04-MS-7226-L-01** Test Date: 6/3/05

This test was performed due to replacement of valve RV-4-1402 per WO#34022782-01. There was no leakage observed during this test.

**04-MS-7227-L-01** Test Date: 6/3/05

This test was performed due to replacement of valve RV-4-1411 per WO#35007801-01. There was no leakage observed during this test.

**04-MS-7228-L-01** Test Date: 6/3/05

This test was performed due to replacement of the bonnet of valve RV-4-1400 per WO#34000320-01. There was no leakage observed during this test.

**04-MS-7229-L-01** Test Date: 6/3/05

This test was performed due to replacement of the bonnet of valve RV-4-1401 per WO#34000319-01. There was no leakage observed during this test.

**04-MS-7230-L-01** Test Date: 06/03/05

This test was performed due to replacement of the bonnet of valve RV-4-1402 per WO#34000318-01. There was no leakage observed during this test.

### **BOLTED JOINT EXAMINATIONS**

As required by the ASME Section XI Code, bolted joints on systems that are borated for the purpose of controlling reactivity must have insulation removed to perform the VT-2 exam. Bolted joint exams are performed in accordance with 4-OSP-045.1 for class 1 components. Class 2 and class 3 bolted components are examined in accordance with 4-OSP-045.2. The class 1 inspection included all insulated class 1 bolted components. The class 2 and class 3 inspections consisted of all insulated bolted joints both inside and outside the containment. There are no class 3 bolted joints in borated systems inside containment. The following is a listing of all bolted joints identified with leakage during this inspection. All leakage was evaluated by engineering as required by ASME XI.

<b><u>Component:</u></b>	<b><u>CR Number</u></b>	<b><u>Code Class</u></b>
CV-4-310B	2005-10496	1
FE-4-127	2005-2005-9611	2
4-752A	2005-9611	2
4-754A	2005-9611	2
4-754B	2005-8945	2
4-757A	2005-9076	2
4-757B	2005-9076	2
4-757C	2005-9076	2
4-757D	2005-9076	2
4-759B	2005-9170	2
FCV-4-605	2005-9324	2
HCV-4-758	2005-9324	2
MOV-4-862B	2005-9611	2
RO-4-1469	2005-8945	2

**TURKEY POINT  
UNIT 4**

**2005 REFUELING OUTAGE**

**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 Spring 2005 refueling outage, between the dates of November 5, 2003 and June 13, 2005.

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, "1998 Edition with Addenda through 2000.

## NIS-2 Log

Report No.	Report Date	Work Order Number	ANII Certification
Framatome	5/31/2005	35003979 (50-5058250-00) 35003759 (50-5042217-00)	8/20/2005
SGT	5/31/2005	35001449-05	8/22/2005
SGT	5/31/2005	35001449-06, 07, 08, 09	8/22/2005
SGT	5/31/2005	35001449-04	8/22/2005
05-001-4	4/18/2005	35004907-02	8/8/2005
05-002-4	4/19/2005	34002657-01	8/8/2005
05-003-4	4/20/2005	34013950-01	8/8/2005
05-005-4	4/20/2005	34011621-01	8/8/2005
05-005-4	4/21/2005	31011026-01	8/8/2005
05-006-4	5/4/2005	32005681-01	8/5/2005
05-007-4	5/5/2005	34015515-01	8/8/2005
05-008-4	5/5/2005	34017659-01	8/8/2005
05-009-4	5/5/2005	32020056-01	8/8/2005
05-010-4	5/5/2005	34021446-01	8/6/2005
05-011-4	5/5/2005	34021437-01	8/8/2005
05-012-4	5/6/2005	34011470-01	8/8/2005
05-013-4	5/7/2005	33021448-01 CR 03-3733	8/18/2005
05-014-4	5/7/2005	34011650-01	8/6/2005
05-015-4	5/7/2005	34003100-01	8/6/2005
05-016-4	5/7/2005	34002347-1A	8/22/2005
05-017-4	5/7/2005	33021588-01	8/6/2005
05-018-4	5/7/2005	34006575-02	8/22/2005
05-019-4	5/7/2005	32004932-01	8/6/2005
05-020-4	5/9/2005	31020696-01	8/6/2005
05-021-4	5/9/2005	35007926-01 CR 0510946	8/6/2005

## NIS-2 Log

Report No.	Report Date	Work Order Number	ANII Certification
05-022-4	5/10/2005	34011721-01	8/6/2005
05-023-4	5/11/2005	34003107-01	5/17/2005
05-024-4	5/11/2005	34003135-01	5/17/2005
05-025-4	5/11/2005	34003140-01	5/18/2005
05-026-4	5/10/2005	31020697-01	8/6/2005
05-027-4	3/3/2005	34001196-01	6/9/2005
05-028-4	5/11/2005	34011469-01	8/5/2005
05-029-4	5/11/2005	34021438-01	5/18/2005
05-030-4	5/13/2005	34003027-01	8/8/2005
05-031-4	5/12/2005	33017656-01	8/6/2005
05-032-4	5/16/2005	33017571-01	8/5/2005
05-033-4	5/16/2005	35000367-01	8/17/2005
05-034-4	5/23/2005	34011774-01	8/5/2005
05-035-4	4/25/2005	34009352-02	8/18/2005
05-036-4	6/20/2005	34022782-01	8/20/2005
05-037-4	6/22/2005	32014491-01	8/17/2005
05-038-4	6/20/2005	34001760-01	8/5/2005
05-039-4	6/20/2005	34004423-01	8/5/2005
05-040-4	6/20/2005	35007801-01	8/20/2005
05-041-4	6/21/2005	34000320-01	8/18/2005
05-042-4	6/21/2005	31019878-01	8/5/2005
05-043-4	6/21/2005	34015793-01	8/4/2005
05-044-4	6/21/2005	34015794-01	8/22/2005
05-045-4	6/22/2005	35012855-02	8/18/2005
05-046-4	6/22/2005	34011623-02	8/4/2005
05-047-4	7/6/2005	34000319-01	8/19/2005
05-048-4	6/23/2005	35012782-01	8/4/2005

### NIS-2 Log

Report No.	Report Date	Work Order Number	ANII Certification
05-049-4	6/23/2005	35003504-01	8/4/2005
05-050-4	6/23/2005	34001672-01	8/4/2005
05-051-4	6/23/2005	35010877-01	6/23/2005
05-052-4	6/23/2005	33019910-01	7/25/2005
05-053-4	6/23/2005	3501—36-01	8/18/2005
05-054-4	6/23/2005	35007973-01	7/25/2005
05-055-4	6/28/2005	33019898-01	8/17/2005
05-056-4	6/29/2005	34011651-01	8/18/2005
05-057-4	6/28/2005	34011649-01	8/18/2005
05-058-4	6/28/2005	34012259-01	8/18/2005
05-059-4	11/25/2004	34000318-01	8/19/2005
05-060-4	7/6/2005	35003432-01	8/18/2005
05-061-4	7/12/2005	34001668-01	8/17/2005
05-062-4	7/7/2005	34001669-01	8/17/2005
05-063-4	7/7/2005	34001670-01	8/17/2005
05-064-4	7/12/2005	35000440-01	8/17/2005
05-065-4	7/12/2005	34012046-01	8/19/2005
05-066-4	7/12/2005	34012046-01	8/18/2005
05-067-4	7/13/2005	34003357-01	8/18/2005

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date: May 31, 2005  
 Name  
700 Universe Blvd., Juno Beach, FL 33408 Sheet 1 of 5  
 Address
2. Plant Turkey Point Nuclear Power Plant Unit 4  
 Name  
9760 SW 344th St., Florida City, FL 33035 WO35003979, 50-5058250-00 (FANP)  
 Address WO 35003759, 50-5042217-00 (FANP)  
 Repair/Replacement Organization P.O. Box, Job No., etc.
3. Work Performed by Framatome-ANP, Inc. Type Code Symbol Stamp N/A  
 Name  
3315 Old Forest Road, Lynchburg VA 24501 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System Reactor Vessel (043)
5. (a) Applicable Construction Code ASME III Year 1989 Edition, No Addenda, N-474-2 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1998 & 2000 Year 2142-1  
2143-1  
N-588  
N-461  
 (c) Applicable Section XI Code Cases None

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Reactor Head	Framatome ANP	CC/TU002	N/A	N/A	2005	Installed	Yes
CRDM	Jeumont	2661	N/A	G-13/45	2004	Installed	Yes
CRDM	Jeumont	2662	N/A	M-6/32	2004	Installed	Yes
CRDM	Jeumont	2663	N/A	L-7/16	2004	Installed	Yes
CRDM	Jeumont	2664	N/A	K-8/7	2004	Installed	Yes
CRDM	Jeumont	2665	N/A	D-10/36	2004	Installed	Yes
CRDM	Jeumont	2666	N/A	H-6/8	2004	Installed	Yes
CRDM	Jeumont	2667	N/A	J-5/17	2004	Installed	Yes
CRDM	Jeumont	2668	N/A	L-5/27	2004	Installed	Yes
CRDM	Jeumont	2669	N/A	K-2/65	2004	Installed	Yes
CRDM	Jeumont	2670	N/A	J-3/41	2004	Installed	Yes
CRDM	Jeumont	2671	N/A	H-4/24	2004	Installed	Yes
CRDM	Jeumont	2672	N/A	G-5/18	2004	Installed	Yes

7. Description of Work Installed new Reactor Head and Control Rod Drive Mechanisms (CRDM) and RVH Vent Line.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure 2286 psi Test Temp. 548 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in Items 1 through 6 of this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

(7/99)

This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date: May 31, 2005  
Name  
700 Universe Blvd., Juno Beach, FL 33408 Sheet 2 of 5  
Address
2. Plant Turkey Point Nuclear Power Plant Unit 4  
Name WO35003979, 50-5058250-00 (FANP)  
9760 SW 344th St., Florida City, FL 33035 WO 35003759, 50-5042217-00 (FANP)  
Address Repair/Replacement Organization P.O. Box, Job No., etc.
3. Work Performed by Framatome-ANP, Inc. Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
3315 Old Forest Road, Lynchburg VA 24501 Expiration Date N/A  
Address
4. Identification of System Reactor Vessel (043)
5. (a) Applicable Construction Code ASME III, 1989 Edition, No Addenda, N-474-2 Code Case  
Year  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1998 & 2000 2142-1  
Year 2143-1  
 (c) Applicable Section XI Code Cases None N-588  
 N-461

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CRDM	Jeumont	2673	N/A	L-9/15	2004	Installed	Yes
CRDM	Jeumont	2674	N/A	F-2/66	2004	Installed	Yes
CRDM	Jeumont	2675	N/A	J-11/14	2004	Installed	Yes
CRDM	Jeumont	2676	N/A	H-12/22	2004	Installed	Yes
CRDM	Jeumont	2677	N/A	H-10/6	2004	Installed	Yes
CRDM	Jeumont	2678	N/A	F-4/34	2004	Installed	Yes
CRDM	Jeumont	2679	N/A	F-12/37	2004	Installed	Yes
CRDM	Jeumont	2680	N/A	G-11/21	2004	Installed	Yes
CRDM	Jeumont	2681	N/A	H-8/1	2004	Installed	Yes
CRDM	Jeumont	2682	N/A	E-11/29	2004	Installed	Yes
CRDM	Jeumont	2683	N/A	E-9/20	2004	Installed	Yes
CRDM	Jeumont	2684	N/A	F-8/9	2004	Installed	Yes
CRDM	Jeumont	2685	N/A	M-8/23	2004	Installed	Yes
CRDM	Jeumont	2686	N/A	K-4/33	2004	Installed	Yes
CRDM	Jeumont	2687	N/A	P-6/64	2004	Installed	Yes

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date: May 31, 2005  
Name  
700 Universe Blvd., Juno Beach, FL 33408 Sheet 3 of 5  
Address
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9760 SW 344th St., Florida City, FL 33035 WO 35003759, 50-5042217-00 (FANP)  
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Year  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1998 a 2000 2142-1  
Year 2143-1  
 (c) Applicable Section XI Code Cases None N-588  
 N-461

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CRDM	Jeumont	2688	N/A	N-7/40	2004	Installed	Yes
CRDM	Jeumont	2689	N/A	F-14/69	2004	Installed	Yes
CRDM	Jeumont	2690	N/A	K-14/62	2004	Installed	Yes
CRDM	Jeumont	2691	N/A	P-10/63	2004	Installed	Yes
CRDM	Jeumont	2692	N/A	N-9/39	2004	Installed	Yes
CRDM	Jeumont	2693	N/A	L-11/26	2004	Installed	Yes
CRDM	Jeumont	2694	N/A	K-12/30	2004	Installed	Yes
CRDM	Jeumont	2695	N/A	M-10/31	2004	Installed	Yes
CRDM	Jeumont	2696	N/A	J-13/38	2004	Installed	Yes
CRDM	Jeumont	2697	N/A	G-3/42	2004	Installed	Yes
CRDM	Jeumont	2698	N/A	B-10/68	2004	Installed	Yes
CRDM	Jeumont	2699	N/A	D-8/25	2004	Installed	Yes
CRDM	Jeumont	2700	N/A	C-7/43	2004	Installed	Yes
CRDM	Jeumont	2701	N/A	D-6/35	2004	Installed	Yes
CRDM	Jeumont	2702	N/A	C-9/44	2004	Installed	Yes
CRDM	Jeumont	2634	N/A	E-7/19	2004	Installed	Yes
CRDM	Jeumont	2636	N/A	E-5/70	2004	Installed	Yes
CRDM	Jeumont	2654	N/A	B-6/67	2004	Installed	Yes

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date: May 31, 2005  
Name  
700 Universe Blvd., Juno Beach, FL 33408 Sheet 4 of 5  
Address
2. Plant Turkey Point Nuclear Power Plant Unit 4  
Name WO35003979, 50-5058250-00 (FANP)  
9760 SW 344th St., Florida City, FL 33035 WO 35003759, 50-5042217-00 (FANP)  
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3. Work Performed by Framatome-ANP, Inc. Type Code Symbol Stamp N/A  
Name N/A  
3315 Old Forest Road, Lynchburg Va 24501 Authorization No. N/A  
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Year  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1998 a 2000 2142-1  
Year 2143-1  
 (c) Applicable Section XI Code Cases None N-588  
N-461

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
RVH Plug	Jeumont	JT 29	N/A	B-8/61	2004	Installed	Yes
RVH Plug	Jeumont	JT 30	N/A	H-14/58	2004	Installed	Yes
RVLMS	⊗ Framatome-ANP	1430-C7DC	N/A	H-2/60	N/A	Installed	Yes
RVLMS	⊗ Framatome-ANP	1430B3YP	N/A	P-8/59	N/A	Installed	Yes
CETNA	⊗ Framatome-ANP	B-0304001	N/A	N-11/51	N/A	Installed	Yes
CETNA	⊗ Framatome-ANP	B-0304002	N/A	L-3/53	N/A	Installed	Yes
CETNA	⊗ Framatome-ANP	B-0304004	N/A	C-5/55	N/A	Installed	Yes
CETNA	⊗ Framatome-ANP	B-0304005	N/A	E-13/57	N/A	Installed	Yes
Orifice Restricting	⊗ Framatome-ANP	Ht# U DY	N/A	UTC 0000460054	N/A	Installed	Yes
1" Coupling	⊗ Framatome-ANP	Ht# JKN	N/A	UTC 0000463581	N/A	Installed	Yes
1"x3/4" Reducer 6000#	⊗ Framatome-ANP	Ht# HLF	N/A	UTC 0000452323	N/A	Installed	Yes
1" Raised Flange	⊗ Framatome-ANP	Ht# 2581ANE	N/A	UTC 0000460056	N/A	Installed	Yes
1" Globe Valve	⊗ Framatome-ANP	69AZK	N/A	UTC 0000459719	N/A	Installed	Yes
1" S/S Pipe	⊗ Framatome-ANP	Ht #437948	N/A	UTC 0000455385	N/A	Installed	Yes
1" Raised Flange	⊗ Framatome-ANP	Ht#31438	N/A	UTC 0000465376	N/A	Installed	Yes
1" 45° Elbow	⊗ Framatome-ANP	Ht# AP4	N/A	UTC 0000464838	N/A	Installed	Yes
1" 90° Elbow	⊗ Framatome-ANP	Ht# XR	N/A	UTC 0000460918	N/A	Installed	Yes
1" S/S Pipe	⊗ Framatome-ANP	Ht# 437948	N/A	UTC 0000464959	N/A	Installed	Yes

⊗ = Installed by Framatome-ANP, customer (FP&L) supplied material (see UTC #)



**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

Sheet 5 of 5  
WO#35003979  
WO#35003759

**FORM NIS-2 (Back)**

9. Remarks: N-2 forms for the Reactor Head and CRDMs are attached.  
Applicable Manufacturer's Data Reports to be attached

The UTC numbers for the replacement CRDMs are, in order of appearance in table: 0000464049, 0000464050, 0000464051, 0000464052, 0000464053, 0000464054, 0000464055, 0000464056, 0000464057, 0000464058, 0000464059, 0000464060, 0000464061, 0000464062, 0000464063, 0000464064, 0000464065, 0000464066, 0000464067, 0000464068, 0000464069, 0000464070, 0000464071, 0000464072, 0000464073, 0000464074, 0000464075, 0000464076, 0000464077, 0000464078, 0000464079, 0000464080, 0000464081, 0000464082, 0000464083, 0000464084, 0000464085, 0000464086, 0000464087, 0000464088, 0000464089, 0000464090, 0000464091, 0000459806, 0000459808, 0000459826, 0000459845, 0000459845, 0000464160, 0000464159, 0000464094, 0000464094, 0000464094, and 0000464094, 0000460054, 0000452323, 0000460056, 0000463581, 0000459719, 0000455385, 0000464108.

Complete new reactor head assembly was pressure tested by a system leakage test.

UTC numbers for each item in the order listed: PLUGs, 0000459845, 0000459845, RVLMS, 0000464160, 0000464159, CETNAs, 0000464094, 0000464094, 0000464094, and 0000464094.

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed [Signature] ISI supervisor Date 8/18 2005

**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 Florida and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 8-2-05 to 8-20-05

\_\_\_\_\_, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions FL 477(A, N, C, I)  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8-20-05

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date May 31, 2005  
Name  
700 Universe Blvd., Juno Beach, FL 33408 Sheet 1 of 2  
Address
2. Plant Turkey Point Nuclear Power Plant Unit 4  
Name  
9760 SW 344<sup>th</sup> Street, Florida City, FL 33035 WO #35001449, Task 5  
Address Repair/Replacement Organization P.O. Box, Job No., etc.
3. Work Performed by SGT, Inc Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
7207 IBM Drive, Charlotte, NC 28262 Expiration Date N/A  
Address
4. Identification of System Containment Structure - Concrete (51)
5. (a) Applicable Construction Code ACI 318 Edition, 1963 Addenda, N/A Code Case  
Year  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1992 a1992  
Year  
 (c) Applicable Section XI Code Cases N/A

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Containment Structure	Bechtel	N/A	N/A	Reactor Building Wall	1970	Corrected	No

7. Description of Work:

As part of the Turkey Point Unit 4 Reactor Vessel Closure Head (RVCH) Replacement Project, a portion of the reactor building containment wall was removed to provide an opening through which the original and replacement RVCH were moved. Existing concrete was removed by hydro-demolition. The wall was reconstructed by re-installing existing reinforcing using swage coupler splices and fusion welding. Both existing reinforcing and new reinforcing was installed. Sheathing was placed in the wall to reconnect the existing tendon sheaths. A new reinforcing mat using #11 Grade 60 steel was installed on the inner (liner plate side) face of the wall to carry tensile forces created upon restoration of the post-tensioning system in the wall. Grout was used to repair approximately 360 square feet adjacent to the opening in a thin layer (3" to 6", one small area depth was 9").

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ ILRT Pressure 49 psi Test Temp. 80 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in Items 1 through 6 of this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

9. Remarks: Other Items installed are as follows:  
 Applicable Manufacturer's Data Reports to be attached

Name of Component	UTC Number	Other Identification
Inside Rebar Mat	0465913, 0465914 0465906, 0465905	N/A
Concrete	0458984, 0459131, 0463804, 0459629, 0465436, 0465935, 0459944, 0466073	N/A
Grout	0465983, 0463941, 0465734, 0461504, 0464013	N/A
Rebar Couplers Size 9	0000464444	N/A
Rebar Couplers Size 11	0000464445	N/A

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

**FORM NIS-2 (Back)**

9.0 Remarks: Continued

Page 2 of 2  
WO#35001449-05

Name of Component	UTC Number	Other Identification
#11 Outside Rebar Mat	0464461, 0464462	N/A
#9 Outside Rebar Mat	0464463, 0464464	N/A

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed [Signature] ISI Supervisor Date 8/18/2005

**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 Florida and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3-24-05 to 8-22-05

\_\_\_\_\_, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions FL 477 (A, C, N, I, E)  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8-22-05

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date May 31, 2005  
Name  
700 Universe Blvd., Juno Beach, FL 33408 Sheet 1 of 2  
Address
2. Plant Turkey Point Nuclear Power Plant Unit 4  
Name  
9760 SW 344<sup>th</sup> Street, Florida City, FL 33035 WO #35001449, Task 6,7,8,9  
Address Repair/Replacement Organization P.O. Box, Job No., etc.
3. Work Performed by SGT, Inc Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
7207 IBM Drive, Charlotte, NC 28262 Expiration Date N/A  
Address
4. Identification of System Containment Structure Tendon System (51)
5. (a) Applicable Construction Code ACI 318 Edition, 1963 Addenda, N/A Code Case  
Year  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1992 a1992  
Year  
 (c) Applicable Section XI Code Cases N/A

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Containment Structure	Prescon	N/A	N/A	Post Tensioning System	1970	Corrected	No

7. Description of Work:

As part of the Turkey Point Unit 3 and 4 Reactor Vessel Closure Head (RVCH) Replacement Project, a portion of the reactor building containment wall was removed to provide an opening through which the original and replacement RVCH were moved. Existing tendons (40 horizontal, 10 vertical) in the opening were removed and discarded and new tendons installed through new tendon sheaths spliced to the existing sheathing. Additionally, twelve horizontal tendons and one vertical tendon adjacent to the opening were removed and replaced. New anchorheads (stressing washers) were installed on shop ends and field ends of replaced tendons. For vertical tendons adjacent to the opening that were detensioned, new anchorheads were installed on shop ends and existing field end anchorheads were re-used.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ ILRT Pressure 49.2 psi Test Temp. 80 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in Items 1 through 6 of this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

9. Remarks: Other Items Installed are as follows:

Applicable Manufacturer's Data Reports to be attached

Name of Component	UTC Number	Other Identification
52 Horizontal Tendons	See Below	Mk# 15H33 thru 15H58 Mk# 62H33 thru 62H58
11 Vertical Tendons	See Below	Mk# 61V12 thru 61V21 Mk# 61V5
171 Anchorheads	460709, 460500, 464965 463859, 461305	Heat Codes See Below
Shim Sets	465216, 465205, 465217, 465218, 464717	Heat Codes: AB, AC, AE, AF, AG
Visconorst Tendon Grease	464551, 464593,	Lot # 504637, 520265

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

**FORM NIS-2 (Back)**

9.0 Remarks: Continued

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WO#35001449-06,07,08 & 09

Tendon UTC Numbers(In order):

464965, 464965, 464965, 463859, 464965, 464965, 463859, 464965, 464965, 464965, 463859, 464965, 463859, 463859,  
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463990, 463989, 463988, 463987, 463986, 463985, 463984, 463983, 463982, 463981, 465260, 464810, 464811, 464812, 464591,  
464590, 464589, 463996, 464591, 463996, 464589, 463995, 463995, 463994, 463993, 463992, 463995, 463994, 463995, 463994,  
463994, 463993, 463994, 463990, 464815, 464815, 464816, 464813, 464814, 464813, 463995, 463992, 464591, 463992, 464003,  
463996, 463995, 463995, 464589, 463992, 464590, 464589, 463992, 463995, 463995, 463995, 463996, 463995, 463994, 463995,  
464810, 464811, 464817

Anchorhead Heat Codes:

TD143, TD147, TD152, TD107, TD153, TD151, TD121, TD146, TD150, TD142, TD156, TD106, TD141, TD134, TD111, TD149,  
TD126, TD154, TD125, TD130, TD110, TD119, TD117, TD137, TD193, TD118, TD104, TD192, TD115, TD295, TD85, TD127,  
TD113, TD84, TD80, TD124, TD91, TD120, TD116, TD105, TD112, TD100, TD88, TD132, TD128, TD19, TD145, TD37,  
TD131, TD121, TE26, TD12, TD139, TD22, TE24, TD42, TD136, TD15, TD135, TD13, TD108, TD20, TD83, TD27, TD144,  
TD90, TD49, TD56, TD123, TD81, TD114, TD63, TD109, TD94, TE1, TD99, TE37, TD101, TE5, TD59, TD37, TD58, TE7,  
TD55, TD30, TD72, TE15, TD75, TE18, TD62, TE12, TD57, TE50, TD06, TE51, TD04, TE16, TD79, TE32, TD78, TE42,  
TD74, TE45, TD87, TE13, TD86, TE33, TD30, TE22, TD46, TE21, TD03, TE3, TD50, TD133, TD140, TD60, TD53, TD103,  
TD71, TD67, TD51, TD98, TD129, TD96, TD58, TE46, TD09, TE41, TD148, TD43, TD66, TE36, TD17, TE6, TD76, TE38,  
TD54, TE49, TD65, TE35, TD65, TE40, TD02, TE27, TW69, TE4, TD47, TE14, TD10, TE44, TD102, TE9, TD77, TE31,  
TD81, TE20, TD70, TE47, TD67, TE29, TD07, TE2, TD69, TE23, TD50, TD89, TD73, TD138, TD53, TD122

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed [Signature] ISI Supervisor Date 8/18 20 05

**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 Florida and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3-24-05 to 8-12-05 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions FL 477 (A,C,N,I)  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 8-12-05

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

1. Owner Florida Power & Light Co. Date May 31, 2005  
 Name 700 Universe Blvd., Juno Beach, FL 33408 Sheet 1 of 2  
 Address
2. Plant Turkey Point Nuclear Power Plant Unit 4  
 Name 9760 SW 344<sup>th</sup> Street, Florida City, FL 33035 WO #35001449, Task 4  
 Address Repair/Replacement Organization P.O. Box, Job No., etc.
3. Work Performed by SGT, Inc Type Code Symbol Stamp N/A  
 Name 7207 IBM Drive, Charlotte, NC 28262 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System Containment Structure – Liner Plate (51)
5. (a) Applicable Construction Code ASME Sec. VIII Edition, 1965 Addenda, N/A Code Case  
 Year  
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1992 a 1992 : 5610-C-47 Rev2 (for NDE work)  
 Year  
 (c) Applicable Section XI Code Cases N/A

6. Identification of Components:

Name of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Liner Plate	Bechtel	N/A	N/A	Steel Liner	1970	corrected	No

7. Description of Work:

As part of the Turkey Point Unit 3 and 4 Reactor Vessel Closure Head (RVCH) Replacement Project, a portion of the reactor building containment wall was removed to provide an opening through which the original and replacement RVCH were moved. The existing liner plate was taken out of the opening and subsequently re-installed. The channel and angle steel connected to the liner plate for stiffening was re-installed with new material for splices across the liner plate seam welds. Alignment nuts used on the inside of the liner plate remain in place following re-installation of the existing liner plate. Additional new liner plate replaced damaged liner plate adjacent to the construction opening and couplings and pipe caps remained in place following grout placement.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ ILRT Pressure 49.9 psi Test Temp. 80 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 6 of this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

9. Remarks: Other items installed are as follows:  
Applicable Manufacturer's Data Reports to be attached

Name of Component	UTC Number	Other Identification
C5 x 6.7 Channel	0459738 0464450	N/A
C8 x 11.5 Channel	0459736	N/A
L3x2x1/4	0459739 0465710 0459731	N/A
Flat Bar 1/4" x 1 1/4"	0459740 0465716 0459737	N/A
1/2" Plate	0459764 0457296	N/A

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**  
**As Required by the Provisions of the ASME Code, Section XI**

**FORM NIS-2 (Back)**

9.0 Remarks: Continued

Page 2 of 2  
WO#35001449-04

Name of Component	UTC Number	Other Identification
Blank Nuts	0464452	N/A
1/4" Plate	0459733 0465709	N/A
1 1/2" 3000# Couplings	0465879	N/A
Grout Port Plug	0465878	N/A
2" 3000# Pipe Cap	0466112	N/A

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Signed [Signature] ISI Supervisor Date 8/18/2005

**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 Florida and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3-24-05 to 08-22-05

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions FL 477  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 8-22-05

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

1. Owner Florida Power and Light Co. Date 4/18/2005  
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#: 35004907-02 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Spent Fuel Pit Cooling System #: 33 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4B Spent Fuel Pit Cooling Pump	N/A	N/A	N/A	4P212B	N/A	Corrected	N

7. Description of Work:

Replaced the pump casing bolting on pump

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



## 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  ISI supervisor Date 4/25/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4/4/05 to 8/8/05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date  8/8/05

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

1. Owner Florida Power and Light Co. Date 4/19/2005  
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#: 34002657-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: CVCS Charging and Letdown System #: 47 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4C Charging Pump	N/A	N/A	N/A	4P201C	N/A	Installed	N

7. Description of Work:

Replace power frame, including block, stuffing box, and valves, of 4C Charging Pump

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 2320 psig Test Temperature 99 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

 ISI Supervisor  
Owner or Owner's Designee, Title

Date 4/25/05

## 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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 11-2-04 to 2/8/05 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.

  
Inspector's Signature

Commissions FL477 (A.C.N.I.)  
National Board, State, Providence, and Endorsements

Date 2/8/05

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

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

Date 4/20/2005

Sheet 1 of 2

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

Unit 4

WO#: 34013950-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4C CCW Heat Exchanger	N/A	N/A	N/A	4E207C	N/A	Corrected	N

7. Description of Work:

Replace bolting of channel head

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

## 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  ISI Supervisor Date 4/26/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 1-15-05 to 8-8-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-8-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 4/20/2005  
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#: 34011621-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Component Cooling Water System #: 30 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Relief Valve for CCW Return from Excess Letdown HX	N/A	N/A	N/A	RV-4-715	N/A	Corrected	N

## 7. Description of Work:

Replace flange bolting during valve removal for testing

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

## 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  ISI Supervisor Date 4/25/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-17-05 to 8/8/05 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.

  
Inspector's Signature

Commissions FL 477 (A.C.N.I.)  
National Board, State, Providence, and Endorsements

Date 8/8/05

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

1. Owner Florida Power and Light Co. Date 4/21/2005  
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2  
Name Address

2. Plant Turkey Point Plant Unit 4  
9760 SW 344 Street Florida City, FL 33035 WO#: 31011026-01 CR#: N/A  
Name Address Repair Organization, P.O. No, Job No., etc.

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

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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4C Intake Cooling Water Pump	N/A	N/A	N/A	4P9C	N/A	Installed	N
Check Valve	N/A	N/A	N/A	4-50-331	N/A	Installed	N
Expansion Joint	N/A	N/A	N/A	XJ-4-1408	N/A	Installed	N

7. Description of Work:

Replace Pump, Discharge Check Valve and Expansion Joint

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 15 psig Test Temperature 83.5 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  ISI Supervisor Date 4/25/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 7/13/04 to 8/8/05 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.

  
Inspector's Signature

Commissions FL 477 (A, N, C, I)  
National Board, State, Providence, and Endorsements

Date 8/8/05

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

1. Owner Florida Power and Light Co. Date 5/4/2005  
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#: 32005681-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Component Cooling Water System #: 30 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
CCW support	N/A	N/A	N/A	4-ACH-212	N/A	Installed	N

7. Description of Work:

Replace corroded support with new support

8. 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)

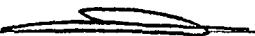
9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

### 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  ISI supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-15-04 to 8-5-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-5-05

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

1. Owner Florida Power and Light Co. Date 5/5/2005  
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#: 34015515-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Component Cooling Water System #: 30 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4A Component cooling water heat exchanger	N/A	N/A	N/A	4E207A	N/A	Corrected	N

7. Description of Work:

Replace cap screw on channel head

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

## 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 \_\_\_\_\_ 1st Supervisor \_\_\_\_\_ Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 11-6-04 to 8/8/05 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.

\_\_\_\_\_  
Inspector's SignatureCommissions FL 417 (A, N, I, C)  
National Board, State, Providence, and Endorsements

Date 8/8/05

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

1. Owner Florida Power and Light Co. Date 5/5/2005  
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#: 34017659-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Check Valve for ICW 4A pump	N/A	D2886	N/A	4-50-311	N/A	Installed	N
Check Valve	N/A	00046590	N/A	4-50-311	N/A	Removed	N

7. Description of Work:

Replaced valve by bolting

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A  
Other VT-2 Pressure 18 psig Test Temperature 75 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 [Signature] 1st Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 10-15-04 to 8/8/05 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 FL 471 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8/8/05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 5/5/2005

Sheet 1 of 2

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

Unit 4

WO#: 32020056-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Basket strainer to ICW for CCW heat exchangers	N/A	N/A	N/A	BS-4-1403	N/A	Corrected	N

## 7. Description of Work:

Replace corroded cover 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



## FORM NIS-2 (Back)

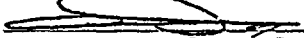
9. Remarks    MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  157 Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 12-7-04 to 8/8/05 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.

  
Inspector's Signature

Commissions FL 477(A.C., N.I.)  
National Board, State, Providence, and Endorsements

Date 8/8/05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 5/5/2005  
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#: 34021446-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Butterfly Valve Between B and C CCW Heat Exchangers	N/A	619828D D-1-1	N/A	4-50-350	N/A	Installed	N
Butterfly Valve	N/A	F-61465-1-8	N/A	4-50-350	N/A	Removed	N

## 7. Description of Work:

Replace valve and bolting material

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure N/A  
 Other VT-2 Pressure 20 psig Test Temperature 84 deg F

## FORM NIS-2 (Back)

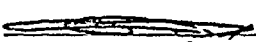
9. Remarks    MECHANICAL CONNECTION; NO WELDING REQUIRED.

### 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  ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-2-05 to 8-6-05 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.

  
Inspector's Signature

Commissions FE 477 (A.C.N.I.)  
National Board, State, Providence, and Endorsements

Date 8-6-05

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

1. Owner Florida Power and Light Co. Date 5/5/2005  
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#: 34021437-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Butterfly valve, Basket Strainer ICW Header B outlet	N/A	619828D D-3-1	N/A	4-50-349	N/A	Installed	N
Butterfly Valve	N/A	7-61465	N/A	4-50-349	N/A	Removed	N

7. Description of Work:

Replace valve and bolting material

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other VT-2 Pressure 20 psig Test Temperature 84 deg F

## FORM NIS-2 (Back)

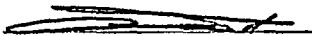
9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

## 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  ISI Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-6-05 to 8-8-05 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.

  
Inspector's Signature

Commissions FL 477 (A, S, N, I)  
National Board, State, Providence, and Endorsements

Date 8/8/05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 5/6/2005

Sheet 1 of 2

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

Unit 4

WO#: 34011470-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Butterfly Iso Valve between B and C ICW pumps	N/A	610942D D-1-1	N/A	4-50-307	N/A	Installed	N
Butterfly Valve	N/A	No Tag	N/A	4-50-307	N/A	Removed	N

## 7. Description of Work:

Replace Valve and bolting material

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

Other VT-2 Pressure 20 psig Test Temperature 84 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 [Signature] 1st Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-6-05 to 8-8-05 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 FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8/8/05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/7/2005

Sheet 1 of 2

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

Unit 4

WO#: 33021448-01 CR#: 03-3733

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

3. Work Performed by Florida Power and Light Co.  
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 building System #: 61 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Penetration P-65A blind flange	N/A	N/A	N/A	P-65A	N/A	Corrected	N

## 7. Description of Work:

Replace bolting on P-65A blind flange one bolt at a time

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



## 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 [Signature] ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 7-27-04 to 8-18-05 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 FL #77 (A, C, N, D)  
National Board, State, Providence, and Endorsements

Date 8-18-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 5/7/2005  
Name  
700 Universe Blvd. Juno Beach, FL 33408  
Address

2. Plant Turkey Point Plant Unit 4  
Name WO#: 34011650-01 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 and Light Co. 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: Safety Injection Accumulator System #: 64 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
B Accumulator Relief Valve	N/A	N/A	N/A	RV-4-858B	N/A	Corrected	N

## 7. Description of Work:

Replace inlet 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

## FORM NIS-2 (Back)

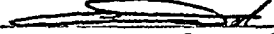
9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-30-05 to 8-6-05 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.

  
Inspector's Signature

Commissions FL477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 5/7/2005

Sheet 1 of 2

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

Unit 4

WO#: 34003100-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Relief Valve to CCW surge tank	N/A	D00828-0001	N/A	RV-4-707	N/A	Corrected	N

## 7. Description of Work:

Replace inlet flange 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

## 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 [Signature] 1st Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-7-05 to 8-6-05 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 SignatureCommissions FL 417 (A.C.N.I.)  
National Board, State, Providence, and EndorsementsDate 8-6-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 5/7/2005  
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#: 34002347-1A CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Steam Generators System #: 71 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
"B" Steam Generator	N/A	N/A	N/A	4E210B	N/A	corrected	N

## 7. Description of Work:

Replace Bolt #5 on "B" hand hole of "B" Steam Generator

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

## 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 [Signature] ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-25-05 to 8-22-05 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 FL 977 (A.C.N.I.)  
National Board, State, Providence, and Endorsements

Date 8-22-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/7/2005

Sheet 1 of 2

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

Unit 4

WO#: 33021588-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam "C" Supply Valve to AFW Pumps	N/A	N/A	N/A	4-10-319	N/A	Corrected	N

## 7. Description of Work:

Replace bonnet 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



## FORM NIS-2 (Back)

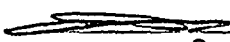
9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-23-05 to 7-6-05 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.

  
Inspector's Signature

Commissions FLAT (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 5/7/2005  
Name  
700 Universe Blvd. Juno Beach, FL 33408 Sheet 1 of 2  
Address

2. Plant Turkey Point Plant Unit 4  
Name WO#: 34006575-02 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 and Light Co. 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 19 55 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4B Air Receiver Tank	N/A	N/A	N/A	4T271B	N/A	Corrected	N

## 7. Description of Work:

Replace piping by welding

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
Other VT-2 Pressure 200 psig Test Temperature 103 deg F

## FORM NIS-2 (Back)

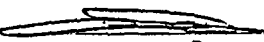
9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

### 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  ISI Supervisor Date 5/18/05  
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 HSBC of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 6-11-04 to 8-19-05 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.

  
Inspector's Signature

Commissions FL 477(A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-19-05

1. Owner	<u>Florida Power and Light Co.</u> Name <u>700 Universe Blvd. Juno Beach, FL 33408</u> Address	Date	<u>5/7/2005</u>
		Sheet	<u>1</u> of <u>2</u>
2. Plant	<u>Turkey Point Plant</u> Name <u>9760 SW 344 Street Florida City, FL 33035</u> Address	Unit	<u>4</u>
		WO#:	<u>32004932-01</u>
		CR#:	<u>N/A</u>
		<u>Repair Organization, P.O. No, Job No., etc.</u>	
3. Work Performed by	<u>Florida Power and Light Co.</u> Name <u>9760 SW 344 Street Florida City, FL 33035</u> Address	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>Intake Cooling Water</u>	System #:	<u>19</u>
		Quality Group	<u>C</u>
5. (a) Applicable Construction Code	<u>B31.1</u>	19 55 Edition,	<u>N/A</u> Addenda, <u>N/A</u> Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements		19 98 Edition,	<u>2000</u> Addenda, <u>N/A</u> Code Case

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4B Intake Cooling Water Pump	N/A	IST-5	N/A	4P9B	N/A	Installed	N
Pump	N/A	IST-4	N/A	4P9B	N/A	Removed	N
Check Valve	N/A	D2664	N/A	4-50-321	N/A	Installed	N
Check Valve	N/A	None	N/A	4-50-321	N/A	Removed	N

8. Tests Conducted:	Hydrostatic:	<u>N/A</u>	Pneumatic	<u>N/A</u>	Nominal Operating Pressure	<u>X</u>
	Other	<u>VT-2</u>	Pressure	<u>20 psig</u>	Test Temperature	<u>90 deg F</u>

## FORM NIS-2 (Back)

## 9. Remarks

## CERTIFICATE OF COMPLIANCE

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A Expiration Date: \_\_\_\_\_ N/A

Signed [Signature] ISI Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-15-05 to 8-6-05 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 FL 477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/9/2005

Sheet 1 of 2

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

Unit 4

WO#: 31020696-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Residual Heat Removal System #: 50 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Inlet Valve to RHR Pump B	N/A	N/A	N/A	4-752B	N/A	Corrected	N

## 7. Description of Work:

Rplace Body to Bonnet 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

## 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  ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 1-15-03 to 8-6-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

1. Owner	<u>Florida Power and Light Co.</u> <u>Name</u> <u>700 Universe Blvd. Juno Beach, FL 33408</u> <u>Address</u>	Date	<u>5/9/2005</u>
2. Plant	<u>Turkey Point Plant</u> <u>Name</u> <u>9760 SW 344 Street Florida City, FL 33035</u> <u>Address</u>	Sheet	<u>1</u> of <u>2</u>
3. Work Performed by	<u>Florida Power and Light Co.</u> <u>Name</u> <u>9760 SW 344 Street Florida City, FL 33035</u> <u>Address</u>	Unit	<u>4</u>
4. Identification of System:	<u>CVCS Charging and Letdown</u>	WO#:	<u>35007926-01</u>
5. (a) Applicable Construction Code	<u>B31.1</u>	CR#:	<u>0510946</u>
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements	<u>19 55 Edition,</u>	<u>Repair Organization, P.O. No, Job No., etc.</u>	
	<u>19 98 Edition,</u>	Type Code Symbol Stamp	<u>N/A</u>
	<u>2000</u>	Authorization Number	<u>N/A</u>
	<u>Addenda,</u>	Expiration Date	<u>N/A</u>
	<u>N/A</u>	Quality Group	<u>A</u>
	<u>Code Cases</u>		

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Charging to Reactor Coolant Loop C Control Valve	N/A	N/A	N/A	CV-4-310B	N/A	Corrected	N

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



## FORM NIS-2 (Back)

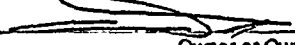
9. Remarks      MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-22-05 to 8-6-05 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.

  
Inspector's Signature

Commissions FL 477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 5/10/2005

Sheet 1 of 2

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

Unit 4

WO#: 34011721-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Residual Heat Removal System #: 50 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Isolation Valve for RHR Pump A Discharge	N/A	N/A	N/A	4-754A	N/A	Corrected	N

## 7. Description of Work:

Replace Body to Bonnet 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

## 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  ISI Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 2-22-05 to 8-6-05 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.

  
Inspector's Signature

Commissions FL477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner	<u>Florida Power and Light Co.</u> Name <u>700 Universe Blvd. Juno Beach, FL 33408</u> Address	Date	<u>5/11/2005</u>
2. Plant	<u>Turkey Point Plant</u> Name <u>9760 SW 344 Street Florida City, FL 33035</u> Address	Sheet	<u>1</u> of <u>2</u>
3. Work Performed by	<u>Florida Power and Light Co.</u> Name <u>9760 SW 344 Street Florida City, FL 33035</u> Address	Unit	<u>4</u>
		WO#:	<u>34003107-01</u>
		CR#:	<u>N/A</u>
		<u>Repair Organization, P.O. No, Job No., etc.</u>	
		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>Component Cooling Water</u>	System #:	<u>30</u>
		Quality Group	<u>C</u>
5. (a) Applicable Construction Code	<u>B31.1</u>	19 55 Edition,	<u>N/A</u>
		Addenda,	<u>N/A</u>
		Code Case	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements		19 98 Edition,	<u>2000</u>
		Addenda,	<u>N/A</u>
		Code Case	

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Relief Valve for CCW ECC B	N/A	TH18078	N/A	RV-4-1423	N/A	Installed	N
Relief Valve	N/A	TH18072	N/A	RV-4-1423	N/A	Removed	N

## 7. Description of Work:

Replace Relief Valve with spare

8. Tests Conducted:	Hydrostatic:	<u>N/A</u>	Pneumatic	<u>N/A</u>	Nominal Operating Pressure	<u>X</u>
	Other	<u>VT-2</u>	Pressure	<u>122</u> psig	Test Temperature	<u>70</u> deg F

## FORM NIS-2 (Back)

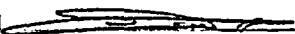
9. Remarks      MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 3-24-2005 to 5-17-2005 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.

  
Inspector's Signature

Commissions NB#9150 A, I, N, FL218  
National Board, State, Providence, and Endorsements

Date 5-17-2005

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/11/2005

Sheet 1 of 2

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

Unit 4

WO#: 34003135-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Relief Valve for CCW to ECC C	N/A	TH18085	N/A	RV-4-1424	N/A	Installed	N
Relief Valve	N/A	TH18089	N/A	RV-4-1424	N/A	Removed	N

## 7. Description of Work:

Replace Relief Valve with spare

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

Other VT-2 Pressure 121 psig Test Temperature 70 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  ISI supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 3-25-2005 to 5-17-2005 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.

  
Inspector's Signature

Commissions NB #9150 A, I, N, FL 218  
National Board, State, Providence, and Endorsements

Date 5-17-2005

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/11/2005

Sheet 1 of 2

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

Unit 4

WO#: 34003140-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Relief Valve for CCW to ECC A	N/A	TH18076	N/A	RV-4-1425	N/A	Installed	N
Relief Valve	N/A	TH18077	N/A	RV-4-1425	N/A	Removed	N

## 7. Description of Work:

Replace Relief Valve with spare

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

Other VT-2 Pressure 122 psig Test Temperature 70 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  151 Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 3-24-2005 to 5-18-2005 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.

  
Inspector's Signature

Commissions NB #9150 A, N, I FL 218  
National Board, State, Providence, and Endorsements

Date 5-18-2005

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/10/2005

Sheet 1 of 2

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

Unit 4

WO#: 31020697-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Residual Heat Removal System #: 50 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Inlet Valve to RHR Pump A	N/A	N/A	N	4-752A	N/A	Corrected	N

## 7. Description of Work:

Replace Body to Bonnet 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

## FORM NIS-2 (Back)

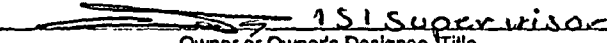
9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

## 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  Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 05-8-05 to 8-6-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 3/3/2005

Sheet 1 of 2

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

Unit 4

WO#: 34001196-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Inlet Butterfly valve to A ICW Basket strainer	N/A	619828D D-3-3	N/A	4-50-324	N/A	Installed	N
Buttefly Valve	N/A	No Tag	N/A	4-50-324	N/A	Removed	N

## 7. Description of Work:

Replace Valve and bolting

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

Other VT-2 Pressure 22 psig Test Temperature 78 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 [Signature] ISI Supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 6/8/05 to 6/9/05 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 FL 477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 6/9/05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/11/2005

Sheet 1 of 2

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

Unit 4

WO#: 34011469-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Butterfly Isolation Valve between A and B ICW pumps	N/A	646626D D-1-1	N/A	4-50-309	N/A	Installed	N
Butterfly Valve	N/A	No Tag	N/A	4-50-309	N/A	Removed	N

## 7. Description of Work:

Replace Valve and bolting material

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

Other VT-2 Pressure 22 psig Test Temperature 78 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 \_\_\_\_\_ ISI supervisor Date 5/10/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-6-05 to 8-5-05 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.

*Robt A. Wlaite*  
Inspector's Signature

Commissions FL477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-5-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 5/11/2005  
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#: 34021438-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Outlet Butterfly valve from ICW basket strainer	N/A	619828D D-3-2	N/A	4-50-329	N/A	Installed	N
Butterfly Valve	N/A	RGP1556	N/A	4-50-329	N/A	Removed	N

## 7. Description of Work:

Replace valve and bolting material

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other VT-2 Pressure 22 psig Test Temperature 78 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  ISI Supervisor Date 5/16/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-6-2005 to 5-18-2005 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.

  
Inspector's Signature

Commissions NR #950 A, N, I, FL 218  
National Board, State, Providence, and Endorsements

Date 5-18-2005

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

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

Date 5/13/2005

Sheet 1 of 2

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

Unit 4

WO#: 34003027-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Snubber	PSA	11923	N	4-1039	N/A	Removed	N
Snubber	PSA	42872	N	4-1039	N/A	Installed	N
Snubber Load Pin	PSA	17177	N	4-1014	N/A	Corrected	N

7. Description of Work:

Replace Snubber 4-1039 and replace load pin on snubber 4-1014

8. 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    None

## 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  ISI Supervisor Date 8/16/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 04-6-05 to 8-18-05 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.

  
Inspector's Signature

Commissions FL 97 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-8-05

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

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

Date 5/12/2005

Sheet 1 of 2

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

Unit 4

WO#: 33017656-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Residual Heat Removal System #: 50 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Residual Heat Rmoval Pump Recirc Line Restricting Orifice	N/A	N/A	N/A	RO-4-1468	N/A	Corrected	N

7. Description of Work:

Replace Flange 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

## 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 \_\_\_\_\_ ISI Supervisor Date 5/12/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 6-8-05 to 8-6-05 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.

\_\_\_\_\_  
Inspector's Signature

Commissions FL477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-6-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/16/2005

Sheet 1 of 2

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

Unit 4

WO#: 33017571-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
RWST to Charging pump Suction Check Valve	N/A	N/A	N/A	4-357	N/A	Corrected	N

## 7. Description of Work:

Replace body to bonnet 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

## 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  ISI Supervisor Date 5/25/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 3-17-05 to 8-5-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,E)  
National Board, State, Providence, and Endorsements

Date 8-5-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 5/16/2005

Sheet 1 of 2

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

Unit 4

WO#: 35000367-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 A

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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Relief Valve for Regen Heat Exchanger	N/A	N/A	N/A	RV-4-311	N/A	Removed	N
Restricting Orifice	N/A	N/A	N/A	RO-4-311	N/A	Installed	N

## 7. Description of Work:

Remove valve, cap line and add bypass line and RO-4-311 per PCM 04-056

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



## FORM NIS-2 (Back)

## 9. Remarks

## CERTIFICATE OF COMPLIANCE

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_ Expiration Date: \_\_\_\_\_ N/A \_\_\_\_\_

Signed  ISI Supervisor Date 8/17/05  
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 HSBCT, of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-23-05 to 8-17-05 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.

  
Inspector's Signature

Commissions FE 477(A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-17-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 5/23/2005  
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#: 34011774-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Safety Injection System #: 62 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
SI Boundary Isolation Valve	N/A	N/A	N/A	4-867	N/A	Corrected	N

## 7. Description of Work:

Replace bonnet 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

## 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  ISI Supervisor Date 5/25/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-7-05 to 8-5-05 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.

  
Inspector's Signature

Commissions FE477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-5-05

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

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

Date 4/25/2005

Sheet 1 of 2

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

Unit 4

WO#: 34009352-02 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Main Feedwater System #: 74 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Feedwater Flow control valve	N/A	N/A	N/A	FCV-4-478	N/A	Corrected	N

7. Description of Work:

Internal weld buildup for new machined/threaded in seat.

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

## FORM NIS-2 (Back)

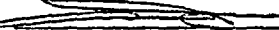
9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

### 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  1st Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-26-05 to 8-18-05 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.

  
Inspector's Signature

Commissions FL477(A, C, N, E)  
National Board, State, Providence, and Endorsements

Date 8-18-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 6/20/2005

Sheet 1 of 2

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

Unit 4

WO#: 34022782-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Safety Valve	N/A	BY-96920	N/A	RV-4-1402	N/A	Installed	N
Valve	N/A	BL0405	N/A	RV-4-1402	N/A	Removed	N

## 7. Description of Work:

Replace Valve

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

Other N/A Pressure 996 psig Test Temperature 287.7 deg F

## FORM NIS-2 (Back)

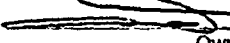
9. Remarks      MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 6/27/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-7-05 to 8-20-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,E)  
National Board, State, Providence, and Endorsements

Date 8-20-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 6/22/2005

Sheet 1 of 2

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

Unit 4

WO#: 32014491-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Main Feedwater System #: 74 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Feedwater Checkvalve	N/A	N/A	N/A	CV-4-2900	N/A	Corrected	N

## 7. Description of Work:

Replace bolt during overhaul

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



## 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  Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-28-05 to 8-17-05 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.

  
Inspector's Signature

Commissions P2 477 (A, C, N, D)  
National Board, State, Providence, and Endorsements

Date 8-17-05

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

1. Owner Florida Power and Light Co. Date 6/20/2005  
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#: 34001760-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
TPCW Heat Exchanger Isolation Valve	N/A	619828D D-2-1	N/A	POV-4-4882	N/A	Installed	N
Valve	N/A	7-63359-3	N/A	POV-4-4882	N/A	Removed	N

7. Description of Work:

Replace valve and bolting

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 14 psig Test Temperature 90 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  181 Supervisor Date 6/27/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 2-22-05 to 8-5-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-5-05

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

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

Date 6/20/2005

Sheet 1 of 2

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

Unit 4

WO#: 34004423-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
TPCW Heat Exchanger Isolation valve	N/A	613828-DD-2-2	N/A	POV-4-4883	N/A	Installed	N
Valve	N/A	7-63359-3	N/A	POV-4-4883	N/A	Removed	N

7. Description of Work:

Replace Valve and bolting per PCM04-299

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

Other N/A Pressure 14 psig Test Temperature 90 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  ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 2-22-05 to 2-5-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-5-05

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

1. Owner Florida Power and Light Co. Date 6/20/2005  
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#: 35007801-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Safety Valve	N/A	BY96919	N/A	RV-4-1411	N/A	Installed	N
Valve	N/A	BL0404	N/A	RV-4-1411	N/A	Removed	N

7. Description of Work:

Replace Valve

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 996 psig Test Temperature 287.7 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  181 Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-21-05 to 8-20-05 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.

  
 Inspector's Signature

Commissions FL 477 (A, C, N, I)  
 National Board, State, Providence, and Endorsements

Date 8-20-05

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

1. Owner Florida Power and Light Co. Date 6/21/2005  
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#: 34000320-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Isolation Bypass Valve	N/A	N/A	N/A	MOV-4-1400	N/A	Corrected	N

7. Description of Work:

Replace valve bonnet and bonnet bolting

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 996 psig Test Temperature 287.7 deg F



## FORM NIS-2 (Back)

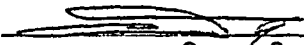
9. Remarks      MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  1st Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-29-05 to 9-18-05 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.

  
 Inspector's Signature

Commissions FL #77 (A.C.N.I.)  
 National Board, State, Providence, and Endorsements

Date 8-18-05

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

1. Owner Florida Power and Light Co. Date 6/21/2005  
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#: 31019878-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Isolation Valve	N/A	N/A	N/A	POV-4-2604	N/A	Corrected	N

7. Description of Work:

Replace bolting on rockshaft cover

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 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  Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-5-05 to 8-5-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-5-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 6/21/2005  
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#: 34015793-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: CVCS Charging and Letdown System #: 47 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Seal Water Injection Filter Outlet valve	N/A	N/A	N/A	4-293A	N/A	Installed	N

## 7. Description of Work:

Replace valve by welding

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
Other N/A Pressure 2460 psig Test Temperature 102 deg F

## FORM NIS-2 (Back)

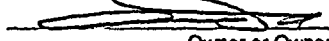
9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

### 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  ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 2-1-05 to 3-1-05 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.

  
Inspector's Signature

Commissions FL477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8.04.05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 6/21/2005

Sheet 1 of 2

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

Unit 4

WO#: 34015794-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Seal water filter "B" Inlet Isolation valve	N/A	N/A	N/A	4-293B	N/A	Installed	N

## 7. Description of Work:

Replace valve by welding

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

Other N/A Pressure 2460 psig Test Temperature 102 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  ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 2-10-05 to 8-22-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-22-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 6/22/2005

Sheet 1 of 2

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

Unit 4

WO#: 35012655-02 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Control Valve for CCW to ECC "C"	N/A	N/A	N/A	CV-4-2908	N/A	Corrected	N

## 7. Description of Work:

Replace bolting material during overhaul

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



## FORM NIS-2 (Back)

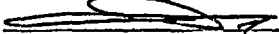
9. Remarks    MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-30-05 to 8-18-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, E)  
National Board, State, Providence, and Endorsements

Date 8-18-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 6/22/2005

Sheet 1 of 2

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

Unit 4

WO#: 34011623-02 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Letdown Relief Valve	N/A	N/A	N/A	RV-4-203	N/A	Corrected	N

## 7. Description of Work:

Reroute inlet piping by welding

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

Other N/A Pressure 275 psig Test Temperature 120 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  IS1 Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 2-01-05 to 7-20-05 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.

  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-4-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 7/6/2005

Sheet 1 of 2

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

Unit 4

WO#: 34000319-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Line "B" Isolation bypass valve	N/A	N/A	N/A	MOV-4-1401	N/A	Corrected	N

## 7. Description of Work:

Replace valve bonnet and bonnet bolting

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

Other N/A Pressure 996 psig Test Temperature 287.7 deg F

05-047-4

## FORM NIS-2 (Back)

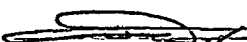
9. Remarks MECHANICAL CONNECTION, NO WELDING REQUIRED.

## 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  ISI supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 7-29-05 to 8-19-05 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.

  
Inspector's SignatureCommissions FL477(A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-19-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 6/23/2005

Sheet 1 of 2

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

Unit 4

WO#: 35012782-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
CCW Pump "A" Discharge Check Valve	N/A	N/A	N/A	4-702A	N/A	Corrected	N

## 7. Description of Work:

Replace 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

## 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  1st Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-30-05 to 8-4-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8-4-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 6/23/2005  
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#: 35003504-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power and Light Co. 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 19 55 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Pressurizer PORV	N/A	N/A	N/A	PCV-4-455C	N/A	Corrected	N

## 7. Description of Work:

Replace one Nut

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



## 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  1st Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-1-05 to 8-4-05 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.

  
Inspector's SignatureCommissions FL 477/A, C, N, E  
National Board, State, Providence, and EndorsementsDate 8-4-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 6/23/2005  
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#: 34001672-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Reactor Vessel System #: 43 Quality Group A

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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Reactor Vent Orifice	N/A	N/A	N/A	RO-4-6316	N/A	Corrected	N

## 7. Description of Work:

Replace 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

## 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 [Signature] ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-30-05 to 8-4-05 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code, Section XI.

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[Signature]  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-4-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 6/23/2005

Sheet 1 of 2

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

Unit 4

WO#: 35010877-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
SI to Loop A drain valve	N/A	N/A	N/A	4-873D	N/A	Installed	N

## 7. Description of Work:

Replace valve by Swagelock fittings

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

## FORM NIS-2 (Back)

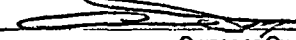
9. Remarks    MECHANICAL CONNECTION, NO WELDING REQUIRED.

## 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  ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-18-05 to 8-4-05 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.

  
Inspector's SignatureCommissions FL 477 (A, C, N, E)  
National Board, State, Providence, and EndorsementsDate 8-4-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 6/23/2005  
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#: 33019901-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Dump to Atmosphere Control Valve	N/A	N/A	N/A	CV-4-1608	N/A	Corrected	N

## 7. Description of Work:

Install new valve seat and seal weld

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

## 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  1st Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-22-05 to 7-25-05 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.

  
Inspector's Signature

Commissions FL 477 (A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 7-25-05

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

1. Owner Florida Power and Light Co. Date 6/23/2005  
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#: 35010036-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

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

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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
SI to Loop C Drain Valve	N/A	N/A	N/A	4-873F	N/A	Corrected	N

7. Description of Work:

Replace swagelock connector by welding.

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



## FORM NIS-2 (Back)

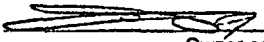
9. Remarks ALL WELDING PERFORMED IN ACCORDANCE WITH THE FPL WELD CONTROL MANUAL.

## 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  ISI supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-28-05 to 8-18-05 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code, Section XI.

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Inspector's Signature

Commissions FL 477 (A, C, N, D)  
National Board, State, Providence, and Endorsements

Date 8-18-05

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

1. Owner Florida Power and Light Co. Date 6/23/2005  
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#: 35007973-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

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

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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
RCP Loop A Seal Pressure Tap Isolation Valve	N/A	N/A	N/A	4-299B	N/A	Corrected	N

7. Description of Work:

Replace Flange 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

## FORM NIS-2 (Back)

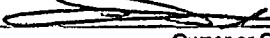
9. Remarks    MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 6/28/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-1-05 to 7-25-05 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code, Section XI.

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Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 7-25-05

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

1. Owner Florida Power and Light Co. Date 6/28/2005  
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#: 33019898-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam "B" Steam Dump to Atmosphere Valve	N/A	N/A	N/A	CV-4-1607	N/A	Corrected	N

7. Description of Work:

Weld build up on internal valve body and seal weld new seat

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

## 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 \_\_\_\_\_ ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-22-05 to 8-17-05 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code, Section XI.

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\_\_\_\_\_  
Inspector's Signature

Commissions FL 977 (A, C, N, E)  
National Board, State, Providence, and Endorsements

Date 8-17-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 6/29/2005  
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#: 34011651-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Safety Injection Accumulator System #: 64 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
SI Accumulator C Relief Valve	N/A	N/A	N/A	RV-4-858C	N/A	Corrected	N

## 7. Description of Work:

Replace 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

## FORM NIS-2 (Back)

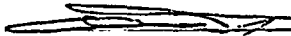
9. Remarks    MECHANICAL CONNECTION, NO WELDING REQUIRED.

## 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  ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-1-05 to 8-18-05 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Report in accordance with the requirements of ASME Code, Section XI.

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Inspector's Signature

Commissions \_\_\_\_\_  
National Board, State, Providence, and Endorsements

Date 8-18-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power and Light Co. Date 6/28/2005  
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#: 34011649-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power and Light Co. 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: Safety Injection Accumulator System #: 64 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
SI Accumulator "A" Relief Valve	N/A	N/A	N/A	RV-4-858A	N/A	Corrected	N

## 7. Description of Work:

Replace inlet flange 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 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] ISI Supervisor Date 8/16/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 3-24-05 to 8-18-05 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.

Paul A. Went  
Inspector's Signature

Commissions FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-18-05

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

1. Owner Florida Power and Light Co. Date 6/28/2005  
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#: 34012259-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: CVCS Boron Addition and Recycle System #: 46 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Emergency Boration Control Valve	N/A	N/A	N/A	MOV-4-350	N/A	Corrected	N

7. Description of Work:

Replace bonnet 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

## 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 [Signature] ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-25-05 to 8/18/05 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 PL-477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-18-05

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

1. Owner Florida Power and Light Co. Date 11/25/2004  
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#: 34000318-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

4. Identification of System: Main Steam System #: 72 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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Main Steam Line "C" Isolation bypass valve	N/A	N/A	N/A	MOV-4-1402	N/A	Corrected	N

7. Description of Work:

Replace valve bonnet and bolting

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 996 psig Test Temperature 287.7 deg F

## FORM NIS-2 (Back)

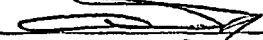
9. Remarks    MECHANICAL CONNECTION, NO WELDING REQUIRED.

### 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  ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-29-05 to 8-19-05 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.

  
Inspector's Signature

Commissions FL 477 (A, G, N, I)  
National Board, State, Providence, and Endorsements

Date 8-19-05

1. Owner	<u>Florida Power and Light Co.</u> Name <u>700 Universe Blvd. Juno Beach, FL 33408</u> Address	Date	<u>7/6/2005</u>
		Sheet	<u>1</u> of <u>2</u>
2. Plant	<u>Turkey Point Plant</u> Name <u>9760 SW 344 Street Florida City, FL 33035</u> Address	Unit	<u>4</u>
		WO#:	<u>35003432-01</u>
		CR#:	<u>N/A</u>
		<u>Repair Organization, P.O. No, Job No., etc.</u>	
3. Work Performed by	<u>Florida Power and Light Co.</u> Name <u>9760 SW 344 Street Florida City, FL 33035</u> Address	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>Residual Heat Removal</u>	System #:	<u>50</u>
		Quality Group	<u>A</u>
5. (a) Applicable Construction Code	<u>B31.1</u>	19 55 Edition,	<u>N/A</u>
		Addenda,	<u>N/A</u>
		Code Case	<u></u>
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements		19 98 Edition,	<u>2000</u>
		Addenda,	<u>N/A</u>
		Code Case	<u></u>

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
RHR Inlet Valve	N/A	N/A	N/A	MOV-4-750	N/A	Corrected	N

### Replace Bolting material

05-060-4

## 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 [Signature] ISI Supervisor Date 8/16/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-6-05 to 8-18-05 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 FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-18-05

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

1. Owner Florida Power and Light Co. Date 7/12/2005  
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#: 34001668-01 CR#: N/A  
 Repair Organization, P.O. No, Job No., etc.

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

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

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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Pressurizer Safety Valve	N/A	H51249-1362	N/A	RV-4-551A	N/A	Removed	N
Pressurizer Safety Valve	N/A	H51249-1579	N/A	RV-4-551A	N/A	Installed	N

7. Description of Work:

Replace Valve with Spare

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 2286 psig Test Temperature 548 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  ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 05-07-05 to 8-17-05 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.

  
Inspector's Signature

Commissions FL 477 (A.C.N.I.)  
National Board, State, Providence, and Endorsements

Date 8.17.05

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

1. Owner Florida Power and Light Co. Date 7/7/2005  
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#: 34001669-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

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

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

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 98 Edition, 2000 Addenda, N/A Code Case

6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Pressurizer Safety Valve	N/A	N6987700 0005	N/A	RV-4-551B	N/A	Removed	N
Pressurizer Safety Valve	N/A	N6987700 0004	N/A	RV-4-551B	N/A	Installed	N

7. Description of Work:

Replace Valve and bolting

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 2286 psig Test Temperature 548 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 [Signature] ISI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-7-05 to 8-17-05 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 FL 477 (B, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8-17-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 7/7/2005  
 Sheet 1 of 2

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

Unit 4  
 WO#: 34001670-01 CR#: N/A  
Repair Organization, P.O. No, Job No., etc.

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Pressurizer Safety Valve	N/A	H51249-1361	N/A	RV-4-551C	N/A	Removed	N
Pressurizer Safety Valve	N/A	H51249-1581	N/A	RV-4-551C	N/A	Installed	N

## 7. Description of Work:

Replace Valve and some bolting

8. Tests Conducted: Hydrostatic: N/A Pneumatic N/A Nominal Operating Pressure X  
 Other N/A Pressure 2286 psig Test Temperature 548 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  1st Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of MAY 19, 05 to AUG 17, 05 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.

  
Inspector's Signature

Commissions FL477(A,C,N,I)  
National Board, State, Providence, and Endorsements

Date 8.17.05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 7/12/2005

Sheet 1 of 2

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

Unit 4

WO#: 35000440-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 A

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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Excess Letdown Thermal Relief Valve	N/A	N/A	N/A	RV-4-304	N/A	Removed	N

## 7. Description of Work:

Remove RV from system, Cap pipe

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

05-064-4

## 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] ISI Supervisor Date 8/17/03  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-29-05 to 8-17-05 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 FL 477 (A, N, C, I)  
National Board, State, Providence, and Endorsements

Date 8-17-05

# **FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

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

Date 7/12/2005

Sheet 1 of 2

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

Unit 4

WO#: 34012046-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4C Reactor Coolant Pump	N/A	N/A	N/A	4P200C	N/A	Corrected	N

## 7. Description of Work:

Replace rotating element including main flange and one stud

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

Other N/A Pressure 2286 psig Test Temperature 548 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 \_\_\_\_\_ 1st Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 4-12-05 to 8-19-05 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.

\_\_\_\_\_  
Inspector's Signature

Commissions FL 477 (A, C, N, E)  
National Board, State, Providence, and Endorsements

Date 8/19/05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 7/12/2005

Sheet 1 of 2

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

Unit 4

WO#: 34012046-02 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
4C Reactor Coolant Pump	N/A	N/A	N/A	4P200C	N/A	corrected	N

## 7. Description of Work:

Reweld/Realign pipe and flange to seal

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

## 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  1SI Supervisor Date 8/17/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-4-05 to 8-18-05 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.

  
Inspector's Signature

Commissions FL 477(A, N, C, I)  
National Board, State, Providence, and Endorsements

Date 8-18-05

# FORM NIS-2 OWNERS REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

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

Date 7/13/2005

Sheet 1 of 2

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

Unit 4

WO#: 34003357-01 CR#: N/A

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

3. Work Performed by Florida Power and Light Co.  
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 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 98 Edition, 2000 Addenda, N/A Code Case

## 6. Identification of Components Corrected or Removed and Installed Components

Name of Component	Name of Mfg	Mfg Serial Number	National Board	Other Identification	Year Built	Corrected, Removed or Installed	ASME Code Stamp Yes/No
Unit 4 Equipment Hatch	N/A	N/A	N/A	4S10	N/A	Corrected	N

## 7. Description of Work:

Replace some bolting material

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

## 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 [Signature] 1st Supervisor Date 8/16/05  
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 HSBCT of Hartford, Connecticut, have inspected the components described in this Owners Report during the period of 5-26-05 to 8-18-05 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 FL 477 (A, C, N, I)  
National Board, State, Providence, and Endorsements

Date 8/18/05