

ATTACHMENT 1

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS,
1987 UNSCHEDULED OUTAGE

8909220152 890915
PDR ADOCK 05000251
Q PDC



FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS
 As required by the Provisions of the ASME Code Rules Page 1 of 15
 =====

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

 (Name and Address of Owner)

2. Plant: TURKEY POINT NUCLEAR POWER PLANT P.O. BOX 3088, FLORIDA
 CITY, FLORIDA 33034

 (Name and address of Plant)

3. Plant Unit: 4

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

5. Commercial Service Date : 7 September 1973

6. National Board Number for Unit: N/A

7. Components Inspected:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NUMBER	STATE OR PROVINCE NUMBER	NATIONAL BOARD NUMBER
REACTOR PRESSURE VESSEL	BABCOCK & WILCOX	610-0116 4PSRV1	N/A	N-161

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

8. EXAMINATION DATES : 10 MARCH 1987 TO 21 SEPTEMBER 1987

9. INSPECTION INTERVAL: 22 FEBRUARY 1984 TO 22 FEBRUARY 1994

a) INSPECTION PERIOD: 22 FEBRUARY 1984 TO 22 FEBRUARY 1987

10. ABSTRACT OF EXAMINATIONS:

The Inservice Examinations (ISI) of selected Class I, components of Florida Power and Light Company's (FPL) Turkey Point Plant (PTN), Unit No. 4, was performed during the unscheduled outage which began on 10 March 1987. These examinations constitute the SECOND OUTAGE of the SECOND INSPECTION Period of Commercial Operation, of the SECOND TEN YEAR INSERVICE INSPECTION INTERVAL.

The components were selected in accordance with the Turkey Point Long-Term Inspection Plan which was prepared to meet the requirements of Section XI of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, "Rules for Inservice Inspection of Nuclear Power Plant Components," 1980 Edition with Addenda through Winter 1981..

Manual Ultrasonic, Liquid Penetrant, Magnetic Particle and Visual techniques were used in the performance of the Inservice Inspection Examinations.

Representative samples of the following components and areas were examined with nondestructive examinations (NDE) techniques.

CLASS I

REACTOR PRESSURE VESSEL	4PSRV1
CLOSURE HEAD	4PSRV1

Following cleaning a detailed Visual examination (VT-1 and VT-3) was conducted in accordance with NDE Procedure No. NDE 4.1 and NDE 4.3.

Additional Magnetic Particle and Ultrasonic examinations were conducted as required to supplement the visual examination results as applicable. Magnetic Particle examinations were conducted in accordance with NDE 2.2 and the Ultrasonic examinations were conducted in accordance with NDE 5.7, 5.10 and 5.14.

The VT-1 Visual examination was conducted to determine the condition of the part, component, or surface examined including such conditions as cracks, wear, erosion, or physical damage on the surfaces of the parts or components.

The VT-3 Visual examination was conducted to determine the general mechanical and structural conditions of the components and their supports, such as the presence of loose parts, debris, or abnormal corrosion products, wear, erosion, corrosion, and the loss of integrity at bolted or welded connections.

Additional Magnetic Particle Examinations were conducted to the extent practical to verify the presence of indications as noted during the visual examinations. These examinations were conducted in accordance with IWB-3130 and IWB-3200 as applicable.

Ultrasonic Examinations were conducted to supplement the visual and magnetic particle examinations. These examinations were conducted in accordance with IWB-3130 and IWB-3200 as applicable.

Prior to Unit startup, Preservice exams were performed as required by the ASME Boiler and Pressure Vessel Code, Section XI, IWA-2200.

11. ABSTRACT OF CONDITIONS NOTED:

Described below by item is a summary of conditions noted during the Unit No. 4 examination activity:

RPV CLOSURE HEAD STUDS

AS FOUND CONDITION IN PLACE UNDER TENSION

Thirty three (33) studs were examined in place by the visual examination method. Of the 33 studs examined Three (3) studs were identified as having wastage of the threaded area above the nuts. These studs were number 24, 25, and 26.

Five (5) RPV Studs no. 23, 24, 25, 26 and 27 were ultrasonically examined from the heater hole. Stud nos 23, 24 and 27 revealed indications at the bottom of the nut, believed to be wastage. Stud nos 25 and 26 had NO RECORDABLE INDICATIONS.

ADDITIONAL SAMPLES

Because of the three (3) studs with indications the sample was expanded to include five more studs no 46, 54, 2, 22 and 28. Of the five studs examined, 28 and 22 revealed the same type of indication as previous recorded in the first sample. Studs 46, 2 and 54 had no indications.

AFTER REMOVAL

Seven (7) studs were Ultrasonically examined after being removed from the RPV. Stud nos 22, 23, 27, and 28 revealed NO RECORDABLE INDICATIONS

Stud nos 24, 25 and 26 was examined after removal from the RPV by the Ultrasonic method. NO INDICATIONS RECORDED OTHER than the areas identified by the Visual method as having wastage.

SUBSTITUTE STUDS

Prior to detension of the closure head three (3) unit no. 3 closure head studs no. 23, 24 and 25 was visually examined prior to installation into the unit 4 RPV. NO INDICATIONS NOTED.

A Magnetic Particle examination was conducted on stud no. 23, 25 and 24. NO REPORTABLE INDICATION NOTED.

A Ultrasonic examination of studs no 24, 25 and 26 was conducted. Stud no. 24 revealed a indication, determined to be planar indication. Evaluated in accordance with Section XI, IWB-3515.2 and determined to be acceptable.

Following removal of stud no. 24, 25 and 23 from the unit 4 RPV a Ultrasonic examination was conducted. NO REPORTABLE INDICATIONS WERE NOTED.

BASELINE EXAMINATIONS

Prior to replacing the Closure Head on the vessel a 100 % Ultrasonic and Magnetic Particle Examination was conducted on stud nos 5 through stud no. 37. NO REPORTABLE INDICATIONS WERE NOTED, with the exception of Studs 24, 25 and 26, as previously discussed above.

RPV CLOSURE HEAD NUTS

AS FOUND CONDITION IN PLACE UNDER TENSION

Thirty three (33) nuts were examined in place by the visual examination method. Of the 33 nuts examined Six (6) nuts were identified as having wastage. These nuts were number 23, 24, 25, 26, 27 and 28.

AFTER REMOVAL

Except for minor rust deposits, no further damage was noted on nut no. 24, 25 and 26 since the last as found visual.

SUBSTITUTE NUTS

Prior to detension of the closure head three (3) unit no. 3 closure head nuts no. 23, 24 and 25 was visually examined prior to installation into the unit 4 RPV. NO INDICATIONS NOTED.

A Magnetic Particle examination was conducted on nut no. 23, 24 and 25. NO REPORTABLE INDICATIONS WERE NOTED. Nut nos 24, 25 and 26 was ultrasonically examined prior to going into unit no. 4. NO INDICATIONS NOTED.

BASELINE EXAMINATIONS

Prior to replacement of the Closure Head on the Vessel a 100 % Magnetic Particle examination was conducted on Nuts no. 5 through Nut no. 37. NO REPORTABLE INDICATIONS WERE NOTED.

RPV CLOSURE HEAD WASHERS (LARGE & SMALL)

AS FOUND CONDITION IN PLACE UNDER TENSION

Sixty six (66) washers, 33 small and 33 large were examined in place by the visual examination method. Of the 66 washers examined 8 were identified as having erosion, (4 small and 4 large). These washers were 24, 25, 26 and 27.

AFTER REMOVAL

Except for minor rust deposits, no further damage to the large and small washers was noted since the as found visual on washers no. 25, 26, 27 and 24.

SUBSTITUTE WASHERS

Prior to detension of the closure head, six (6) unit no. 3 closure head large and small washers, (3) each, nos. 23, 24 and 25 were visually examined prior to installation into the unit 4 RPV. NO INDICATIONS NOTED.

BASELINE EXAMINATIONS

Prior to replacing the Closure Head back on the Vessel a 100 % Visual VT-1 examination was conducted on both the small and large washers from no. 5 through no. 37.

RPV CLOSURE HEAD BASE MATERIAL

AS FOUND CONDITION

Two areas were identified during the visual examination as having some wastage.

- (1) The base metal around the LEAKING CONOSEAL PENETRATION (4-CS-53) was noted as having an area approximately 8 1/2" long by 1 1/4" at the widest part, with depth of wastage to be 1/4", 1/8", 1/16". There was also some wastage noted in the gap between the closure head and the conoseal. MCI-NCR-87-01 was submitted to engineering for surface preparation requirements prior to follow-up magnetic particle and ultrasonic thickness examinations.
- (2) The Closure Head Flange surface showed evidence of wastage between stud hole 25 and 24, and 24 and 23. Each area had an approximate depth of 1/16" at the deepest point. MCI-NCR-87-02 was submitted to engineering for surface preparation requirements prior to performing magnetic particle examinations.

After insulation removal a Visual (VT-1) examination was conducted on the closure head base metal to determine if any wastage exists other than those already noted. Two additional areas were noted:

1. A 2 inch by 1/2" and approximately .1" depth right below the leaking conoseal. This area was included within the initial visual examination data.

2. Two (2) areas were noted near the support lug:
 - a. A 1" by 7" area
 - b. A 1" round area.
3. In addition to the above areas, A suspect area was identified as being an 18" area running from the Conoseal penetration to the closure head flange surface.

BASELINE EXAMINATIONS

Prior to return to service a magnetic particle examination of the damaged area and a continuous ultrasonic thickness measurement was performed.

CONOSEAL (MALE CONNECTIONS)

REMOVED FROM CONOSEAL

Following removal of the conoseal parts from the RPV Head, a visual examination of the following parts was conducted.

All parts had evidence of boric acid accumulation and or residue Identified below by item are the results of the exams.

SPLIT RING - Boric acid residue

CLAMP - The O. D. surface have corrosion and pitting. The inside surface has major wastage.

JACK SCREWS - All bolts have pits and corrosion One (1) stud has wastage on the shank.

FLANGE CONNECTION - boric acid residue on parts.

LOWER GASKET - scratch, crimped area and nicks on edge.

UPPER GASKET - severely bent and deformed.

SEAL WELD RING - broken in half, minor dents and nicks, and edges are bent in several locations.

HEAD PORT ADAPTER - Two dents on female end, Two (2) linear indications, gouges and nicks.

SHROUD SUPPORT LUG

AS FOUND CONDITION

During the Visual (VT-3) examination of the shroud support lug Heavy wastage of the support bracket was noted.

The as left configuration of the shroud support lug was documented by sketches.

CLOSURE HEAD LIFTING LUG

AS FOUND CONDITION

No recordable indications were noted, other than boric acid build-up around lug.

FOLLOWING CLEANING

Prior to head lift and after cleaning of the lifting lug a Magnetic Particle examination was conducted of the welded lug attachment to the closure head and the surrounding base metal. NO RECORDABLE INDICATIONS WERE NOTED.

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN:

All indications noted were evaluated in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI (where acceptance criteria exists). All indications exceeding the acceptance criteria were included in a nonconformance report and submitted to engineering for evaluation.

12.1 RPV CLOSURE HEAD STUDS

12.1.1 REPLACEMENT

Studs nos 22, 23, 24, 25, 26, 27 and 28 were replaced in accordance with IWB-7000 prior to the units return to service.

12.1.2 UNIQUE IDENTIFICATION

Prior to placement of the new studs in the closure head, each stud was stamped to conform with the stud hole location as follows:

MFG. S/N	NEW ID NO.	NOTE: THE "R" AFTER THE ID NO, STANDS FOR REPLACEMENT
D12	22R	
B7	23R	
D14	24R	
C10	25R	
A3	26R	
B8	27R	
A1	28R	

12.1.3 PRESERVICE EXAMINATIONS

Each stud received a preservice examination that included a Visual VT-1, Magnetic Particle and Manual Ultrasonic examination from the ID surface of the Heater Hole. No Indications Were Noted.

12.2 RPV CLOSURE HEAD NUTS

12.2.1 REPLACEMENT

Nuts no. 22 through 28 were replaced in accordance with IWB-7000 prior to the units return to service.

12.2.2 UNIQUE IDENTIFICATION

Prior to placement of the new nuts in the closure head, each nut was stamped with the hole number as follows:

NEW MFG #	NEW NUT #	NOTE: AN " R " WAS ADDED TO IDENTIFY A REPLACEMENT
E13	22R	
E1	23R	
E14	24R	
E10	25R	
E8	26R	
E15	27R	
E7	28R	

12.2.3 PRESERVICE EXAMINATION

Each nut received a preservice examination that consisted of a Visual VT-1, a Magnetic Particle and Ultrasonic examination. The UT exam was conducted from the outside surface. No Indications Noted.

12.3 RPV CLOSURE HEAD WASHERS (LARGE & SMALL)

12.3.1 REPLACEMENT

Washers (Large and Small) numbers 22 through 28 were replaced in accordance with IWB-7000 prior to the units return to service.

12.3.2 UNIQUE IDENTIFICATION

Prior to placement of the washers in to the closure head, each washer was stamped with a number to conform with the stud hole location as follows:

NEW MFG #	NEW WASHER #	NOTE: THE " R " WAS INCLUDED TO SIGNIFY A REPLACEMENT
LW H3H	22R	
H2F	23R	
H4K	24R	
H5O	25R	
H4L	26R	
H1B	27R	
H5P	28R	
SW K2H	22R	
K2F	23R	
K3K	24R	
K4O	25R	
K3L	26R	
K1B	27R	
K4P	28R	

12.3.3 PRESERVICE EXAMINATION

Prior to placement of the new washers in the closure head a preservice examination consisting of a Visual VT-1 examination was conducted. No Indications Noted.

12.4 RPV CLOSURE HEAD BASE METAL

12.4.1 CONOSEAL PENETRATION

The area with wastage was magnetic particle examined no indications noted. A ultrasonic thickness measurement of the area was performed. All areas of wastage did not exceed the acceptance criteria for min. wall.

12.4.2 CLOSURE HEAD FLANGE SURFACE

The areas noted were magnetic particle examined and no indications noted. The depth of the wastage did not exceed the min. wall acceptance criteria.

12.4.3 BASELINE EXAMINATIONS

The above areas were acceptable by examination, no further action required.

12.5 CONOSEAL

12.5.1 REPLACEMENT

The Instrument port column female flange was replaced by Westinghouse on the leaking Conoseal penetration number 53.

12.5.2 IDENTIFICATION

The upper female flange to head adapter seal weld identified as 4-CS-02 was cut out and replaced.

12.5.3 PRESERVICE EXAMINATION

Prior to return to service, The upper female flange to head adapter seal weld was visual and liquid penetrant examined after replacement. No Indications Noted.

12.6 SHROUD SUPPORT LUG

Prior to return to service, The Shroud Support Lug was repaired. The repair was in accordance with IWB-4000.

12.6.1 REPAIR

The repair consisted of cutting the remaining lug off at the top of the weld and rewelding a new segment to the existing remnant piece.

12.6.2 PRESERVICE EXAMINATION

Prior to the units return to service a magnetic particle examination was conducted. No Indications noted.

12.7 CLOSURE HEAD LIFTING LUG

A Visual VT-3 examination was conducted of the lug in the as found condition. After cleaning a magnetic Particle examination was conducted. No Indications Noted.

12.7.1 USE AS IS

In accordance with IWB-3122.1 the examination performed are acceptable for continued service.

12.7.2 BASELINE EXAMINATIONS

The magnetic Particle examinations serves as a baseline examination.

12.8 PREVIOUS EXAMINATIONS

All recorded indications were verified against previous examination documentation. Attached within the Final Report are the examination documentation for the studs, nuts, and washers, from the PSI and subsequent ISIs.

OUTAGES	YEAR
PRESERVICE EXAMINATIONS	1972
FIRST ISI	1976
SECOND ISI	1979
THIRD ISI	1982
FORTH ISI	1984
FIFTH ISI	1986

Components whose visual examination reveals surface flaw indications are deemed unacceptable for service unless the results of a supplemental surface or volumetric examination satisfy the requirements as stated above.

All Visual examinations during the as found activity was compared against the corrective measures identified in IWA-5250 (b), which states the following: The detection of boric acid residues on ferritic steel components shall require the location of the leakage source and the areas of a general corrosion that reduce the wall thickness by more than 10% shall be evaluated to determine whether the component may be acceptable for continued service or repair or replacement is required.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

OWNER: FLORIDA POWER and LIGHT COMPANY
DATE: 8/30/89 SIGNED BY: [Signature]

CERTIFICATE OF AUTHORIZATION NO. (IF APPLICABLE) N/A
EXPIRATION DATE: N/A

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Dade County, Florida and employed by ARKWRIGHT MUTUAL INSURANCE COMPANY of NORWOOD, MASSACHUSETTS have inspected the components described in this OWNERS' Data Report during the period 3/10/87 to 9/21/87, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date: 8/30 1989

FACTORY MUTUAL SYSTEM

[Signature]
Inspector's Signature

COMMISSION NO. 4956 (N) (I)
National Board, State, Province and NO

SUPPLEMENTAL SHEET NIS-1

1. OWNER: FLORIDA POWER and LIGHT COMPANY
700 UNIVERSE BLVD.
JUNO BEACH, FLORIDA
2. PLANT: TURKEY POINT NUCLEAR POWER PLANT
P.O. BOX 029100
MIAMI, FLORIDA
3. PLANT UNIT: 4
4. OWNERS CERTIFICATE OF AUTHORIZATION: N/A
5. COMMERCIAL SERVICE DATE: 7 September 1973
6. NATIONAL BOARD NUMBER FOR UNIT: N/A

10. REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
L-87-186	FP&L	REPORT ON INSTRUMENTATION PORT COLUMN ASSEMBLY LEAKAGE
MP 2.7.1/FLA-4	WESTINGHOUSE	CHANGEOUT OF INSTRUMENT PORT COLUMN FEMALE FLANGE AT TURKEY POINT UNIT 4
SLA-033187-1	WESTINGHOUSE	EVALUATION OF MINIMUM PENETRATION REINFORCEMENT
51-1168371-00	BABCOCK & WILCOX	SHROUD SUPPORT SEGMENT & SUPPORT LUG INSTALLATION GUIDELINES
RB870320	WESTINGHOUSE	RV STUD FAILURE SEQUENCE EVALUATION
51-1168363-01	BABCOCK & WILCOX	TURKEY POINT REACTOR VESSEL STUD REPLACEMENT

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

- =====
1. OWNER: Florida Power & Light Co. DATE: 15 MARCH 1989
 ADDRESS: 700 Universe Blvd.
 Juno Beach, Florida SHEET 1 OF 4
 33408
 2. PLANT: Turkey Point Plant UNIT: 4
 ADDRESS: P.O. Box 3088
 Florida City, Florida WESTINGHOUSE ELECTRIC
 33034 (REPAIR ORGANIZATION)
 P.O. 93099-76897
 (P.O. NO. JOB NO., etc.)
 3. WORK Florida Power & Light TYPE CODE SYMBOL STAMP:N/A
 PERFORMED AUTHORIZATION NO. : N/A
 BY: EXPIRATION DATE: N/A
 4. IDENTIFICATION OF SYSTEM: Reactor Coolant System
 5. (a) APPLICABLE CONSTRUCTION CODE: Section III, 1983 Edition
 through Summer 1984 Addenda
 Regulatory Guide 1.65 October 1973
 - (b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIR OR
 REPLACEMENT 1980 Edition through Winter 1981 Addenda
 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED AND
 REPLACEMENT COMPONENTS

NAME OF COMP	NAME OF MANFG	MFG. SERIAL NUMBER	NAT'L BOARD NO.	OTHER IDENT	YEAR BUILT	REPAIRED, REPLACED, REPLACEMENT	ASME CODE STAMPED YES/ NO
REACTOR PRESSURE VESSEL	BABCOCK AND WILCOX	610-0110	N-161	4PSRV1	1970	REPLACEMENT	YES

7. DESCRIPTION OF WORK:
 Replace existing Reactor Pressure Vessel Closure Head studs,
 nuts, large and small washers numbers 22 through 28.
 Replaced original material SA-320 L43 with SA-540 Grade B24
 class 3.

8. TEST CONDUCTED: HYDROSTATIC [X] PNEUMATIC []
 NORMAL OPERATING PRESSURE [] OTHER []
 PRESSURE: 2335 PSIG TEST TEMPERATURE: 547 DEGREES F
 NOTE: Test conducted during RCS overpressure test

9. REMARKS: B&W performed suitability of replacement evaluation document no. 51-1168363-01.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp: N/A
 Certificate of Authorization No.: N/A Expiration Date: N/A
 Signed [Signature] Date 8/30, 1989
OWNER OR OWNERS' DESIGNEE, TITLE

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of DADE COUNTY, FLORIDA and employed by ARKWRIGHT MUTUAL INSURANCE COMPANY of NORWOOD, MASSACHUSETTS have inspected the components described in this Owners' Report during period MAR. 10, 1987 to Sept. 21, 1987 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 the ASME Code, Section XI.

By signing this certification 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 loss of any kind arising from or connected with this inspection.

[Signature]
 INSPECTOR'S SIGNATURE

COMMISSION NUMBER: 4956 (N) (I)
 (NATIONAL BOARD, STATE, PROVINCE
 and ENDORSEMENTS)

DATE: August 30 19 89

FORM NIS-2 OWNERS' REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI
CONTINUATION SHEET

- =====
1. OWNER: Florida Power & Light Co. DATE: 16 MARCH 1989
 ADDRESS: 700 Universe Blvd.
 Juno Beach, Florida 33408 SHEET 3 OF 4
2. PLANT: Turkey Point Plant UNIT: 4
 ADDRESS: P.O. Box 3088 P.O. 93099-76897
 Florida City, Florida 33034 WESTINGHOUSE ELECTRIC
 (REPAIR ORGANIZATION P.O. NO.,
 JOB NO., etc.)
3. WORK Florida Power & Light TYPE CODE SYMBOL STAMP: N/A
 PERFORMED AUTHORIZATION NO. : N/A
 BY: EXPIRATION DATE: N/A
4. IDENTIFICATION OF SYSTEM: Reactor Coolant System
5. (a) APPLICABLE CONSTRUCTION CODE: Section III, 1983 Edition
 through Summer 1984 Addenda
 Regulatory Guide 1.65 October 1973
- (b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIR OR
 REPLACEMENT 1980 Edition through Winter 1981 Addenda
6. IDENTIFICATION OF PARTS OR ITEMS REPAIRED OR REPLACED AND
 REPLACEMENT COMPONENTS

SUPPLEMENTAL INFORMATION

NAME OF AFFECTED PART	NAME OF MANUFACTURER	MANUFACTURER SERIAL NUMBER	ISI PROGRAM IDENT. NUMBER	REPAIRED, REPLACED, REPLACEMENT
RPV STUDS	PMC INDUSTRIES	117894E ITEM 62	4-CH-S22R THRU 4-CH-S28R	REPLACEMENT
RPV NUTS	PMC INDUSTRIES	117894E ITEM 63	4-CH-N22R THRU 4-CH-N28R	REPLACEMENT
RPV LARGE WASHER	PMC INDUSTRIES	117894E ITEM 64	4-CH-LW22R THRU 4-CH-LW28R	REPLACEMENT
RPV SMALL WASHER	PMC INDUSTRIES	117894E ITEM 65	4-CH-SW22R THRU 4-CH-SW28R	REPLACEMENT

FORM NIS-2 OWNERS' REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI
CONTINUATION SHEET

- =====
1. OWNER: Florida Power & Light Co. DATE: 16 MARCH 1989
ADDRESS: 700 Universe Blvd.
Juno Beach, Florida SHEET 4 OF 4
33408
 2. PLANT: Turkey Point Plant UNIT: 4
ADDRESS: P.o. Box 3088
Florida City, Florida WESTINGHOUSE ELECTRIC
(REPAIR ORGANIZATION P.O. NO.,
JOB NO., etc.)
 3. WORK Westinghouse Electric Corp TYPE CODE SYMBOL STAMP: N/A
PERFORMED Pittsburgh, Penn. AUTHORIZATION NO. : N/A
BY: 15230 EXPIRATION DATE: N/A
 4. IDENTIFICATION OF SYSTEM: Reactor Coolant System
 5. (a) APPLICABLE CONSTRUCTION CODE: SECTION III 1977 EDITION
THROUGH SUMMER 1978 ADDENDA
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIR OR
REPLACEMENT 1980 EDITION THROUGH WINTER 1981 ADDENDA
 6. IDENTIFICATION OF PARTS OR ITEMS REPAIRED OR REPLACED AND
REPLACEMENT PARTS OR ITEMS

SUPPLEMENTAL INFORMATION

NAME OF AFFECTED PART	NAME OF MANUFACTURER	MANUFACTURER SERIAL NUMBER	ISI PROGRAM IDENT. NUMBER	REPAIRED, REPLACED, REPLACEMENT
INST. PORT COLUMN FEMALE FLANGE	WESTINGHOUSE ELECTRIC CORPORATION	P87-3210 S/N C42304	4-CS-53	REPLACEMENT

7. DESCRIPTION OF WORK:

Westinghouse performed replacement of Instrument Port Column
Female Flange under document MP 2.7.1/FLA-4.
Y-INSERT QR-7949 HEAT NUMBER S468433
FEMALE FLANGE HEAT NUMBER 646876, DRAWING NUMBER 6121E91
CUSTOMER ORDER: C 93099-37284

DATE: 07/07/89
REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 2 (1987), FIRST PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

PAGE: 1

REACTOR PRESSURE VESSEL

ZONE NUMBER: 001		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	
<u>4PSRV1 REF. DWG. NO. 004-V1</u>							
007500	4-LIG-24 FLANGE LIGAMENT AREA 58' LEVEL	B-G-1 B6.40	VT-3 VT-3	PRECLEAN 4.3-6 AFTER 4.3-6	C C	C 4-27-87 PIT @ EDGE OF COUNTERBORE, BORON DEPOSITS, SLIGHT WASTAGE, SEE VIDEO TAPE W-9: **UT-14**	
007600	4-LIG-25 FLANGE LIGAMENT AREA 58' LEVEL	B-G-1 B6.40	VT-3 VT-3	PRECLEAN 4.3-6 AFTER 4.3-6	C C	C 4-27-87 TOP TEN THREADS EXHIBIT CORROSION DEPOSITS, SLIGHT PITTING, SEE VIDEO TAPE W-7: AFTER CLEANING SEE VIDEO TAPE W-8: **UT-14**	
007700	4-LIG-26 FLANGE LIGAMENT AREA 58' LEVEL	B-G-1 B6.40	VT-3 VT-3	PRECLEAN 4.3-6 AFTER 4.3-6	C C	C 4-27-87 RUST, BORON DEPOSITS, MINOR WASTAGE @ EDGE OF COUNTERBORE AND FIRST THREAD, FOR AFTER CLEANING SEE VIDEO TAPE W-10: **UT-14**	

DATE: 07/07/89
REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 2 (1987), FIRST PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

PAGE: 2

RPV CLOSURE HEAD

ZONE NUMBER: 002		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
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REF. DWG. NO. 004-V2

011800	4-WH-12	B-A	MT	NDE 2.2-5	C C	4-10-87 MT COMPLETE EXAM FROM STUD HOLE
	FLANGE TO DOME WELD	B1.40	UT 0 MT'L	NDE 5.14-1	C	5 TO STUD HOLE 37: 0 MT'L 18" AREA FROM
	58' LEVEL		UT 0 WRV	NDE 5.14-2	C	CONOSEAL TO FLANGE T=7.0": 4-10-87 UT
			UT 45 AX	NDE 5.14-3	C	COMPLETE
			UT 45 CIRC	NDE 5.14-3	C	**UT-2**
			UT 60 AX	NDE 5.14-4	C	
			UT 60 CIRC	NDE 5.14-4	C	
			VT-1	NDE 4.1-9	C	
012200	4-FS-4	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					**N/A**
012300	4-FS-5	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					**N/A**
012400	4-FS-6	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					**N/A**
012500	4-FS-7	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					**N/A**
012600	4-FS-8	B-A	VT-1	NDE 4.4-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					**N/A**

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012700	4-FS-9 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
012800	4-FS-10 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
012900	4-FS-11 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013000	4-FS-12 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013100	4-FS-13 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013200	4-FS-14 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013300	4-FS-15 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**

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013400	4-FS-16 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013500	4-FS-17 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013600	4-FS-18 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013700	4-FS-19 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013800	4-FS-20 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
013900	4-FS-21 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
014000	4-FS-22 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**

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014800	4-FS-30	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

014900	4-FS-31	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

015000	4-FS-32	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

015100	4-FS-33	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

015200	4-FS-34	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

015300	4-FS-35	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

015400	4-FS-36	B-A	VT-1	NDE 4.1-9	C C	87 - COMPLETE
	OUTSIDE FLANGE SURFACE	B1.40	MT			
	58' LEVEL					

***N/A**

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015500	4-FS-37 OUTSIDE FLANGE SURFACE 58' LEVEL	B-A B1.40	VT-1 MT	NDE 4.1-9	C C	87 - COMPLETE **N/A**
018000	4-FF-H4 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
018100	4-FF-H5 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
018200	4-FF-H6 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
018300	4-FF-H7 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
018400	4-FF-H8 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
018500	4-FF-H9 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**

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018600	4-FF-H10 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**
018700	4-FF-H11 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**
018800	4-FF-H12 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**
018900	4-FF-H13 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**
019000	4-FF-H14 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**
019100	4-FF-H15 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**
019200	4-FF-H16 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C		3-19-87 COMPLETE **N/A**

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019300	4-FF-H17 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
019400	4-FF-H18 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
019500	4-FF-H19 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
019600	4-FF-H20 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
019700	4-FF-H21 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
019800	4-FF-H22 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**
019900	4-FF-H23 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE **N/A**

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020000	4-FF-H24 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						
020100	4-FF-H25 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						
020200	4-FF-H26 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						
020300	4-FF-H27 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						
020400	4-FF-H28 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						
020500	4-FF-H29 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						
020600	4-FF-H30 FLANGE FACE SURFACE ON HEAD 58' LEVEL	B-A B1.40	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
N/A						

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020700	4-FF-H31	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

020800	4-FF-H32	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

020900	4-FF-H33	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

021000	4-FF-H34	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

021100	4-FF-H35	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

021200	4-FF-H36	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

021300	4-FF-H37	B-A	VT-1	NDE 4.1-11	C C	3-19-87 COMPLETE
	FLANGE FACE SURFACE ON HEAD	B1.40				
	58' LEVEL					

***N/A**

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<u>62-116-14 REF. DWG. NO. 004-V2</u>							
023900	4-CH-S-5	B-G-1	VT-1	NDE 4.1-1	C	C	87 - PERFORMED AS FOUND AND PRIOR TO PRE
	RPV STUDS	B6.30	VT-1	NDE 4.1-41		C	CLEAN VISUALS, NCR MCI 87-04 (87-0100),
	58' LEVEL		MT	NDE 2.2-6		C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-6		C	
							UT-11
<u>62-116-16 REF. DWG. NO. 004-V2</u>							
024000	4-CH-S-6	B-G-1	VT-1	NDE 4.1-1	C	C	87 - AS FOUND AND PRIOR TO PRE CLEAN
	RPV STUDS	B6.30	VT-1	NDE 4.1-41		C	VISUALS PERFORMED, 100% UT AND MT
	58' LEVEL		MT	NDE 2.2-6		C	PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-6		C	
							UT-11
<u>62-116-17 REF. DWG. NO. 004-V2</u>							
024100	4-CH-S-7	B-G-1	VT-1	NDE 4.1-1	C	C	87 - AS FOUND AND PRIOR TO CLEAN
	RPV STUDS	B6.30	VT-1	NDE 4.1-41		C	VISUAL PERFORMED. 100% MT AND UT
	58' LEVEL		MT	NDE 2.2-6		C	PERFORMED AFTER REMOVAL
			UT 60 DEG	NDE 5.7-6		C	
							UT-11
<u>62-116-19 REF. DWG. NO. 004-V2</u>							
024200	4-CH-S-8	B-G-1	VT-1	NDE 4.1-1	C	C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-41		C	VISUAL PERFORMED, 100% UT AND MT
	58' LEVEL		MT	NDE 2.2-6		C	PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-6		C	
							UT-11
<u>62-116-23 SCRAPPED S-2 REF. DWG. NO. 004-V2</u>							
024300	4-CH-S-9	B-G-1	VT-1	NDE 4.1-1	C	C	87 - AS FOUND VISUAL PERFORMED, VISUAL
	RPV STUDS	B6.30	VT-1	NDE 4.1-36		C	PRIOR TO CLEAN (LIGHT SURFACE RU7ST),
	58' LEVEL		MT	NDE 2.2-13		C	100% UT AND MT PERFORMED AFTER
			UT 60 DEG	NDE 5.7-9		C	REMOVAL.
							UT-11

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62-116-25 REF. DWG. NO. 004-V2

024400	4-CH-S-10	B-G-1	VT-1	NDE 4.1-1	C C	87 - VISUAL EXAMS IN THE AS FOUND AND
	RPV STUDS	B6.30	VT-1	NDE 4.1-36	C	PRIOR TO CLEANING (LIGHT SURFACE RUST).
	58' LEVEL		MT	NDE 2.2-9	C	100% UT & MT AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-9	C	
						UT-11

62-116-26 REF. DWG. NO. 004-V2

024500	4-CH-S-11	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-36	C	VISUAL PERFORMED (LIGHT SURFACE RUST).
	58' LEVEL		MT	NDE 2.2-9	C	100% UT AND MT PERFORMED AFTER
			UT 60 DEG	NDE 5.7-9	C	REMOVAL
						UT-11

62-116-28 REF. DWG. NO. 004-V2

024600	4-CH-S-12	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-42	C	VISUAL PERFORMED (LIGHT OXIDATION).
	58' LEVEL		MT	NDE 2.2-13	C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-9	C	
						UT-11

62-116-29 REF. DWG. NO. 004-V2

024700	4-CH-S-13	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-42	C	VISUALS PERFORMED (LIGHT OXIDATION).
	58' LEVEL		MT	NDE 2.2-13	C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-9	C	
						UT-11

62-116-31 REF. DWG. NO. 004-V2

024800	4-CH-S-14	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-36	C	VISUALS PERFORMED (LIGHT SURFACE RUST).
	58' LEVEL		MT	NDE 2.2-13	C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-9	C	
						UT-11

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024900	4-CH-S-15	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-36	C	VISUALS PERFORMED (LIGHT SURFACE
	58' LEVEL		MT	NDE 2.2-13	C	RUST). 100% UT AND
			UT 60 DEG	NDE 5.7-9	C	MT PERFORMED AFTER REMOVAL.
						UT-11

62-116-34 REF. DWG. NO. 004-V2

025000	4-CH-S-16	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-36	C	VISUAL PERFORMED (LIGHT SURFACE RUST).
	58' LEVEL		MT	NDE 2.2-13	C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-9	C	
						UT-11

62-116-38 REF. DWG. NO. 004-V2

025100	4-CH-S-17	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-36	C	VISUAL PERFORMED (LIGHT SURFACE RUST).
	58' LEVEL		MT	NDE 2.2-13	C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-9	C	
						UT-11

62-116-43 REF. DWG. NO. 004-V2

025200	4-CH-S-18	B-G-1	VT-1	NDE 4.1-1	C C	87 -AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-29	C	VISUALS PERFORMED. 100% UT AND MT
	58' LEVEL		MT	NDE 2.2-11	C	PERFORMED AFTER REMOVAL.
			UT 60 DEG	NDE 5.7-10	C	
						UT-11

62-116-44 REF. DWG. NO. 004-V2

025300	4-CH-S-19	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRIOR TO CLEANING
	RPV STUDS	B6.30	VT-1	NDE 4.1-32	C	VISUALS PERFORMED (BORIC ACID RESIDUE).
	58' LEVEL		MT	NDE 2.2-12	C	100% UT AND MT PERFORMED AFTER REMOVAL.
			UT.60 DEG	NDE 5.7-11	C	
						UT-11

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ZONE NUMBER: 002		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I ' O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<hr/>						
<u>62-116-46 REF. DWG. NO. 004-V2</u>						
025400	4-CH-S-20	B-G-1	VT-1	NDE 4.1-1	C C	87 - AS FOUND AND PRE CLEANING VISUALS PERFORMED (BORIC ACID RESIDUE). 100% UT AND MT PERFORMED AFTER REMOVAL. **UT-11**
	RPV STUDS	B6.30	VT-1	NDE 4.1-32	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 60 DEG	NDE 5.7-11	C	
<u>62-116-49 REF. DWG. NO. 004-V2</u>						
025500	4-CH-S-21	B-G-1	VT-1	NDE 4.1-1	C C	87 -AS FOUND AND PRIOR TO CLEANING VISUALS PERFORMED (BORIC ACID RESIDUE). 100% UT AND MT PERFORMED AFTER REMOVAL. **UT-11**
	RPV STUDS	B6.30	VT-1	NDE 4.1-32	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 60 DEG	NDE 5.7-11	C	
<u>62-116-50 REF. DWG. NO. 004-V2</u>						
025600	4-CH-S-22	B-G-1	VT-1	NDE 4.1-1	C C	3-21-87 ONE CRACK LIKE IND. IN BACK OF STUD @ BOTTOM OF NUT. RUNS APPROX 45 DEG CIRC. IN PLACE EXAM.4-2-87 SCANNED UPPER THREADED AREA ONLY. INDICATION DETERMINED TO BE CAUSED BY THE BORIC ACID. **UT-11**
	RPV STUDS	B6.30	VT-1	NDE 4.1-32	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 60 DEG	NDE 5.7-2	C	
			UT 60 DEG	NDE 5.7-4	C	
			UT 60 DEG	NDE 5.7-11	C	
025601	4-CH-S-22R	B-G-1	VT-1	NDE 4.1-48	C C	87 - BASELINE **UT-11**
	RPV STUDS	B6.30	MT	NDE 2.2-14	C	
	58' LEVEL		UT 60	NDE 5.7-12	C	
<u>62-116-61 REF. DWG. NO. 004-V2</u>						
025700	4-CH-S-23	B-G-1	VT-1	NDE 4.1-1	C C	3-20-87 100% DAC IND. @ BOTTOM OF NUT. IN PLACE EXAM. 3-21-87 REEXAM UPPER HALF ONLY, CRACK LIKE 360 DEG . LOCATED BOTTOM OF NUT & AT JOINT BETWEEN WASHERS & FLANGE. 4-2-87 SCANNED UPPER THREADED AREA ONLY. DETERMINED TO BE CAUSED BY THE BORIC ACID. **UT-11**
	RPV STUDS	B6.30	MT	NDE 2.2-12	C	
	58' LEVEL		UT 60 DEG	NDE 5.7-1	C	
			UT 60 DEG	NDE 5.7-4	C	
			VT-1	NDE 4.1-32	C	
			UT 60 DEG	NDE 5.7-2	C	
			UT 60 DEG	NDE 5.7-11	C	
			MT	NDE 2.2-1	C	
			VT-1	NDE 4.1-12	C	

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		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY		T R S E H	
NUMBER IDENTIFICATION		ITEM NO		A E I O E	
		METHOD		T C G M R	
		PROCEDURE			

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ZONE NUMBER: 002		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
<u>62-116-66 REF. DWG. NO. 004-V2</u>						
026000	4-CH-S-26	B-G-1	VT-1	NDE 4.1-1	C	C 3-19-87, 360 DEG. THREAD WASTAGE ABOVE
	RPV STUDS	B6.30	VT-1	NDE 4.1-21		C NUT. 4-4-87 SAME AS ASFOUND REMOVED.
	58' LEVEL		UT 60 DEG	NDE 5.7-1		C 3-20-87 IN PLACE ON HEAD 4-4-87 REMOVED
			UT 60 DEG	NDE 5.7-5	C	FROM HEAD.
						UT-11
<u>62-116-50 REF. DWG. NO. 004-V2</u>						
026001	4-CH-S-26R	B-G-1	VT-1	NDE 4.1-48	C C	87 - BASELINE
	RPV STUDS	B6.30	MT	NDE 2.2-14	C	
	58' LEVEL		UT 60	NDE 5.7-12	C	
						UT-11
<u>62-116-68 REF. DWG. NO. 004-V2</u>						
026100	4-CH-S-27	B-G-1	VT-1	NDE 4.1-1	C C	3-19-87 AS FOUND IN PLACE. 3-20-87 CRACK
	RPV STUDS	B6.30	UT 60 DEG	NDE 5.7-1		C LIKE IN BACK OF STUD @ THE BOTTOM ON NUT
	58' LEVEL		UT 60 DEG	NDE 5.7-4		C RUNNING 45 DEG. CIR 4-2-87 SCANNED UPPER
			MT	NDE 2.2-10	C	HALF THREADED AREA ONLY. REMOVED AND
			VT-1	NDE 4.1-27	C	EXAMINED 100% MT & UT.
			UT 60 DEG	NDE 5.7-2	C	**UT-11**
			UT 60 DEG	NDE 5.7-8	C	
<u>62-116-50 REF. DWG. NO. 004-V2</u>						
026101	4-CH-S-27R	B-G-1	VT-1	NDE 4.1-48	C C	87 - BASELINE
	RPV STUDS	B6.30	MT	NDE 2.2-14	C	
	58' LEVEL		UT 60	NDE 5.7-12	C	
						UT-11
<u>62-116-70 REF. DWG. NO. 004-V2</u>						
026200	4-CH-S-28	B-G-1	VT-1	NDE 4.1-1	C C	3-19-87 IN PLACE. 3-21-87 CRACK LIKE IND
	RPV STUDS	B6.30	UT 60 DEG	NDE 5.7-2		C IN BACK OF THE STUD @ BOTTOM OF THE NUT.
	58' LEVEL		UT 60 DEG	NDE 5.7-4	C	RUNS APPROXIMATELY 45 DEGREES
			VT-1	NDE 4.1-27		C CIRCUMFERENTIALLY IN PLACE. 4-2-87 STUD
			MT	NDE 2.2-7	C	REMOVED. 100% MT AND UT.
			UT 60 DEG	NDE 5.7-7	C	**UT-11**

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		SEC. XI		T R S E H			
SUMMARY EXAMINATION AREA		CATGY EXAM		A E I O E		REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T	C	G H R

<u>62-116-50 REF. DWG. NO. 004-V2</u>							
026201	4-CH-S-28R	B-G-1	VT-1	NDE 4.1-48	C	C	87 - BASELINE
	RPV STUDS	B6.30	MT	NDE 2.2-14		C	
	58' LEVEL		UT 60	NDE 5.7-12		C	
UT-11							
<u>62-116-71 REF. DWG. NO. 004-V2</u>							
026300	4-CH-S-29	B-G-1	VT-1	NDE 4.1-1	C	X	3-19-87 VT IN PLACE UNDER TENSION, VT
	RPV STUDS	B6.30	VT-1	NDE 4.1-27		X	PRIOR TO CLEANING, 100% MT AND UT
	58' LEVEL		MT	NDE 2.2-7		X	REMOVED.
			UT 60 DEG	NDE 5.7-7		X	
UT-11							
<u>62-116-73 REF. DWG. NO. 004-V2</u>							
026400	4-CH-S-30	B-G-1	VT-1	NDE 4.1-1	C	C	3-19-87 VT IN PLACE UNDER TENSION, VT
	RPV STUDS	B6.30	VT-1	NDE 4.1-27		C	PRIOR TO CLEANING, 100% MT AND
	58' LEVEL		MT	NDE 2.2-7		C	REMOVED.
			UT 60 DEG	NDE 5.7-7		C	
UT-11							
<u>62-116-74 REF. DWG. NO. 004-V2</u>							
026500	4-CH-S-31	B-G-1	VT-1	NDE 4.1-1	C	C	3-19-87 VT IN PLACE UNDER TENSION, VT
	RPV STUDS	B6.30	VT-1	NDE 4.1-27		C	PRIOR TO CLEANING, 100% MT AND UT
	58' LEVEL		MT	NDE 2.2-7		C	REMOVED.
			UT 60 DEG	NDE 5.7-8		C	
UT-11							
<u>62-116-76 REF. DWG. NO. 004-V2</u>							
026600	4-CH-S-32	B-G-1	VT-1	NDE 4.1-1	C	C	3-19-87 VT IN PLACE UNDER TENSION.
	RPV STUDS	B6.30	VT-1	NDE 4.1-27		C	REMOVED VT PRIOR TO CLEANING AND 100%
	58' LEVEL		MT	NDE 2.2-7		C	UT/MT.
			UT 60 DEG	NDE 5.7-8		C	
UT-11							

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		SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM				T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	A E I O E	REMARKS
							CALIBRATION BLOCK
<u>62-116-78 REF. DWG. NO. 004-V2</u>							
026700	4-CH-S-33	B-G-1	VT-1	NDE 4.1-1	C C		3-19-87 VT IN PLACE UNDER TENSION.
	RPV STUDS	B6.30	VT-1	NDE 4.1-27			C REMOVED VT PRIOR TO CLEANING AND 100%
	58' LEVEL		MT	NDE 2.2-7	C		UT/MT.
			UT 60 DEG	NDE 5.7-8	C		
							UT-11
<u>62-116-81 REF. DWG. NO. 004-V2</u>							
026800	4-CH-S-34	B-G-1	VT-1	NDE 4.1-1	C C		3-19-87 VT IN PLACE UNDER TENSION.
	RPV STUDS	B6.30	VT-1	NDE 4.1-27			C REMOVED VT PRIOR TO CLEANING AND 100%
	58' LEVEL		MT	NDE 2.2-7	C		UT/MT.
			UT 60 DEG	NDE 5.7-8	C		
							UT-11
<u>62-116-83 REF. DWG. NO. 004-V2</u>							
026900	4-CH-S-35	B-G-1	VT-1	NDE 4.1-1	C C		3-19-87 VT IN PLACE UNDER TENSION.
	RPV STUDS	B6.30	VT-1	NDE 4.1-27			C REMOVED VT PRIOR TO CLEANING AND 100%
	58' LEVEL		MT	NDE 2.2-7	C		UT/MT.
			UT 60 DEG	NDE 5.7-7	C		
							UT-11
<u>62-116-84 REF. DWG. NO. 004-V2</u>							
027000	4-CH-S-36	B-G-1	VT-1	NDE 4.1-1	C C		3-19-87 VT IN PLACE UNDER TENSION.
	RPV STUDS	B6.30	VT-1	NDE 4.1-34	C		REMOVED VT PRIOR TO CLEANING AND 100%
	58' LEVEL		MT	NDE 2.2-11	C		UT/MT.
			UT 60 DEG	NDE 5.7-10	C		
							UT-11
<u>62-116-85 REF. DWG. NO. 004-V2</u>							
027100	4-CH-S-37	B-G-1	VT-1	NDE 4.1-1	C C		3-19-87 VT IN PLACE UNDER TENSION.
	RPV STUDS	B6.30	VT-1	NDE 4.1-34	C		REMOVED VT PRIOR TO CLEANING AND 100%
	58' LEVEL		MT	NDE 2.2-11	C		UT/MT.
			UT	NDE 5.7-10	C		
							UT-11

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RPV CLOSURE HEAD

ZONE NUMBER: 002		ASME		S O N G T	
		SEC. XI		T R S E H	
SUMMARY EXAMINATION AREA		CATGY EXAM		A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R
REMARKS					
CALIBRATION BLOCK					
REF. DWG. NO. 004-V2					
029700	4-CH-N-5	B-G-1	VT-1	NDE 4.1-2	C C
	RPV NUTS	B6.10	VT-1	NDE 4.1-41	C
	58' LEVEL		MT	NDE 2.2-6	C
			UT 45 DEG	NDE 5.10-2	C
87 -VT IN PLACE AND PRIOR TO CLEANING REMOVED MT AND UT.					
UT-25					
029800	4-CH-N-6	B-G-1	VT-1	NDE 4.1-2	C C
	RPV NUTS	B6.10	VT-1	NDE 4.1-41	C
	58' LEVEL		MT	NDE 2.2-6	C
			UT 45 DEG	NDE 5.10-3	C
UT-25					
029900	4-CH-N-7	B-G-1	VT-1	NDE 4.1-2	C C
	RPV NUTS	B6.10	VT-1	NDE 4.1-41	C
	58' LEVEL		MT	NDE 2.2-6	C
			UT 45 DEG	NDE 5.10-3	C
UT-25					
030000	4-CH-N-8	B-G-1	VT-1	NDE 4.1-2	C C
	RPV NUTS	B6.10	VT-1	NDE 4.1-41	C
	58' LEVEL		MT	NDE 2.2-6	C
			UT 45 DEG	NDE 5.10-3	C
UT-25					
030100	4-CH-N-9	B-G-1	VT-1	NDE 4.1-2	C C
	RPV NUTS	B6.10	VT-1	NDE 4.1-37	C
	58' LEVEL		MT	NDE 2.2-9	C
			UT 45 DEG	NDE 5.10-6	C
UT-25					
030200	4-CH-N-10	B-G-1	VT-1	NDE 4.1-2	C C
	RPV NUTS	B6.10	VT-1	NDE 4.1-37	C
	58' LEVEL		MT	NDE 2.2-9	C
			UT 45 DEG	NDE 5.10-6	C
UT-25					

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ZONE NUMBER: 002	ASME				N I O	
	SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA	CATGY	EXAM			T R S E H	
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-V2

030300	4-CH-N-11	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-37		C
	58' LEVEL		MT	NDE 2.2-9		C
			UT 45 DEG	NDE 5.10-6		C
						UT-25
030400	4-CH-N-12	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-42		C
	58' LEVEL		MT	NDE 2.2-9		C
			UT 45 DEG	NDE 5.10-6		C
						UT-25
030500	4-CH-N-13	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-42		C
	58' LEVEL		MT	NDE 2.2-9		C
			UT 45 DEG	NDE 5.10-6		C
						UT-25
030600	4-CH-N-14	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-37		C
	58' LEVEL		MT	NDE 2.2-9		C
			UT 45 DEG	NDE 5.10-6		C
						UT-25
030700	4-CH-N-15	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-37		C
	58' LEVEL		MT	NDE 2.2-9		C
			UT 45 DEG	NDE 5.10-6		C
						UT-25
030800	4-CH-N-16	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-37		C
	58' LEVEL		MT	NDE 2.2-9		C
			UT 45 DEG	NDE 5.10-6		C
						UT-25

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RPV CLOSURE HEAD

ZONE NUMBER: 002	ASME				N I O	
	SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA	CATGY	EXAM			T R S E H	REMARKS
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E T C G M R	**CALIBRATION BLOCK**

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030900	4-CH-N-17	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-37	C	
	58' LEVEL		MT	NDE 2.2-9	C	
			UT 45 DEG	NDE 5.10-6	C	**UT-25**

031000	4-CH-N-18	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-29	C	
	58' LEVEL		MT	NDE 2.2-11	C	
			UT 45 DEG	NDE 5.10-3	C	**UT-25**

031100	4-CH-N-19	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-40	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 45 DEG	NDE 5.10-4	C	**UT-25**

031200	4-CH-N-20	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-40	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 45 DEG	NDE 5.10-4	C	**UT-25**

031300	4-CH-N-21	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-40	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 45 DEG	NDE 5.10-4	C	**N/A**

031400	4-CH-N-22	B-G-1	VT-1	NDE 4.1-2	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-40	C	
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 45 DEG	NDE 5.10-4	C	**N/A**

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ZONE NUMBER: 002		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM			T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-V2</u>						
031401	4-CH-N-22R	B-G-1	VT-1	NDE 4.1-46	C C	87- REPLACEMENT NUT
	RPV NUTS	B6.10	MT	NDE 2.2-14	C	
	58' LEVEL		UT 45	NDE 5.10-7	C	**UT-25**
031500	4-CH-N-23	B-G-1	VT-1	NDE 4.1-2	C	C 3-19-87 (2) CASTLES ARE ERODED AT APPROX
	RPV NUTS	B6.10	VT-1	NDE 4.1-40	C	210 DEGREES.
	58' LEVEL		MT	NDE 2.2-12	C	
			UT 45 DEG	NDE 5.10-4	C	
			MT	NDE 2.2-1	C	**N/A**
			VT-1	NDE 4.1-12	C	
031501	4-CH-N-23R	B-G-1	VT-1	NDE 4.1-46	C C	87 - BASELINE
	RPV NUTS	B6.10	MT	NDE 2.2-14	C	
	58' LEVEL		UT 45	NDE 5.10-7	C	**UT-25**
031600	4-CH-N-24	B-G-1	VT-1	NDE 4.1-2	C	C 3-19-87 APPROX. 360 DEGREES DEGRADATION
	RPV NUTS	B6.10	VT-1	NDE 4.1-12	C	OF NUT, APPROX 180 DEGREES OF THE NUT
	58' LEVEL		MT	NDE 2.2-3	C	FROM 160 TO 250 DEGREES AROUND IS ERODED
			VT-1	NDE 4.1-22	C	AWAY. 4-4-87 AFTER DETENSIONING SAME AS
						AS FOUND.
						N/A
031601	4-CH-N-24R	B-G-1	VT-1	NDE 4.1-46	C C	87 - BASELINE
	RPV NUTS	B6.10	MT	NDE 2.2-14	C	
	58' LEVEL		UT 45	NDE 5.10-7	C	**UT-25**
031700	4-CH-N-25	B-G-1	VT-1	NDE 4.1-2	C	C 3-19-87 AS FOUND, ENTIRE TOP OF NUT IS
	RPV NUTS	B6.10	VT-1	NDE 4.1-20	C	DEGRADED. 2 CASTLE HEADS ARE ERODED
	58' LEVEL		MT	NDE 2.2-2	C	AWAY. 4-4-87 AFTER DETENSIONING, NO
			VT-1	NDE 4.1-12	C	CHANGE FROM AS FOUND.
						N/A

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	SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA	CATGY	EXAM			T R S E H	
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

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032001	4-CH-N-28R	B-G-1	VT-1	NDE 4.1-46	C C	87 - BASELINE
	RPV NUTS	B6.10	MT	NDE 2.2-14	C	
	58' LEVEL		UT 45	NDE 5.10-7	C	**UT-25**
032100	4-CH-N-29	B-G-1	VT-1	NDE 4.1-3	C C	87 - SURFACE PITTING
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**
032200	4-CH-N-30	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**
032300	4-CH-N-31	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**
032400	4-CH-N-32	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**
032500	4-CH-N-33	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**

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	SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA	CATGY	EXAM			T R S E H	
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-V2

032600	4-CH-N-34	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**
032700	4-CH-N-35	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-30	C	
	58' LEVEL		MT	NDE 2.2-7	C	
			UT 45 DEG	NDE 5.10-5	C	**N/A**
032800	4-CH-N-36	B-G-1	VT-1	NDE 4.1-3	C C	
	RPV NUTS	B6.10	VT-1	NDE 4.1-34	C	
	58' LEVEL		MT	NDE 2.2-11	C	
			UT 45 DEG	NDE 5.10-3	C	**N/A**
032900	4-CH-N-37	B-G-1	VT-1	NDE 4.1-3	C C	87 - COMPLETE
	RPV NUTS	B6.10	MT	NDE 2.2-11	C	
	58' LEVEL		VT-1	NDE 4.1-34	C	
			UT 45 DEG	NDE 5.10-3	C	**N/A**
035400	4-CH-LW-5	B-G-1	VT-1	NDE 4.1-4	C C	
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-35	C	
	58' LEVEL					**N/A**
035500	4-CH-LW-6	B-G-1	VT-1	NDE 4.1-4	C C	
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-35	C	
	58' LEVEL					**N/A**

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		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G M R **CALIBRATION BLOCK**	
<u>REF. DWG. NO. 004-V2</u>					
035600	4-CH-LW-7	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-35	C
	58' LEVEL				**N/A**
035700	4-CH-LW-8	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-35	C
	58' LEVEL				**N/A**
035800	4-CH-LW-9	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-38	C
	58' LEVEL				**N/A**
035900	4-CH-LW-10	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-38	C
	58' LEVEL				**N/A**
036000	4-CH-LW-11	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-38	C
	58' LEVEL				**N/A**
036100	4-CH-LW-12	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-42	C
	58' LEVEL				**N/A**
036200	4-CH-LW-13	B-G-1	VT-1	NDE 4.1-4	C C
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-42	C
	58' LEVEL				**N/A**

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		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

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036300	4-CH-LW-14 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-38	C C C	 **N/A**
036400	4-CH-LW-15 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-38	C C C	 **N/A**
036500	4-CH-LW-16 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-38	C C C	 **N/A**
036600	4-CH-LW-17 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-38	C C C	 **N/A**
036700	4-CH-LW-18 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-1	NDE 4.1-4 NDE 4.1-29 NDE 4.1-33	C C C C	 **N/A**
036800	4-CH-LW-19 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-33	C C C	 **N/A**
036900	4-CH-LW-20 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-33	C C C	 **N/A**

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		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY EXAM			T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	
<u>REF. DWG. NO. 004-V2</u>							
037000	4-CH-LW-21 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-33	C C C		**N/A**
037100	4-CH-LW-22 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-33	C C C		**N/A**
037101	4-CH-LW-22R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C	87 - BASELINE	**N/A**
037200	4-CH-LW-23 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-1	NDE 4.1-4 NDE 4.1-33 NDE 4.1-12	C C C C		**N/A**
037201	4-CH-LW-23R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C	87 - BASELINE	**N/A**
037300	4-CH-LW-24 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-1	NDE 4.1-4 NDE 4.1-22 NDE 4.1-12	C C C	C 3-19-87 - IN PLACE, APPROXIMATELY 360 C DEGREES AROUND WASTAGE. 4-4-87 - REMOVED SAME AS IN PLACE	**N/A**
037301	4-CH-LW-24R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C	87 - BASELINE	**N/A**

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ZONE NUMBER: 002		ASME	N I O						
		SEC. XI	S O N G T						
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H					
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T	C	G M R	REMARKS	
						T	C	G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-V2</u>									
037400	4-CH-LW-25 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-1	NDE 4.1-4 NDE 4.1-20 NDE 4.1-12	C C	C C		3-19-87 - IN PLACE, SLIGHT PITTING @ A APPROX. DEPTH OF 1/16". 4-4-87 - REMOVED SAME AS IN PLACE. **N/A**	
037401	4-CH-LW-25R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C			87 - BASELINE **N/A**	
037500	4-CH-LW-26 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-21	C	C C		3-19-87 - IN PLACE, SLIGHT WASTAGE. 4-4-87 - REMOVED SAME AS IN PLACE, APPROX 9" OF DEGRADATION ON THE EDGE AND APPROX 6" INWARD ON THE TOP FACE OF WASHER, 1/32" DEEP. **N/A**	
037501	4-CH-LW-26R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C			87 - BASELINE **N/A**	
037600	4-CH-LW-27 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-4 NDE 4.1-26	C	C C		3-19-87 - SLIGHT EROSION **N/A**	
037601	4-CH-LW-27R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C			87 - BASELINE **N/A**	
037700	4-CH-LW-28 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C			 **N/A**	

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		SEC. XI		S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
						T C G M R
						CALIBRATION BLOCK
<u>REF. DWG. NO. 004-V2</u>						
037701	4-CH-LW-28R RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-45	C C	87 - BASELINE **N/A**
037800	4-CH-LW-29 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C	87 - COMPLETE **N/A**
037900	4-CH-LW-30 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C	87 - COMPLETE **N/A**
038000	4-CH-LW-31 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C	87 - COMPLETE **N/A**
038100	4-CH-LW-32 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C	87 - COMPLETE **N/A**
038200	4-CH-LW-33 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C	87 - COMPLETE **N/A**
038300	4-CH-LW-34 RPV LARGE WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-5 NDE 4.1-26	C C C	87 - COMPLETE **N/A**

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SUMMARY EXAMINATION AREA NUMBER IDENTIFICATION					

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038400	4-CH-LW-35	B-G-1	VT-1	NDE 4.1-5	C C	87 - COMPLETE
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-26	C	
	58' LEVEL					

N/A

038500	4-CH-LW-36	B-G-1	VT-1	NDE 4.1-5	C C	87 - COMPLETE
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-34	C	
	58' LEVEL					

N/A

038600	4-CH-LW-37	B-G-1	VT-1	NDE 4.1-5	C C	87 - COMPLETE
	RPV LARGE WASHERS	B6.50	VT-1	NDE 4.1-34	C	
	58' LEVEL					

N/A

041200	4-CH-SW-5	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-35	C	
	58' LEVEL					

N/A

041300	4-CH-SW-6	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-35	C	
	58' LEVEL					

N/A

041400	4-CH-SW-7	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-35	C	
	58' LEVEL					

N/A

041500	4-CH-SW-8	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-35	C	
	58' LEVEL					

N/A

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ZONE NUMBER: 002		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-V2

041600	4-CH-SW-9 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-39	C C C	**N/A**
041700	4-CH-SW-10 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-39	C C C	**N/A**
041800	4-CH-SW-11 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-39	C C C	**N/A**
041900	4-CH-SW-12 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-42	C C C	**N/A**
042000	4-CH-SW-13 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-42	C C C	**N/A**
042100	4-CH-SW-14 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-39	C C C	**N/A**
042200	4-CH-SW-15 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-39	C C C	**N/A**

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		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
-----	-----	-----	-----	-----	T C G H R	**CALIBRATION BLOCK**	

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042300	4-CH-SW-16	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-39	C	
	58' LEVEL					**H/A**
042400	4-CH-SW-17	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-39	C	
	58' LEVEL					**H/A**
042500	4-CH-SW-18	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-29	C	
	58' LEVEL					**H/A**
042600	4-CH-SW-19	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-33	C	
	58' LEVEL					**H/A**
042700	4-CH-SW-20	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-33	C	
	58' LEVEL					**H/A**
042800	4-CH-SW-21	B-G-1	VT-1	NDE 4.1-6	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-33	C	
	58' LEVEL					**H/A**
042900	4-CH-SW-22	B-G-1	VT-1	NDE 4.1-6	C C	
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-33	C	
	58' LEVEL					**H/A**

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ZONE NUMBER: 002		ASME		H I O		REMARKS
SUMMARY EXAMINATION AREA		SEC. XI		S O N G T		
NUMBER IDENTIFICATION		CATGY EXAM		T R S E H		
		ITEM NO METHOD		A E I O E		
				T C G M R		**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-V2</u>						
042901	4-CH-SW-22R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C	87 - BASELINE **N/A**
043000	4-CH-SW-23 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-12	C C C	 **N/A**
043001	4-CH-SW-23R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C	87 - BASELINE **N/A**
043100	4-CH-SW-24 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-3	NDE 4.1-6 NDE 4.1-22 NDE 4.3-6	C	C 3-19-87 - IN PLACE, SLIGHT DEGRADATION. C 4-4-87 - REMOVED 8" AREA WASTAGE, 1/32" C TO 1/16" IN DEPTH. **N/A**
043101	4-CH-SW-24R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C	87 - BASELINE **N/A**
043200	4-CH-SW-25 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-1	NDE 4.1-6 NDE 4.1-20 NDE 4.1-12	C C	C 3-19-87 - IN PLACE SLIGHT DEGRADATION. C 4-4-87 - REMOVED, SAME AS IN PLACE, 360 DEGREES 1/32" DEPTH. **N/A**
043201	4-CH-SW-25R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C	87 - BASELINE **N/A**

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		SEC. XI				T R S E H	
SUMMARY EXAMINATION AREA		CATGY EXAM		A E I O E		REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-V2							
043300	4-CH-SW-26 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-6 NDE 4.1-21	C	C	3-19-87 - IN PLACE, SLIGHT DEGRADATION, 4-4-87 - REMOVED, 10" OF WASTAGE. **N/A**
043301	4-CH-SW-26R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C		87 - BASELINE **N/A**
043400	4-CH-SW-27 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1 VT-1	NDE 4.1-6 NDE 4.1-28 NDE 4.1-31	C	C	3-19-87 - IN PLACE SLIGHT DEGRADATION. 5/8" LONG X 1/4" WIDE X 1/16" DEEP WITH SEVERAL PITS APPROX. 1/16" X 1/32" DEEP. **N/A**
043401	4-CH-SW-27R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C		87 - BASELINE **N/A**
043500	4-CH-SW-28 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-7 NDE 4.1-28	C C C		 **N/A**
043501	4-CH-SW-28R RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1	NDE 4.1-47	C C		87 - BASELINE **N/A**
043600	4-CH-SW-29 RPV SMALL WASHERS 58' LEVEL	B-G-1 B6.50	VT-1 VT-1	NDE 4.1-7 NDE 4.1-28	C C C		87 - COMPLETE **N/A**

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		SEC. XI		S O N G T	
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NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-V2

043700	4-CH-SW-30	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-28	C	
	58' LEVEL					

N/A

043800	4-CH-SW-31	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-28	C	
	58' LEVEL					

N/A

043900	4-CH-SW-32	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-28	C	
	58' LEVEL					

N/A

044000	4-CH-SW-33	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-28	C	
	58' LEVEL					

N/A

044100	4-CH-SW-34	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-28	C	
	58' LEVEL					

N/A

044200	4-CH-SW-35	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-28	C	
	58' LEVEL					

N/A

044300	4-CH-SW-36	B-G-1	VT-1	NDE 4.1-7	C C	87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-34	C	
	58' LEVEL					

N/A

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		SEC. XI	S O N G T					
		CATGY	EXAM	T R S E H				
SUMMARY EXAMINATION AREA		CATGY	EXAM	A E I O E				
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T	C	G H R	REMARKS
CALIBRATION BLOCK								

REF. DWG. NO. 004-V2								
044400	4-CH-SW-37	B-G-1	VT-1	NDE 4.1-7	C	C		87 - COMPLETE
	RPV SMALL WASHERS	B6.50	VT-1	NDE 4.1-34		C		
	58' LEVEL							**N/A**
046600	4-CRD-47	B-0	PT	NDE 3.3-9	C	C		4-10-87 - VT OF CRD HOUSING. 4-10-87 -
	BI-MATTALIC WELD - CRD	B14.10						PT OF BI MATTALIC WELD
	58' LEVEL							**N/A**
046700	4-CRD-53	B-0	VT-1	NDE 4.1-24	C	C		4-10-87 - VT OF CONOSEAL BIMATTALIC
	BI-MATTALIC WELD - CRD	B14.10	PT	NDE 3.3-10		C		WELD. 4-10-87 - PT OF BIMATTALIC WELD.
	PENETRATION							
	58' LEVEL							**N/A**
046800	4-CRD-65	B-0	VT-1	NDE 4.1-24	C	C		4-10-87 - VT ON BIMATTALIC WELD.
	BI-MATTALIC WELD - CRD	B14.10	PT	NDE 3.3-11		C		- PT OF BIMATTALIC WELD.
	PENETRATION							
	58' LEVEL							**N/A**
046900	4-CRD-53	B-0	VT-1	NDE 4.1-25	C	C		4-10-87 - VT ON SEAL WELD. 4-10-87 - PT
	UPPER SEAL WELD - CRD	B14.10						ON SEAL WELD PRIOR TO CUT FOR
	PENETRATION							REPLACEMENT.
	58' LEVEL							**N/A**
047100	4-CRD-47	B-E	VT-1	NDE 4.1-24	C	C		4-10-87 -NO DEGRADATION OF PENETRATION
	PENETRATION AREA - CRD	B4.11						AREA.
	58' LEVEL							**N/A**

RPV CLOSURE HEAD

ZONE NUMBER: 002

**ASME
SEC. XI**

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

SUMMARY EXAMINATION AREA

CATGY	EXAM
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A E I O E REMARKS

NUMBER	IDENTIFICATION
1	100-100000000
2	100-100000000
3	100-100000000
4	100-100000000
5	100-100000000
6	100-100000000
7	100-100000000
8	100-100000000
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99	100-100000000
100	100-100000000

ITEM NO

PROCEDURE

T C G H R

★★CALIBRATION BLOCK★★

REF. DWG. NO. 004-V2

047300	4-CRD-65	B-E	VT-1	NDE 4.1-24	C C	4-10-87 COMPLETE
	CRD HOUSINGS	B4.11				
	58' LEVEL					

N/A

047500	4-CRD-27	B-E	VT-1	NDE 4.1-24	C C	4-10-87 COMPLETE
	CRD HOUSINGS	84.11				
	58' LEVEL					

****N/A****

047600	4-CRD-33	B-E	VT-1	NDE 4.1-24	C C	4-10-87 COMPLETE
	CRD HOUSINGS	B4.11				
	58' LEVEL					

****N/A****

047700	4-CRD-41	B-E	VT-1	NDE 4.1-24	C C	4-10-87 COMPLETE
	CRD HOUSINGS	B4.11				
	58' LEVEL					

N/A

048100	4-MS-H-1 THRU 4-MS-H-58	B-N-1	VT-3	NDE 4.3-3	C	C 4-6-87 - ON VESSEL SIDE DURING HEAD
	RPV HEAD MATING SURFACE	B13.10	VT-3	NDE 4.3-6		C LIFT, 1 OUTER RING OF VESSEL HAS
	58' LEVEL		VT-1	NDE 4.1-44		C OXIDATION & RUST, 2 DEB LISTING OF
						A) RAG, B) PLASTIC CAP C) CAKED BORON
						DEPOSITS. THE SEALING AND MATING
						SURFACES WERE CLEAR
						N/A

****N/A****

048600	4-MS-G4 TO 4-MS-G37	B-A	VT-1	NDE 4.1-10	C C	3-19-87 COMPLETE 4.1-10: 4-27-87 PRIOR
	FLANGE MATING SURFACE GAP	B1.40	VT-3	NDE 4.3-6		C TO CLEANING:4-4-87 REVIEW OF VIDEO TAPE:
	58' LEVEL		VT-3	NDE 4.3-3	C	4-18-87 FLANGE MATING SURFACE A THIN
			VT-1	NDE 4.1-44	C	LINE 1/16" OF BORIC ACID RESIDUE
						N/A

N/A

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ZONE NUMBER: 002		ASME		N I O		S O N G T	
		SEC. XI		T R S E H		A E I O E	
SUMMARY	EXAMINATION AREA	CATGY	EXAM				REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T	C G H R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. PTN401</u>							
049000	4-CPS-02	B-E	VT-1	NDE 4.1-8	C	C	87 - 1 1/4X8 1/2" ERRODED AREA 1/4"
	CONO SEAL HEAD PENETRATION	B4.11	VT-1	NDE 4.1-24			C DEPTH: SLIGHT EROSION OF PENETRATION
	BASE METAL		VT-1	NDE 4.1-43			C AREA GAP ROUNDED:NCR 87-01,NCI-87-01R
	58' LEVEL		MT	NDE 2.2-8		C	AND NCR 87-0072:
			UT-T	NDE 5.14-1		C	18" AREA AND WASTAGE MT: UT THICKNESS
							N/A
<u>REF. DWG. NO. 004-V2</u>							
049200	SPLIT RING - CONOSEAL MALE	B-E	VT-1	NDE 4.1-13	C	C	3-27-87 LEAKING CONOSEAL
	58' LEVEL	B4.11					**N/A**
049300	CLAMP - CONOSEAL MALE	B-E	VT-1	NDE 4.1-14	C	C	3-27-87 - ALL BOLTS HAVE PITS AND
	58' LEVEL	B4.11					CORROSION, ONE BOLT HAS EROSION
							NCR-87-0078:
							N/A
049400	BOLTS - CONOSEAL MALE	B-E	VT-1	NDE 4.1-14	C	C	3-27-87 BORIC ACID RESIDUE, SEVERE
	58' LEVEL	B4.11					EROSION AND PITTING:
							N/A
049500	NUTS - CONOSEAL MALE	B-E	VT-1	NDE 4.1-14	C	C	3-27-87 - BORIC ACID RESIDUE PRESENT.
	58' LEVEL	B4.11					**N/A**
049600	FLANGE CONNECTION - CONOSEAL	B-E	VT-1	NDE 4.1-19	C	C	3-27-87 - BORIC ACID RESIDUE PRESENT.
	MALE	B4.11	VT-1	NDE 4.1-13			C SPLIT RING
	58' LEVEL		VT-1	NDE 4.1-15			C BORIC ACID NCR 87-0078
							N/A

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		SEC. XI		S O M G T			
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H		A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T	C	REMARKS
					G	M	**CALIBRATION BLOCK**
					R		
<u>REF. DWG. NO. 004-V2</u>							
049601	FEMALE FLANGE	B-E	VISUAL	NDE-110-001	C	C	4-3-87 WESTINGHOUSE PERFORMED THE REPAIR
	58' LEVEL	B4.11	VISUAL	NDE-110-002		C	UNDER PROCEDURE MP 2.7.1/FLA-4:
			VISUAL	NDE-110-003		C	INSTRUMENT PORT FEMALE P87-3210: W DWG#
			VISUAL	NDE-110-004		C	6121E91 G01 REV 5:
			VISUAL	NDE-110-005		C	**N/A**
			PT	NDE-210-001		C	
			PT	NDE-210-002		C	
			PT	NDE-210-003		C	
			PT	NDE-210-004		C	
049700	JACK SCREWS (6) - CONOSEAL	B-E	VT-1	NDE 4.1-15	C	C	3-27-87 - BORIC ACID RESIDUE, SCRATCH,
	MALE	B4.11					CRIMPED AREA, NICKS, T=.054"
	58' LEVEL						**N/A**
049800	LOWER GASKET - CONOSEAL MALE	B-E	VT-1	NDE 4.1-16	C	C	3-27-87 - SEVERLY DEFORMED AND BENT, T=
	58' LEVEL	B4.11					035", OD = 2.630", WIDTH =
							N/A
049900	UPPER GASKET - CONOSEAL MALE	B-E	VT-1	NDE 4.1-17	C	C	3-27-87 - RING BROKEN, MINOR DENTS AND
	58' LEVEL	B4.11					NICKS, EDGES BENT, ID DIA. = 4.93"
							N/A
050000	SEAL WELD RING - CONOSEAL MALE	B-E	VT-1	NDE 4.1-18	C	C	3-27-87 - DENTS (1.1", .68"), 2 LINEARS
	58' LEVEL	B4.11					C (1.0", .5"), DENTS ON ADAPTOR LENGTH =
							.43", NICKS ON ALL EDGES.
							N/A
050100	SEAL WELD RING - CONOSEAL MALE	B-E	VT-1	NDE 4.1-18	C	C	3-27-87 COMPLETE
	58' LEVEL	B4.11					**N/A**

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SUMMARY EXAMINATION AREA	CATGY	EXAM	PROCEDURE	A E I O E	T C G M R	
NUMBER IDENTIFICATION	ITEM NO	METHOD				**CALIBRATION BLOCK**
<u>RPV REF. DWG. NO. PTN403</u>						
050300 4-LL-02 LIFTING LUG 58' LEVEL	B-H	VT-3	NDE 4.3-2	C C		3-19-87 VT-3 ACCEPTABLE PER SECTION XI
	B8.10	MT	NDE 2.2-1A	C		3-20-87 MT ACCEPTABLE
		VT-1	NDE 4.1-23	C		4-6-87 VT-1 COMPLETE **N/A**
050400 4-SL-02 SUPPORT LUG 58' LEVEL	B-H	VT-3	NDE 4.3-1	C		C 3-19-87 - AS FOUND, NUT & BOLT ERODED
	B8.10	VT-1	NDE 4.1-23			C AWAY, BORIC ACID, EROSION, INCLUDES AS
		MT	NDE 2.2-8	C		FOUND DIMENSIONAL SKETCHES. 4-6-87 -
		VT-3	NDE 4.3-6			C VISUAL AFTER INSULATION REMOVAL, (2)
050401 4-SL-02A SUPPORT LUG 58' LEVEL						AREAS 1" BY .7", AND A 1" ROUND AREA ON
						BASE METAL. 4-10-87 MT OF BASE METAL
						AROUND LUG. (87-0107)
						N/A
	B-H	MT	9.4 C0318-87P	C C		87 - BASELINE FOR REPAIR AND REPLACEMENT
	B8.10	PT	9.5 M10073	C		OF LUG: M10126 4-16-87 PSI
		PT	9.5 M10056	C		
		MT	9.4 M10174	C		
		INSP RPT	10.1 M10112	C		**N/A**
		PT	9.5 M10173	C		
		PT	9.5 M10175	C		
		VISUAL	9.1 M10125	C		
050500 4-CH-BM DAMAGED AREA - BASE METAL 58' LEVEL	B-E	VT-1	NDE 4.1-9	C		C 3-19-87 - AS FOUND, SAME AREAS AS
	B4.11	MT	NDE 2.2-8	C		CONOSEAL PENETRATION. 4-10-87 - MT OF AN
		UT THICK	NDE 5.14-1	C		18" AREA FROM THE CONOSEALDOWN TO THE
						FLANGE. 4-10-87 - UT THICKNESS,
						CONTINUOUS SCAN OF 18" AREA, NO AREAS
						BELOW 6.8", AVERAGE THICKNESS ON HEAD TO
						BE 7.0".
						N/A

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		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

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050600	4-DA-01	B-E	VT-1	NDE 4.1-9	C	C 87 - COMPLETE
	DAMAGED AREA ON C.H. FLANGE -	B4.11	MT	NDE 2.2-8	C	
	BASE METAL		VT-1	NDE 4.1-23	C	
	58' LEVEL					

N/A



L

ATTACHMENT 2

**FORM NIS-BB OWNER'S DATA REPORT FOR EDDY CURRENT
EXAMINATION RESULTS, UNIT 4 CYCLE 12 REFUELING OUTAGE**



SUMMARY OF EDDY CURRENT EXAMINATION RESULTS

PLANT: TURKEY POINT NUCLEAR POWER PLANT UNIT NO. 4

EXAMINATION DATES: October 27, 1988 THRU November 15, 1988

STEAM GEN NUMBER	TOTAL TUBES INSP	TOTAL IND. FROM 20% TO 39%	TOTAL IND. > THAN OR = 40%	TOTAL TUBES PLUGGED AS PREVENTIVE MAINT	TOTAL TUBES PLUGGED
4E210A	3,199	7	0	1	1
4E210B	3,207	5	0	0	0
4E210C	3,205	5	0	0	0

LOCATION OF INDICATIONS

STEAM GENERATOR	AVB BARS	SUPPORTS 1 THROUGH 6		TOP OF TUBE SHEET TO FIRST SUPPORT	
		HOT LEG	COLD LEG	HOT LEG	COLD LEG
4E210A	0	4	3	0	0
4E210B	0	4	1	0	0
4E210C	1	1	3	0	0

CERTIFICATION OF RECORD

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

FLORIDA POWER and LIGHT COMPANY

(Organization)

Date: 4/17/89

By:


NDE SUPERVISOR



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PLANT: TURKEY POINT NUCLEAR POWER PLANT UNIT NO. 4
STEAM GENERATOR: 4E210A
EXAMINATION DATES: 11-07-88 THRU 11-15-88

99



page 4 of 5

PLANT: TURKEY POINT NUCLEAR POWER PLANT UNIT NO. 4
STEAM GENERATOR: 4E210B
EXAMINATION DATES: 10-27-88 THRU 11-05-88

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page 5 of 5

PLANT: TURKEY POINT NUCLEAR POWER PLANT UNIT NO. 4
STEAM GENERATOR: 4E210C
EXAMINATION DATES: 10-29-88 THRU 11-05-88

101



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CUMMULATIVE DISTRIBUTION SUMMARY
TURKEY POINT 4
10/88

COMPONENT: S/G A

Page : 1 of 1
Date : 04/17/89
Time : 1:58 PM

Examination Dates : 10/27/88 thru 11/15/88

Total Number of Tubes Inspected: 3199

Total Indications

Between 20% and 39%: 7
Greater than or equal to 40% ...: 0

Total Tubes Plugged as Preventive Maint : 1
Total Tubes Plugged: 1

Location Of Indications 20% to 100%

Hot Leg				Cold Leg				
TSH	-.5	to 01H	-2.1 :	0	TSC	-.5	to 01C -2.1 :	0
01H	-2.0	to 06H	+2.0 :	4	01C	-2.0	to 06C +2.0 :	3
06H	+2.1	to AV1	-3.1 :	0	06C	+2.1	to AV4 -3.1 :	0
AV1	-3.0	to AV4	-3.0 :	0				



PLUGGABLE TUBES LIST
TURKEY POINT 4
10/88

COMPONENT :S/G A

Page : 1 of 1
Date : 04/18/89
Time : 8:05 AM

ROW	LINE	ZONE	EXT	LEG	EXTENT	REEL	CH	PROBE	LOCATION	%	Volts	Deg	Dataset
2	5	3	06C	H		045AH		680-SF/RM	0.0	TRS	0.0	0	BALANCE

Number of Pluggable Tubes : 1

Number of Indications : 1

Selection Criteria :

PerCent T.W. 40

Includes ADI,HQI,DSI,DTI,DRI,LPI,TBP,TRS,PTP Codes

CUMMULATIVE EXAMINATION REPORT

TURKEY POINT 4

OUTAGE : 10/88

COMPONENT : S/G A

DESCRIPTION : 20% TO 100%

Page : 1 of 1

Date : 4/17/89

Time : 3:05 PM

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		Extent						10/88							N/A				
Row	Col	Leg	Req	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%		
----	----	----	----	-----	-----	-----	-----	-----	----	----	----	----	-----	-----	----	----	----		
28	14	H	TEC	TEC PS	004AH	720-SF/RM	01H 42.1	1.1	145	1	37								
		H	TEC	TEC SS	004AH	720-SF/RM	02C 2.6	.5	149	1	34								
33	19	H	TEC	TEC PS	006AH	720-SF/RM	05H 42.8	1.7	159	1	24								
26	24	H	TEC	TEC PS	008AH	720-SF/RM	03H .0	.5	142	M	25								
29	25	H	TEC	TEC PS	009AH	720-SF/RM	04H 5.8	1.2	147	1	35								
		H	TEC	TEC PS	009AH	720-SF/RM	01C .0	.6	132	M	36								
14	82	H	TEC	TEC PS	039AH	720-SF/RM	04C 9.2	.8	155	1	27								
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Number of INDICATIONS Selected from Current Outage : 7

Number of TUBES Selected from Current Outage : 5

CUMMULATIVE EXAMINATION REPORT

TURKEY POINT 4

OUTAGE : 10/88

COMPONENT : S/G A

DESCRIPTION : 20% TO 39%

Page : 1 of 1

Date : 4/17/89

Time : 3:05 PM

							10/88					N/A				
Row	Col	Leg	Req	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	%
28	14	H	TEC	TEC PS	004AH	720-SF/RM	01H 42.1	1.1	145	1	37					
		H	TEC	TEC SS	004AH	720-SF/RM	02C 2.6	.5	149	1	34					
33	19	H	TEC	TEC PS	006AH	720-SF/RM	05H 42.8	1.7	159	1	24					
26	24	H	TEC	TEC PS	008AH	720-SF/RM	03H .0	.5	142	M 1	25					
29	25	H	TEC	TEC PS	009AH	720-SF/RM	04H 5.8	1.2	147	1	35					
		H	TEC	TEC PS	009AH	720-SF/RM	01C .0	.6	132	M 1	36					
14	82	H	TEC	TEC PS	039AH	720-SF/RM	04C 9.2	.8	155	1	27					

Number of INDICATIONS Selected from Current Outage : 7

Number of TUBES Selected from Current Outage : 5

CUMMULATIVE DISTRIBUTION SUMMARY
TURKEY POINT 4
10/88

COMPONENT : S/G B

Page : 1 of 1
Date : 04/17/89
Time : 1:59 PM

Examination Dates : 10/27/88 thru 11/15/88

Total Number of Tubes Inspected: 320.7

Total Indications

Between 20% and 39%: 5
Greater than or equal to 40%: 0

Total Tubes Plugged as Preventive Maint : 0
Total Tubes Plugged: 0

Location Of Indications 20% to 100%

Hot Leg		Cold Leg	
TSH -.5 to 01H -2.1 :	0	TSC -.5 to 01C -2.1 :	0
01H -2.0 to 06H +2.0 :	4	01C -2.0 to 06C +2.0 :	1
06H +2.1 to AV1 -3.1 :	0	06C +2.1 to AV4 -3.1 :	0
AV1 -3.0 to AV4 -3.0 :	0		



CUMMULATIVE EXAMINATION REPORT

TURKEY POINT 4

OUTAGE : 10/88

COMPONENT : S/G B
DESCRIPTION : 20% TO 100%

Page : 1 of 1

Date : 4/17/89

Time : 3:06 PM

Extent							10/88							N/A				
Row	Col	Leg	Req	Tst	Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%
----	----	----	----	----	-----	-----	-----	-----	-----	----	----	----	----	-----	-----	----	----	----
3	24	H	TEC	TEC	PC	009BH	720-SF/RM	03C 25.5	.6	155	1	21						
37	69	H	TEC	TEC	PS	034BH	720-SF/RM	02H 19.3	.6	142	1	37						
13	75	H	TEC	TEC	PC	036BH	720-SF/RM	01H 48.8	.6	141	1	34						
		H	TEC	TEC	PS	036BH	720-SF/RM	02H 15.0	1.6	158	1	22						
14	82	H	TEC	TEC	PS	039BH	720-SF/RM	02H 15.7	1.1	149	1	29						
----	----	----	----	----	-----	-----	-----	-----	-----	----	----	----	----	-----	-----	----	----	----

Number of INDICATIONS Selected from Current Outage : 5

Number of TUBES Selected from Current Outage : 4

CUMMULATIVE EXAMINATION REPORT

TURKEY POINT 4

OUTAGE : 10/88

COMPONENT : S/G B

DESCRIPTION : 20% TO 39%

Page : 1 of 1

Date : 4/17/89

Time : 3:06 PM

Extent					10/88					N/A									
Row	Col	Leg	Req	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%	Diff	Location
3	24	H	TEC	TEC	PC	009BH	720-SF/RM	03C	25.5	.6	155	1	21						
37	69	H	TEC	TEC	PS	034BH	720-SF/RM	02H	19.3	.6	142	1	37						
13	75	H	TEC	TEC	PC	036BH	720-SF/RM	01H	48.8	.6	141	1	34						
		H	TEC	TEC	PS	036BH	720-SF/RM	02H	15.0	1.6	158	1	22						
14	82	H	TEC	TEC	PS	039BH	720-SF/RM	02H	15.7	1.1	149	1	29						

Number of INDICATIONS Selected from Current Outage : 5

Number of TUBES Selected from Current Outage : 4



CUMMULATIVE DISTRIBUTION SUMMARY
TURKEY POINT 4
10/88

COMPONENT : S/G C

Page : 1 of 1
Date : 04/17/89
Time : 1:58 PM

Examination Dates : 10/27/88 thru 11/15/88

Total Number of Tubes Inspected 3205

Total Indications

Between 20% and 39% 5

Greater than or equal to 40% 0

Total Tubes Plugged as Preventive Maint : 0

Total Tubes Plugged 0

Location Of Indications 20% to 100%

Hot Leg		Cold Leg	
TSH -.5 to 01H -2.1 :	0	TSC -.5 to 01C -2.1 :	0
01H -2.0 to 06H +2.0 :	1	01C -2.0 to 06C +2.0 :	3
06H +2.1 to AV1 -3.1 :	0	06C +2.1 to AV4 -3.1 :	0
AV1 -3.0 to AV4 -3.0 :	1		



CUMMULATIVE EXAMINATION REPORT

TURKEY POINT 4

OUTAGE : 10/88

COMPONENT : S/G C

DESCRIPTION : 20% TO 100%-

Page : 1 of 1

Date : 4/17/89

Time : 3:06 PM

Extent							10/88							N/A			
Row	Col	Leg	Req	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%
17	16	H	TEC	TEC	PS	005CH	720-SF/RM	05H	47.3	.7	147	1	35				
38	22	H	TEC	TEC	SS	008CH	720-SF/RM	05C	38.5	.6	157	1	27				
26	37	H	TEC	TEC	PS	016CH	720-SF/RM	05C	31.2	.5	159	1	24				
43	48	H	TEC	TEC	PS	023CH	720-SF/RM	06C	-.6	.8	130	M	1	30			
17	73	H	TEC	TEC	PS	036CH	720-SF/RM	AV2	2.1	.9	125	M	1	24			

Number of INDICATIONS Selected from Current Outage : 5

Number of TUBES Selected from Current Outage : 5

CUMULATIVE EXAMINATION REPORT

TURKEY POINT 4

OUTAGE : 10/88

COMPONENT : S/G C
DESCRIPTION : 20% TO 39%.

Page : 1 of 1
Date : 4/17/89
Time : 3:07 PM

Extent							10/88							N/A			
Row	Col	Leg	Req	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%
17	16	H	TEC	TEC	PS	005CH	720-SF/RM	05H	47.3	.7	147	1	35				
38	22	H	TEC	TEC	SS	008CH	720-SF/RM	05C	38.5	.6	157	1	27				
26	37	H	TEC	TEC	PS	016CH	720-SF/RM	05C	31.2	.5	159	1	24				
43	48	H	TEC	TEC	PS	023CH	720-SF/RM	06C	-.6	.8	130	M	1	30			
17	73	H	TEC	TEC	PS	036CH	720-SF/RM	AV2	2.1	.9	125	M	1	24			

Number of INDICATIONS Selected from Current Outage : 5
Number of TUBES Selected from Current Outage : 5

ATTACHMENT 3

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS,
UNIT 4 CYCLE 12 REFUELING OUTAGE



FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules Page 1 of 21

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

(Name and Address of Owner)

2. Plant: TURKEY POINT NUCLEAR POWER PLANT, P.O. BOX 3088,
FLORIDA CITY, FLORIDA 33034

(Name and address of Plant)

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 NUMBER	NATIONAL BOARD NUMBER
Reactor Pressure Vessel	Babcock and Wilcox	610-0116 4PSRV1	N/A	N-161
Pressurizer	Westinghouse	HTPT-0021	N/A	N-68-1
Steam Generator	Westinghouse	16A-6341-1 FSGT-2991 4E210A	N/A	N-772
Steam Generator	Westinghouse	16A-6341-2 FSGT-2991 4E210B	N/A	N-774
Steam Generator	Westinghouse	16A-6341-3 FSGT-2993 4E210C	N/A	N-776
Pressurizer	Westinghouse	HTPT-0021	N/A	N-68-1
RCS Piping	Bechtel	N/A	N/A	N/A
PRZ Piping	Bechtel	N/A	N/A	N/A
Aux Spray Piping	Bechtel	N/A	N/A	N/A
RHR Piping	Bechtel	N/A	N/A	N/A
SIS Piping	Bechtel	N/A	N/A	N/A
Boron Inj. Pipe	Bechtel	N/A	N/A	N/A



8. EXAMINATION DATES: SEPTEMBER 17, 1988 TO JUNE 11, 1989
9. INSPECTION INTERVAL: FROM April 15, 1984 TO April 14, 1994
- INSPECTION PERIOD: FROM April 15, 1987 TO April 14, 1991
10. ABSTRACT OF EXAMINATIONS AND STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL:

The Inservice Examinations (ISI) of selected Class 1 and 2 components of Florida Power and Light Company's (FPL) Turkey Point Plant, Unit No. 4 (PTN-4), was performed during the refueling outage which began on September 17, 1988. These examinations constitute the FIRST OUTAGE of the SECOND INSPECTION Period, of the SECOND TEN YEAR INSERVICE INSPECTION INTERVAL of commercial operation.

Components were selected and examined in accordance with the Turkey Point Long-Term Inspection Plan. This plan meets the requirements of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, "Rules for Inservice Inspection of Nuclear Power Plant Components," 1980 Edition with Addenda through Winter 1981. The number of examinations required by the Code to date have been met for the current interval.

Manual Ultrasonic, Liquid Penetrant, Magnetic Particle and Visual techniques were used in the performance of the ISI examinations. Remote Visual examination techniques were employed by Westinghouse Electric during this outage.

10.1 EDDY CURRENT EXAMINATIONS

Eddy Current examination techniques were used in the examination of tubes on Steam Generators 4A, 4B, and 4C. The extent and frequency meets or exceeds the requirements of Plant Technical Specifications. The examination activity can be found on Form NIS-BB, "OWNERS' REPORT FOR EDDY CURRENT EXAMINATION RESULTS".

10.2 COMPONENT EXAMINATIONS PERFORMED

Representative samples of the following components and areas were examined with nondestructive examination (NDE) techniques.



10.2.1 VESSELS

REACTOR PRESSURE VESSEL	4PSRV1
STEAM GENERATOR "A"	4E210A
STEAM GENERATOR "B"	4E210B
STEAM GENERATOR "C"	4E210C
PRESSURIZER	4T200
REACTOR COOLANT PUMP "A"	4P200A
REACTOR COOLANT PUMP "B"	4P200B
REACTOR COOLANT PUMP "C"	4P200C
REGENERATIVE HEAT EXCHANGER	4E200
RESIDUAL HEAT EXCHANGER	4E206
EXCESS LETDOWN HEAT EXCHANGER	4E202

10.2.2 CLASS 1 SYSTEMS

REACTOR COOLANT

31"-RCS-1401	4"-RC-1401
29"-RCS-1404	4"-RC-1402
31"-RCS-1402	4"-RC-1403
29"-RCS-1405	4"-RC-1404
27.5"-RCS-1406	4"-RC-1405
27.5"-RCS-1409	4"-RC-1406
14"-RC-1401	2"-RC-1403
12"-RC-1401	2"-RC-1410

CHEMICAL & VOLUME CONTROL

3"-CH-1401	2"-CH-1405
3"-CH-1402	2"-CH-1402
3"-CH-1403	2"-CH-1406
2"-CH-1401	2"-CH-1407
2"-CH-1403	2"-CH-1408
2"-CH-1404	

SAFETY INJECTION

10"-SI-1401	2"-SI-1402
10"-SI-1402	2"-SI-1403
10"-SI-1403	2"-SI-1405
2"-SI-1401	2"-SI-1406

RESIDUAL HEAT REMOVAL

14"-RHR-1401	8"-RHR-1404
8"-RHR-1404	

10.2.3 CLASS 2 SYSTEMS

MAIN STEAM

26"-MSA-2401	26"-MSC-2406
31"-MSB-2402	12"-MSA-2402
26"-MSB-2402	12"-MSA-2401
26"-MSC-2403	12"-MSB-2403
26"-MSA-2404	6"-MSA-2401
26"-MSB-2405	6"-MSB-2402

FEEDWATER

18"-FWA-2401	14"-FWB-2402
14"-FWA-2401	14"-FWC-2403
18"-FWB-2402	6"-FWC-2403

SAFETY INJECTION

16"-SI-2401	8"-SI-2405
10"-SI-2401	8"-SI-2406
10"-SI-2403	8"-SI-2407
10"-SI-2407	8"-SI-2409
10"-SI-2406	6"-SI-2401
8"-SI-2402	6"-SI-2403
8"-SI-2404	

RESIDUAL HEAT REMOVAL

14"-RHR-2401	10"-RHR-2401
14"-RHR-2403	10"-RHR-2402
14"-RHR-2404	10"-RHR-2403
14"-RHR-2406	8"-RHR-2403
12"-RHR-2401	8"-RHR-2404
12"-RHR-2402	

CTMT SPRAY

6"-CS-2401
6"-CS-2403

BLOWDOWN

6"-BDB-2402
6"-BDA-2404
6"-BDB-2405



10.3 Reports from other organizations.

REPORT NUMBER	ORGANIZATION	DESCRIPTION OF SERVICE
MCI-PTN-004-88-08	FPL MCI	FINAL REPORT OF ISI, NDE EXAMINATIONS OF UNISOLABLE PIPING SYSTEM AND COMPONENTS FOR POTENTIAL THERMAL STRESS EFFECTS. NRC BULLETIN NO. 88-08
0857b/90688:50-1	WESTINGHOUSE	40 - MONTH ISI EXAMINATION REPORT FOR REACTOR VESSEL INTERNALS
MCI-ECT-88-2	FPL MCI	FINAL REPORT FOR EDDY CURRENT EXAMINATIONS OF STEAM GENERATOR TUBES
P.O. B88950-90232	QUALTEC TESTING SERVICES, INC.	SNUBBER INSPECTION AND FUNCTIONAL TESTING
FPL-89-796	WESTINGHOUSE	FLORIDA POWER AND LIGHT COMPANY TURKEY POINT UNIT 4 RCP FLYWHEEL ISI REPORT

11.0 ABSTRACT OF CONDITIONS NOTED

11.1 CLASS 1

ZONE 1 REACTOR PRESSURE VESSEL 4PSRV1

The RPV Interior and 33-1/3% of the vessel ligaments was examined.

Remote Visual Examination of the Reactor Vessel Interior was performed by Westinghouse Electric Corporation. The examinations were limited to the code category B-N-1 areas accessible during the refueling, and selected areas classified as B-N-3. These examinations showed no recordable indications. Further details of the examination activity can be found in the Westinghouse Final Report, Document No. 0857b/90688:50-1



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ZONE 2 CLOSURE HEAD

4PSRV1

The RPV Closure Head Studs, Nuts, and Large and Small Washers were rescheduled for the next refueling outage. One (1) Closure Head Stud, Nut, and Small and Large Washer was replaced during this outage. Stud No. 50 was replaced under NCR-C-0578-88. During stud detensioning by Westinghouse, Stud no. 4-CH-S50 turned out with the tensioner device. The stud tensioner was disassembled and it was found the tensioner engaging nut was still threaded on the stud and could not be turned off. FPL replaced stud no. 50 with stud no. 50R. MCI performed a baseline examination on the new stud, nut, and washers.

ZONE 4 STEAM GENERATOR "B"

4E210B

The Head to Tube Sheet weld, and the inlet and outlet nozzle inside radius sections were examined with Ultrasonics. The inlet and outlet manway bolting were Visually examined. Nicked and damaged threads were found. The affected bolting was subsequently replaced.

ZONE 6 PRESSURIZER

4E200

The Upper Shell to Head and Upper Shell longitudinal seam welds, and the surge nozzle, spray nozzle, and 2 safety nozzle inner radius sections were volumetrically examined. There were no recordable indications.

BALANCE OF PLANT PIPING SYSTEMS

The areas listed below were examined with one or more of the following NDE methods: Visual, Ultrasonic, Magnetic Particle, and Liquid Penetrant methods.

ZONE NO.	SYSTEM	RESULTS
7	RCS LOOP A	NO RECORDABLE INDICATIONS
8	RCS LOOP A	NO RECORDABLE INDICATIONS
10	RCS LOOP B	ROOT GEOMETRY
11	RCS LOOP B	NO RECORDABLE INDICATIONS
12	RCS LOOP B	NO RECORDABLE INDICATIONS
15	RCS LOOP C	ROOT GEOMETRY
16	PRZ. SURGE	ID, ROOT, AND BEAM REDIRECTION
17	PRZ. SAFETY	NO RECORDABLE INDICATIONS
18	PRZ. SAFETY	NO RECORDABLE INDICATIONS
19	PRZ. SAFETY	NO RECORDABLE INDICATIONS
20	PRZ. SPRAY	SUPPORT HAD INCORRECT PARTS
21	PRZ. SPRAY	NO RECORDABLE INDICATIONS
22	PRZ. RELIEF	NO RECORDABLE INDICATIONS



1. The first part of the document is a list of names and dates, arranged in a vertical column on the left side of the page. The text is small and difficult to read, but it appears to be a chronological record or index. The entries are separated by small gaps, and some lines are indented. The overall layout is sparse and minimalist, with the text occupying a narrow vertical strip on the left margin.

28	LOOP C DRAIN	NO RECORDABLE INDICATIONS
35	AUX. SPRAY	NO RECORDABLE INDICATIONS
36	RHR LOOP A	DAMAGED THREAD ON VALVE, ID, ROOT
37	RHR/SI LOOP A	SURFACE RUST ON BOLTING, COUNTERBORE AND ROOT GEOMETRY
38	RHR/SIS	INADEQUATE THREAD ENGAGEMENT, BEAM REDIRECTION, SPOT INDICATION, ID GEOMETRY
39	RHR/SI LOOP C	THREAD DAMAGE ON BOLTING, BEAM REDIRECTION, COUNTERBORE AND ROOT GEOMETRY
40	BORON INJ. A	NO RECORDABLE INDICATIONS
41	BORON INJ. B	NO RECORDABLE INDICATIONS
42	BORON INJ. C	NO RECORDABLE INDICATIONS
43	HPSI LOOP A	NO RECORDABLE INDICATIONS
44	HPSI LOOP B	NO RECORDABLE INDICATIONS
45	CH LOOP C	NO RECORDABLE INDICATIONS
46	CH LOOP A	NO RECORDABLE INDICATIONS
47	CH LOOP C	NO RECORDABLE INDICATIONS
48	LETDOWN LINE	NO RECORDABLE INDICATIONS
49	CVCS	LINEAR INDICATION
50	CVCS	NO RECORDABLE INDICATIONS
51	CVCS	NO RECORDABLE INDICATIONS
52	CVCS	BORIC ACID RESIDUE
53	SEAL LEAKOFF A	NO RECORDABLE INDICATIONS
54	SEAL LEAKOFF B	NO RECORDABLE INDICATIONS
55	SEAL LEAKOFF C	NO RECORDABLE INDICATIONS
56	RC PUMP A	CHIPPED CONCRETE, FLAKING PAINT
57	RC PUMP B	CHIPPED CONCRETE, FLAKING PAINT
58	RC PUMP C	CHIPPED CONCRETE, FLAKING PAINT
59	REGEN HT EXCH	BORIC ACID RESIDUE

11.2 CLASS 2

ZONE 61 STEAM GENERATOR B

The Tube Sheet to Ring, Ring to Lower Shell, Transition to Upper Shell, Feedwater Nozzle to Shell, and the steam nozzle to head welds, and the feedwater nozzle inner radius were examined. One (1) recordable indication was noted, and was determined to be slag. This indication was verified against the baseline exam. Two (2) geometric indications were noted and determined to be caused by inside surface noise.



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BALANCE OF PLANT PIPING SYSTEMS

ZONE NO.	SYSTEM	RESULTS
63	RHR LOOP A	NO RECORDABLE INDICATIONS
64	RHR LOOP B	NO RECORDABLE INDICATIONS
65	RHR	NO RECORDABLE INDICATIONS
67	RHR	NO RECORDABLE INDICATIONS
68	RHR	NO RECORDABLE INDICATIONS
69	RHR	NO RECORDABLE INDICATIONS
70	RHR	BORIC ACID RESIDUE
71	RHR	CORROSION
72	RHR	CORROSION
75	RHR	NO RECORDABLE INDICATIONS
76	RHR	NO RECORDABLE INDICATIONS
77	SIS	NO RECORDABLE INDICATIONS
78	LPSI	GRINDING MARKS
80	LPSI	COUNTERBORE GEOMETRY
81	LPSI	NO RECORDABLE INDICATIONS
82	LPSI	NO RECORDABLE INDICATIONS
84	LPSI	COUNTERBORE AND ROOT GEOMETRY
86	LPSI	BEAM REDIRECTION
87	LPSI	NO RECORDABLE INDICATIONS
88	LPSI	NO RECORDABLE INDICATIONS
89	LPSI	COUNTERBORE AND ROOT GEOMETRY, AND A SPOT INDICATION
91	LPSI	NO RECORDABLE INDICATIONS
92	SI LOOP C	NO RECORDABLE INDICATIONS
94	SI	CORROSION
95	CTMT SPRAY	NO RECORDABLE INDICATIONS
97	SI	NO RECORDABLE INDICATIONS
99	MS LOOP A	LOOSE HARDWARE
100	MS LOOP B	LINEAR, FORGING ANOMALIE, ID GEOMETRY
101	MS LOOP C	NO RECORDABLE INDICATIONS
102	MS LOOP A	LINEARS, FORGING ANOMALIES, SPOT INDICATION, SLAG INDICATION, ROOT AND COUNTERBORE GEOMETRY
103	MS LOOP B	ROOT AND ID GEOMETRY, SLAG, BASE METAL STRINGER, LINEAR INDICATION
105	BLOWDOWN A	CHIPPED CONCRETE, ACCEPTABLE
106	BLOWDOWN B	ROOT AND ID GEOMETRY
108	BLOWDOWN A	ROOT GEOMETRY
109	BLOWDOWN B	LINEAR AND ROOT GEOMETRY
111	MFW LOOP A	COUNTERBORE, ROOT, AND CHILL RING GEOMETRY, LINEAR, AND SLAG
112	MFW LOOP B	ROOT AND CHILL RING GEOMETRY, LINEARS, AND GOUGE
113	MFW LOOP C	ROOT, COUNTERBORE, AND ID GEOMETRY, LINEARS
115	FW BYPASS B	NO RECORDABLE INDICATIONS
117	RESID HT EXCH	NO RECORDABLE INDICATIONS
119	EX LET HT EXCH	COUNTERBORE AND ROOT GEOMETRY



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11.3 USNRC REGULATORY BULLETIN 88-08 EXAMINATIONS

AUXILIARY SPRAY LINE

1. ZONE 035, 2"-RC-1410-33, VALVE 4-313 - PIPE:
A liquid penetrant and ultrasonic examination using 45° and 70° search units. One (1) indication recorded with an amplitude less than 20% DAC, determined to be beam redirection.
2. ZONE 035, 2"-RC-1410-34, PIPE - REDUCING TEE:
A liquid penetrant and ultrasonic examination using 45° and 70° search units. NO RECORDABLE INDICATIONS NOTED

CHARGING LINE LOOP C

1. ZONE 045, 3"-CH-1401-32, PIPE - ELBOW:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
2. ZONE 045, ELBOW BASE METAL:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
3. ZONE 045, 3"-CH-1401-33, ELBOW - PIPE:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. Two (2) GEOMETRIC INDICATIONS were noted and determined to be root geometry.
4. ZONE 045, PIPE BASE METAL:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
5. ZONE 045, 3"-CH-1401-34, PIPE - ELBOW:
A liquid penetrant and ultrasonic examination using a 45° and 60° search units. Two (2) GEOMETRIC INDICATIONS were noted and determined to be root geometry.
6. ZONE 045, ELBOW BASE METAL:
A liquid penetrant and ultrasonic examination using a 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED



7. ZONE 045, 3"-CH-1401-35, ELBOW - PIPE:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
8. ZONE 045, PIPE BASE METAL:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
9. ZONE 045, 3"-CH-1401-36, PIPE - ELBOW:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
10. ZONE 045, ELBOW BASE METAL:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED
11. ZONE 045, 3"-CH-1401-37, ELBOW - PIPE:
A liquid penetrant and ultrasonic examination using 45° and 60° search units. NO RECORDABLE INDICATIONS NOTED

11.4 SNUBBER EXAMINATIONS AND TESTS

Visual (VT-3) examinations were conducted over the entire population of the subject mechanical snubbers. FPL opted to exercise each mechanical snubber through its full range of travel to detect binding, lockup, or total absence of restraining action. In accordance with plant technical specifications and ASME Section XI, a minimum of 10% of the snubber population was functionally tested.

Additional details are documented in the QualTec Testing Services Final Report, "SNUBBER INSPECTION AND FUNCTIONAL TESTING", WO #7030.

11.5 CLASS 1 SYSTEM LEAKAGE TESTS

The system leakage tests and visual (VT-2) examinations of Class 1 systems was performed by FPL Backfit Construction during the RCS over pressure test. NO LEAKAGE WAS NOTED.



12.0 ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

Described below are those examinations that identified conditions determined by the Codes and Programs Group to require Plant evaluation, disposition, and possible corrective action.

12.1 Indications were evaluated in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section XI (where acceptance criteria exists). Indications exceeding the acceptance criteria were included in a Customer Notification Report and submitted to the Plant for processing through engineering for evaluation, disposition, and corrective action in accordance with plant procedures.

CNF #	ISSUED/ CLOSED	DATA SHEET/COMPONENT ID/ACTION TAKEN
88-017R	9/14/88 11/ 8/88	4.3-66, SUPPORT SR-667, VERIFY SETTINGS Plant determined that the recorded setting was within $\pm 5\%$ of Design Load. Condition is acceptable.
88-018	9/21/88 4/ 4/89	4.3-70, SUPPORT 4-SR-616, VERIFY SETTINGS NCR-89-0123 issued for Nuclear Engineering Evaluation, noted condition would not result in a failure; Corrective action, readjust spring to design criteria; Plant Work Order (PWO) # WA890320164616 issued for performance of corrective action. Readjusted spring to cold load of 1024#; Reexamined 3/22/89, data sheet NDE 4.3-89-637 acceptable.
88-019	9/21/88 6/14/89	4.3-69, SUPPORT SR-643, VERIFY SETTINGS PWO issued. Will be reset during next outage. Acceptable until that time. Examination will be rescheduled for examination during the next outage.
88-020	9/28/88 4/ 4/89	4.3-73, SUPPORT SR-635, VERIFY SETTINGS NCR 89-0129 issued for Engineering evaluation: condition would not result in a failure, maintenance item; readjust cold load to design criteria. PWO WA890320165445 issued for corrective action. Readjusted spring to cold load of 1695; Reexamined on 3/22/89. Acceptable.



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88-021	9/26/88 6/14/89	4.3-36, SUPPORT WR-18-B, LOOSE BOLTS, CEILING ATTACHMENT PULLED AWAY. NCR-1247-86 issued. Acceptable as-is but will be restored to original design specification at next refuel outage. Examination will be rescheduled for next outage.
88-022	9/28/88 6/14/89	4.3-74, SUPPORT 4-ACH-188, LOOSE LOCK NUT, VERIFY SETTINGS. PWO issued to tighten lock nuts and restamp cold setting on load plate. Acceptable.
88-023	9/28/88 4/26/89	4.3-75, SUPPORT 4-ACH-193, VERIFY SETTINGS NCR-89-0127 issued for Nuclear Engineering evaluation. Noted condition would not result in a failure. Corrective action: clean load scales, check hot and cold load markings, restamp if necessary. PWO WA890314140805 issued for corrective action. Cleaned load scale, restamped settings. Acceptable.
88-024	9/28/88 4/18/89	4.3-76, SUPPORT 4-ACH-205, VERIFY SETTINGS Plant issued NCR-88-0210, Transferred to NCR-N-89-0031, Corrective action: reset spring can to its cold load of 4400 pounds. RESCHEDULE EXAM FOR NEXT OUTAGE
88-025	9/28/88 4/18/89	4.3-77, SUPPORT 4-ACH-190, VERIFY SETTINGS Engineering review states that the settings are within the acceptable range. Accept as-is.
88-026	9/28/88 3/28/89	4.3-86, SUPPORT H-341-17, INADEQUATE THREAD ENGAGEMENT. Process sheet 87-064 issued to adjust bolts to meet complete thread engagement criteria.
88-027	9/28/88 4/18/89	4.3-82, SUPPORT H-324-18, INADEQUATE THREAD ENGAGEMENT AND VERIFY SETTINGS NCR-88-0160 issued, transferred to NCR-N-89-0323, corrective action; correct cold setting indication on load plate. Adjust spring can to cold load of 229 pounds. Reexamined on 3/10/89. Acceptable.
88-028	9/28/88 6/ 5/89	4.3-89, SUPPORT 4-CSTH-14, BENT RODS NCR-N-89-0037 issued. Rod replaced. Acceptable.
88-029	9/28/88 3/28/89	4.3-91, SUPPORT 4-CSTH-37, INADEQUATE THREAD ENGAGEMENT. P.S. 89-064 issued to readjust bolts to meet complete thread engagement criteria.



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88-030	10/ 8/88 6/14/89	4.3-95, SUPPORT SR-927, VERIFY SETTINGS NCR-N-89-0125 issued. Work will be performed during future outage. Examination will be rescheduled for next outage.
88-031	10/ 8/88 6/13/89	Not a Section XI CNF.
88-032	10/21/88 1/24/89	4.3-104, SUPPORT PS-3, BORIC ACID ON BOLTS AND NUTS, GAP BETWEEN BASE PLATE AND WALL Plant issued NCR-C-0593-88. Boric acid was cleaned off of support. Per engineering evaluation, the gap between the base plate and wall is acceptable as-is.
88-033	10/20/88 3/10/89	3.3-272, WELD # 2"-CH-1402-21, LINEAR INDICATION. Plant issued NCR-88-0161, Transferred to Construction under NCR-N-89-0062. Indication removed by light grinding. Removal of indication verified by PT examination.
88-034	10/24/88 3/29/89	4.3-110, SUPPORT SR-942, PIPE CLAMP SLIPPING NCR-N-89-0146 issued for corrective action. Support repaired. Examination will be rescheduled for exam next outage.
88-035	10/21/88 6/14/89	4.3-112, SUPPORT 4-RCH-36X, VERIFY SETTINGS NCR-N-89-0124 issued. Spring can will be reset during future outage. Examination will be rescheduled next outage.
88-036	10/21/88 3/ 9/89	4.1-58, VALVE 4-750, DAMAGED THREAD Engineering corrective action was maintenance is to replace the affected stud during the next convenient maintenance opportunity. Examination will be rescheduled for the next outage.
88-037	10/27/88 3/29/89	2.2-44, WELD # 31"-MSB-2402-1A, FORGING ANOMALY NCR-N-89-0040 issued to repair numerous indications by light grinding. Indication removal verified by MT examination.



10/1/44



88-038	10/28/88 3/28/89	4.3-114, SUPPORT 4-SR-400, EVIDENCE OF MOVEMENT NCR-N-89-0083 was issued for corrective action; The cracked tack welds were repaired, the spring can was readjusted to its cold load setting, a missing washer was installed. This exam activity was a direct result of IE Notice 88-80. This support will be rescheduled for the next outage. Reexamination performed 1/27/89. M-89-469. Acceptable.
88-039	11/ 2/88 5/ 2/89	4.3-116, SUPPORT 4-FWH-4, INCOMPLETE THREAD ENGAGEMENT, VERIFY SETTINGS NCR-89-0039 issued to replace spring can and pipe clamp bolts. Replaced under PS 89-301.
88-040	11/ 8/88 1/11/89	4.1-63, VALVE 4-875B, INCOMPLETE THREAD ENGAGEMENT. Torqued bolts to 1650 ft. lbs. This corrected the thread engagement.
88-041	11/ 8/88 7/28/89	4.3-130, SUPPORT SR-491, SPALLED CONCRETE NCR 89-0133 issued for corrective action. Concrete repaired. Acceptable.
88-042	11/ 8/88 5/ 2/89	2.2-59, WELD # 26"-MSC-2406-3, LINEAR INDICATION. NCR-89-0029, removed by light grinding. Reexamined 1/10/89. Acceptable.
88-043	11/ 8/88 5/ 2/89	2.2-60, WELD # 26"-MSA-2404-1, 5 LINEAR INDICATIONS. NCR-N-89-0032 issued. Indication removed by light grinding. Reexamined 1/10/89. Acceptable.
88-044	11/ 8/88 3/ 9/89	2.2-61, WELD # 14"-FWA-2401-4, 1 LINEAR INDICATION. Plant issued NCR-N-89-0027. Removed indication by light surface grinding, verify removal by MT examination. Reexamined 1/11/89. Acceptable.
88-045	11/ 8/88 3/ 9/89	2.2-62, WELD # 14"-FWB-2402-5, 1 LINEAR INDICATION. Plant issued NCR-N-89-0028, removed indication by light surface grinding and verified removal by MT examination. Reexamined 1/11/89. Acceptable.
88-046	11/ 8/88 3/10/89	2.2-63, WELD # 6"-BDB-2405-FW-36B, 1 LINEAR INDICATION. Plant issued NCR-88-0186, removed indication by light surface grinding and verify removal by MT examination. Reexamined 1/10/89. Acceptable.



88-047 11/ 8/88 4.3-134, SUPPORT SR-934, BORIC ACID RESIDUE ON
 3/28/89 BASE PLATE, VERIFY SETTINGS.
 NCR-89-0134 issued for engineering evaluation
 and corrective action. These conditions
 determined to be acceptable as-is.

88-048 11/ 5/88 4.1-71,70,69,68,66, VALVES 757C, 757A
 3/ 9/89 754B, 757B, AND 754A, CORRODED STUDS
 Plant issued various PWO's for the replacement
 of bolting and repacking valves. VT-2
 performed after repair. Acceptable.

88-049 11/ 8/88 4.3-140, SUPPORT 4-MSH-21, LOOSE NUTS, 2
 4/ 4/89 CRACKED WELDS, VERIFY SETTINGS
 Plant issued NCR-0187, cracked welds are
 acceptable, settings are acceptable, NCR did
 not cover the loose nuts. PWO WA890315160148
 issued for loose nuts, tightened, partial
 reexamination on 3/23/89 (only on tightened
 nuts). Examination will be rescheduled for the
 next outage.

88-050 11/ 8/88 4.3-145, SUPPORT 4-CCH-7, INCOMPLETE THREAD
 3/ 2/89 ENGAGEMENT. Plant issued PWO, replaced bolt
 with longer bolt, reexamine VT-3 on 1/6/89.
 Acceptable.

88-051 11/ 8/88 4.3-144, SUPPORT 4-ACH-94, HEAVY RUST
 3/28/89 NCR-89-0130 issued for corrective action.
 Prior to performing the corrective action, it
 was noted that the support had already been
 cleaned. No further action was required.

88-052 11/ 8/88 4.1-72 STEAM GENERATOR B INLET AND OUTLET
 1/11/89 MANWAY BOLTS, NICKED AND DAMAGED THREADS
 Replaced damaged studs. Acceptable.

88-053 11/ 8/88 4.1-65, SUPPORT 4-FL-13, BORIC ACID
 3/ 2/89 Plant issued PWO, cleaned off boric acid, and
 was reexamined. Boric Acid removal verified
 by VT-1 examination.

88-054 11/ 8/88 4.3-128, SUPPORT 4-RCH-30A, SPALLED CONCRETE
 3/30/89 NCR-N-89-0192 issued, accepted as-is.

88-055 11/ 9/88 4.3-162, SUPPORT 4-SR-627, INCOMPLETE NUT
 3/ 2/89 THREAD ENGAGEMENT. Plant issued NCR-1182-453
 on 11/28/80, which accepted this condition
 as-is.



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88-056	11/11/88 3/10/89	2.2-75, WELD # 14"-FWB-2402-8, LINEAR INDICATION. Plant issued NCR-88-0242, and NCR-N-89-0030. Removed indication by light grinding. Verified removal by MT examination.
88-057	11/11/88 3/29/89	4.1-81, VALVE CV-876A, FROZEN STUDS AND NUTS PWO WA880609073237 issued for corrective action. Cleaned valve internals, new retaining block stud and nuts were installed. Replaced 14 valve bonnet bolts with new bolts.
88-058	11/11/88 1/24/89	4.1-82/4.1-83, VALVE RV-4-551 A & B, INADEQUATE THREAD ENGAGEMENT Not Section XI, bolting is for lifting attachment. Acceptable.
88-059	11/11/88 5/ 3/89	4.3-154, SUPPORT 4-RCH-6, INCORRECT PIN, VERIFY SETTINGS, INADEQUATE NUT ENGAGEMENT NCR-88-0252 and N-89-0160, installed proper pin, replaced two bolts, verified settings. Acceptable.
88-060	11/11/88 5/ 2/89	4.3-163, SUPPORT 4-ACH-53, LOOSE U-BOLT AND MISSING NUT. Support is class "D", Not Section XI, will be corrected under DEEP 89-173.
88-061	11/11/88 5/ 2/89	4.3-166, REACTOR COOLANT PUMP LUG RCP-A-L1-L3, LOOSE HARDWARE AND SPALLED CONCRETE NCR 88-0190 and NCR-N-89-0049 issued. Loose hardware was designed in this manner and is acceptable as-is. Spalled concrete acceptable as-is per engineering evaluation.
88-062	11/11/88 5/ 2/89	4.3-167, REACTOR COOLANT PUMP LUG RCP-B-L1-L3, LOOSE HARDWARE AND SPALLED CONCRETE NCR-N-89-0048 issued. Loose hardware was designed in this manner and is acceptable as-is. Plant performed concrete repair. Acceptable.
88-063	11/11/88 1/30/89	5.4-20, WELD 10"-SI-2403-4, COUNTERBORE TAPER Plant issued NCR-88-0200, determined by engineering to be acceptable as-is.
88-064	11/11/88 3/14/89	4.3-169, SUPPORT 4-ACH-28, INCOMPLETE THREAD ENGAGEMENT. NCR-N-89-0135 issued. Nuts will be tightened during future outage. Examination will be rescheduled for next outage.
88-065	11/11/88 3/ 9/89	4.3-170, SUPPORT B, SPALLED CONCRETE Plant performed concrete repair. Acceptable.



88-066 11/17/88 VARIOUS CORROSION ON CCW
 4/18/89 Plant performed disposition and corrective
 action on the following supports per PS 89-142,
 in accordance with plant procedures.

SUPPORT	DATA SHEET	ZONE	CONDITION	CORRECTED
4-CCH-26	4.3-124	144	CORROSION	2/21/89
4-CCH-26	4.3-120	130	CORROSION	
4-CCH-26	4.3-180	130	CORROSION	
4-CCH-26	4.3-195	144	NEW BOLTS/PAINT	2/21/89
4-CCH-26	4.3-197	149	NEW BOLTS/PAINT	2/21/89
4-CCH-27	4.3-181	141	CORROSION	2/21/89
4-CCH-27	4.3-192	144	CORROSION	
4-CCH-27	4.3-198	149	CORROSION	
4-CCH-28	4.3-182	141	NRI	2/21/89
4-CCH-28	4.3-193	144	NRI	N/R
4-CCH-28	4.3-199	149	NRI	N/R
4-CCH-29	4.3-183	141	NRI	DELETED
4-CCH-30	4.3-121	141	CORROSION	2/23/89
4-CCH-30	4.3-184		CORROSION	
4-CCH-31	4.3-185	141	CORROSION	2/23/89
4-CCH-32	4.3-186	141	CORROSION	2/21/89
4-CCH-33	4.3-122	141	CORROSION	DELETED
4-CCH-33	4.3-187	141	CORROSION	
4-CCH-34				DELETED
4-CCH-35				DELETED
4-CCH-36				DELETED
4-CCH-37				DELETED
4-CCH-45	4.3-200	149	RUST ON PIPE	DELETED
4-CCH-47	4.3-194	144	RUST ON PIPE	DELETED
4-CCH-51	4.3-178	130	CORROSION	2/21/89
4-CCH-52	4.3-177	130	CORROSION	2/21/89
4-CCH-57	4.3-208	142	CORROSION	2/21/89
4-CCH-58	4.3-190	144	CORROSION	2/21/89
4-CCH-58	4.3-126	149	CORROSION	
4-CCH-58	4.3-201	149	CORROSION	
4-CCH-59	4.3-123	144	CORROSION	2/21/89
4-CCH-59	4.3-188	144	CORROSION	
4-CCH-59	4.3-202	149	NEW PAINT	2/21/89
4-CCH-60	4.3-191	144	CORROSION	2/21/89
4-CCH-60	4.3-203	149	NRI	N/R
4-CCH-63	4.3-207	142	NO LOCK NUT	DELETED
4-CCH-64	4.3-179	130	CORROSION	DELETED
4-CCH-65	4.3-204	142	LIGHT RUST	DELETED
4-CCH-66	4.3-206	142	LIGHT RUST	DELETED
4-CCH-67	4.3-205	142	LIGHT RUST	DELETED
IC-281-1	4.3-176	130	CORROSION	DELETED
IC-478-1	4.3-189	144	NRI	DELETED
IC-279-1	4.3-196	149	NRI	DELETED



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88-067	12/ 1/88 6/14/89	4.1-89, WELD # 14"-FWB-2402-11, GOUGE NCR-N-88-248 issued. Gouge was blended with base metal. Indication removal verified by MT examination. Acceptable.
88-068	12/ 2/88 3/ 2/89	CNF IS FOR UNIT 3
88-069	12/ 9/88 3/28/89	4.3-173 & 4.1-91 VALVE 4-875F, SURFACE PITTING AND THREAD DAMAGE. PWO WA880607112020 was issued for corrective action. Cleaned valve internals, installed new retaining block bolts, and tightened. Replaced valve bonnet bolting.
88-070	12/ 9/88 4/ 4/89	4.1-92, BOLTING 2"-CH-1408-FB, BORIC ACID Construction saw no evidence of boric acid, it was concluded that the flange had been cleaned off. Acceptable.
88-071	12/10/88 3/ 9/89	4.3-209, SUPPORT SR-708, INADEQUATE THREAD ENGAGEMENT. Initial condition identified in 1986 under MCI-NCR-86-15, NCR-254-86 issued, determined to be acceptable as-is.
88-072	12/12/88 4/18/89	4.3-210, SUPPORT 4-ACH-50, LOOSE NUT Initial condition identified in 1986 under MCI-NCR-86-18, NCR-89-0136 issued, tightened loose nuts under PWO WA890322151909: Partial VT-3 exam performed following repair on 3-28-89, NDE 4.3-89-0678. Examination will be rescheduled for the next outage.
88-073	12/12/88 3/27/89	4.3-227, SUPPORT 4-FWH-16, VERIFY SETTING Plant issued NCR-88-0250, crossed out old C & H marks and restamped to applicable locations. Position indicator was at cold load. Reexamined on 12/9/88, NDE 4.3-227R1. Acceptable.
88-074	12/13/88 4/18/89	4.3-228, REACTOR COOLANT PUMP LUG RCP-C-L1-L3, LOOSE HARDWARE. Plant issued NCR-88-0276, transferred to NCR-N-89-0047, work performed under P.S. 89-017, corrective action, tighten all nuts and remove all corrosion, additional items acceptable as-is.
88-075	12/13/88 3/27/89	4.3-225, SUPPORT H-420-01, SPALLED CONCRETE Plant issued NCR-89-0132, determined by engineering to be acceptable as-is.



88-076 5/26/89 2.2-67, WELD # 26"-MSC-2406-4, LINEAR
 5/28/89 INDICATION. Blended out by grinding.
 Indication removal verified by MT.
 Acceptable.

12.2 EXAMINATION AFTER REPAIRS

Following repair and/or replacement, a nondestructive examination was performed, utilizing the same method of examination that found the indication, prior to the unit return to service.

12.3 ZONE 3 - STEAM GENERATOR 4E210A

One tube, Row 2, Column 5, was plugged for preventive maintenance reasons due to possible wear from a piece of a clamp caught in the tube.



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We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

OWNER : FLORIDA POWER AND LIGHT COMPANY

By: *J. E. Mosler* Date: August 30, 1989

CERTIFICATE OF AUTHORIZATION NO. (IF APPLICABLE): N/A
EXPIRATION DATE: N/A

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of DADE COUNTY and employed by ARKWRIGHT MUTUAL INSURANCE COMPANY of NORWOOD, MASSACHUSETTS have inspected the components described in this OWNERS' data Data Report during the period Sept. 17, 1988 to June 11, 1989, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owners' Data Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, and neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date: 8/30/89

FACTORY MUTUAL SYSTEM

Debra E. Boyer
Inspector's Signature

COMMISSION NO. 4956 (N) (I)
National Board, State, Province
and NO.



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SUPPLEMENTAL SHEET NIS-1

1. Owner: Florida Power and Light Company, 700 Universe Blvd.
Juno Beach, Florida 33408
(Name and Address of Owner)
2. Plant: TURKEY POINT NUCLEAR POWER PLANT, P.O. BOX 3088,
FLORIDA CITY, FLORIDA 33034
(Name and address of Plant)
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 NUMBER	NATIONAL BOARD NUMBER
HPSI Piping	Bechtel	N/A	N/A	N/A
CH Piping	Bechtel	N/A	N/A	N/A
Letdown Piping	Bechtel	N/A	N/A	N/A
CVCS Piping	Bechtel	N/A	N/A	N/A
RC Pump A	Westinghouse	5-618J713	N/A	N/A
RC Pump B	Westinghouse	6-618J713	N/A	N/A
RC Pump C	Westinghouse	4-618J713	N/A	N/A
Seal Leakoff	Bechtel	N/A	N/A	N/A
Regen Ht Exch	Sentry Equip.	4E200	N/A	N/A
LPSI Piping	Bechtel	N/A	N/A	N/A
CS Piping	Bechtel	N/A	N/A	N/A
MS Piping	Bechtel	N/A	N/A	N/A
FW Piping	Bechtel	N/A	N/A	N/A
Blowdown Pipe	Bechtel	N/A	N/A	N/A
Resid. Ht Exch	Bechtel	4E206A	N/A	N/A
Ex Let Ht Exch	Bechtel	4E202	N/A	N/A



ATTACHMENT 4

**INSERVICE INSPECTION FINAL REPORT TABLES, OUTAGE 1
(1988), SECOND PERIOD, SECOND INTERVAL FOR CLASS 1, 2,
3 AND 4 COMPONENTS**



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

PAGE: 1

REACTOR PRESSURE VESSEL

ZONE NUMBER: 001		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>UPPER INTERNALS REF. DWG. NO. 685J566</u>						
011703	1 THERMOCOUPLE, CONNECTIONS, SUPPORT INST. 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 149 AND 239 DEGREES TAPE LOCATION 41
<u>UPPER INTERNALS REF. DWG. NO. 685J760</u>						
011706	2 INSTRUMENTATION COLUMNS 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 149 AND 239 DEGREES TAPE LOCATION 71
<u>UPPER INTERNALS REF. DWG. NO. 685J150</u>						
011709	3 UPPER SUPPORT PLATE KEYWAYS HEAD 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	L	1-23-89 AT LOCATIONS 165 AND 255 DEGREES: NOT ACCESSIBLE DUE TO INTERFERENCE WITH UPPER INTERNALS STORAGE STAND: TAPE LOCATION 106
<u>UPPER INTERNALS REF. DWG. NO. 685J326</u>						
011712	4 FLOW MIXER DEVICES & FASTNERS 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 90-180, 180-270 AND 270-360 DEGREES AT TAPE LOCATION 115
011715	5 SUPPORT COLUMNS & FASTNERS 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 90-180 AND 180-270 DEGREES AT TAPE LOCATION 115
011718	6 GUIDE TUBES (EXTERIOR ONLY) & FASTNERS 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 90-180, 180-270 AND 270-360 DEGREES AT TAPE LOCATOPN 115



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL

ZONE NUMBER: 001		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>UPPER INTERNALS REF. DWG. NO. 541F639</u>						
011721	7 UPPER CORE PLATE FUEL ASSM. GUIDE PINS 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 90-180 AND 180-270 DEGREES AT TAPE LOCATION 258
011724	8 UPPER CORE PLATE ALIGN. KEYWAYS & FASTNE 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATION 180 DEGREES AT TAPE LOCATION 299
<u>UPPER INTERNALS REF. DWG. NO. 684J865</u>						
011727	9 UPPER CORE PLATE 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C - C - -	1-23-89 AT LOCATION 0-90 DEGREES (APPROX 10 DEG. 362 ON TAPE WEAR MARKS ON UPPER CORE PLATE PERIPHERY) AT 90-180, 180-270 AND 270-360 DEGREES NRI
<u>LOWER INTERNALS REF. DWG. NO. 685J102</u>						
011730	10 CORE BARREL FLANGE FLOW NOZZLES 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-24-89 AT LOCATION 90-180, 180-270 AND 270-360 DEGREE AT TAPE 448
<u>LOWER INTERNALS REF. DWG. NO. 883D989</u>						
011733	11 CORE BARREL & VESSEL HEAD ALIGN. PINS 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C - C - -	1-24-89 AT LOCATION 75 DEGREES TAPE LOCATION 431 LIGHT WEAR MARKS: AT LOCATIONS 165, 255 AND 345 DEGRESS TAPE LOCATION 466, 494, AND 535 NRI
<u>LOWER INTERNALS REF. DWG. NO. 684J951</u>						
011736	12 FLANGE TO UPPER BARREL WELD 58' LEVEL	B-N-3 B13.32	VT-3	ISI-88	C C - - -	1-24-89 AT LOCATIONS 180-270 AND 270-360 TAPE LOCATION 572



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TURKEY POINT NUCLEAR PLANT UNIT 4

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INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTSREACTOR PRESSURE VESSEL

ZONE NUMBER: 001		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

LOWER INTERNALS REF. DWG. NO. 684J951

011739	13	B-N-3	VT-3	ISI-88	C C - - -	1-24-89 AT LOCATION 180-270 AND 270-360 DEGREES AT TAPE 643
	UP BARREL - LOW BARREL MID	B13.32				
	PLANE GIRTH					
	58' LEVEL					

LOWER INTERNALS REF. DWG. NO. 685J063

011745	15	B-N-3	VT-3	ISI-88	C C - - -	1-24-89 100% EXAMINED TAPE LOCATION 749
	BAFFLE BOLTS & LOCKING DEVICES	B13.32				
	TOP 2 ROW					
	58' LEVEL					

LOWER INTERNALS REF. DWG. NO. 684J866

011748	16	B-N-3	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 90-180, 180-270 AND 270-360 DEGREES AT TAPE LOCATION 749
	LOWER CORE PLATE FOR DEBRIS	B13.32				
	58' LEVEL					
011751	17	B-N-3	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 0-90, 90-180, 180-270 AND 270-360 DEGREES AT TAPE LOCATION 749
	LOWER CORE PLATE SUP CLM	B13.32				
	BOLTING					
	58' LEVEL					
011754	18	B-N-3	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 0-90, 90-180, 180-270 AND 270-360 DEGREES AT TAPE LOCATION 749
	LOWER CORE PLATE INST GUIDE	B13.32				
	TUBE NUTS					
	58' LEVEL					
011757	19	B-N-3	VT-3	ISI-88	C C - - -	1-23-89 100% EXAMINED AT TAPE LOCATION 749
	LOWER CORE PLATE ACCESS COVER	B13.32				
	BOLTING					
	58' LEVEL					

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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REACTOR PRESSURE VESSEL

ZONE NUMBER: 001		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

LOWER INTERNALS REF. DWG. NO. 684J866

011760	20	B-N-3	VT-3	ISI-88	C C - - -	1-23-89 AT LOCATIONS 0-90, 90-180, 180-270 AND 270-360 AT TAPE 749 LOCATION
	LOWER CORE PLATE FUEL ASS	B13.32				
	GUIDE PINS					
	58' LEVEL					

VESSEL INTERIOR REF. DWG. NO. 004-V1

011793	31	B-N-1	VT-3	ISI-8	C C - - -	1-23-89 100% EXAMINED AT TAPE LOCATION 448
	RV TO HEAD MATING SURFACE ON	B13.10				
	VESSEL					
	58' LEVEL					
796	32	B-N-1	VT-3	ISI-8	C C - - -	1-24-89 EXAM PERFORMED ON REACTOR VESSEL HEAD WITH O RINGS IN PLACE
	RV TO HEAD MATING SURFACE ON	B13.10				
	HEAD					
	58' LEVEL					

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TURKEY POINT NUCLEAR PLANT UNIT 4

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INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTSRPV CLOSURE HEAD

ZONE NUMBER: 002		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

610-0116 REF. DWG. NO. 004-V2

028402	4-CH-S-50R	B-G-1	MT	NDE 2.2-85	C C - - - 1-11-89 BASELINE EXAMINATION PERFORMED
	RPV STUDS	B6.30	VT-1	NDE 4.1-9	C - - - ON NEW STUD
	58' LEVEL		UT	NDE 5.7-2	C - - -
			2-28-89	NIS-2	C - - -
UT-11					

REF. DWG. NO. 004-V2

034152	4-CH-N-50R	B-G-1	MT	NDE 2.2-85	C C - - - 1-11-89 BASELINE EXAMINATION COMPLETED
	RPV NUTS	B6.10	VT-1	NDE 4.1-9	C - - - ON NEW NUT
	58' LEVEL		UT	NDE 5.10-2	C - - -
			2-28-89	NIS-2	C - - -

039902	4-CH-LW-50R	B-G-1	VT-1	NDE 4.1-9	C C - - - 1-11-89 BASELINE EXAMINATION COMPLETED
	RPV LARGE WASHERS	B6.50	2-28-89	NIS-2	C - - - ON NEW WASHER
	58' LEVEL				

045702	4-CH-SW-50R	B-G-1	VT-1	NDE 4.1-9	C C - - - 1-11-89 BASELINE EXAMINATION COMPLETED
	RPV SMALL WASHERS	B6.50	2-28-89	NIS-2	C - - - ON NEW WASHER
	58' LEVEL				

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 1 COMPONENTS

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STEAM GENERATOR (B) PRIMARY SIDE

					N I O	
ZONE NUMBER: 004		ASME			S O N G T	
		SEC. XI			T R S E H	
SUMMARY EXAMINATION AREA		CATGY EXAM			A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	REMARKS

<u>4E2108 REF. DWG. NO. 004-V9B</u>						
051700	4-SGB-Z	B-B	UT 0 WRV	NDE 5.1-16	C C - - -	11-29-88 UT COMPLETE 2 INDICATIONS NOTED
	HEAD - TO - TUBESHEET WELD	82.40	UT 0, MT'L	NDE 5.1-16	C - - -	DETERMINED TO BE CAUSED BY ID GEOMETRY
			UT 45 AX	NDE 5.1-16	- - C -	FROM THE TUBE SHEET
			UT 45 CIRC	NDE 5.1-16	C - - -	
			UT 60 AX	NDE 5.1-16	- - C -	**UT-8**
			UT 60 CIRC	NDE 5.1-16	C - - -	
051800	4-SGB-I-IRS	B-D	UT 45 AX	NDE 5.13-4	C C - - -	11-30-88 UT COMPLETE: LIMITED EXAM DUE
	INLET NOZZLE IR	83.140				TO INSULATION SUPPORT BRACKETS AND STEAM
						GENERATOR SUPPORT.
						ST. GEN. MOCKUP
051900	4-SGB-O-IRS	B-D	UT 45 AX	NDE 5.13-4	C - - - C	11-30-88 UT COMPLETE 2 INDICATIONS
	OUTLET NOZZLE IR	83.140				DETERMINED TO BE A SPOT: LIMITED EXAM
						DUE TO INSULATION SUPPORT BRACKETS AND
						STEAM GENERATOR SUPPORT.
						ST. GEN. MOCKUP
052000	4-SGB-I (1-16)	B-G-2	VT-1	NDE 4.1-72	C - - - C	11-3-88 VT COMPLETE, BOLTS #6, 15, AND 1
	INLET MANWAY BOLTING	87.30	11-8-88	CNF-88-4-052	- - - C	HAVE NICKED THREADS, BOLTS REPLACED
			VT TS 10.1	M-88-1785	C - - -	
052100	4-SGB-O (1-16)	B-G-2	VT-1	NDE 4.1-72	C - - - C	11-3-88 VT COMPLETE
	OUTLET MANWAY BOLTING	87.30	11-8-88	CNF-88-4-052	- - - C	
			VT TS 10.1	M-88-1785	C - - -	
052511	CHANNEL HEAD	N/A	UT 45 AX	NDE 5.17-1	A - - - C	12-8-88 AUGMENTED EXAMINATION, ONLY
	CHANNEL HEAD CLAD CRACKING	N/A				INDICATION NO. 8 HAS APPEARED TO CHANGE
						UT-9

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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STEAM GENERATOR (C) PRIMARY SIDE

ZONE NUMBER: 005		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

4E210C REF. DWG. NO. 004-V9C

053411	CHANNEL HEAD	N/A	UT 45 AX	NDE 5.17-1	A - - - C	12-8-88 AUGMENTED EXAM, NO CHANGE IN
	CHANNEL HEAD CLAD CRACKING	N/A				INDICATIONS: DOCUMENTATION OF THIS
						EXAMINATION IS CONTROLLED BY THE
						NDE/INSPECTION GROUP AND IS NOT PART OF
						THIS REPORT.
						UT-9



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 1 COMPONENTS

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PRESSURIZER

ZONE NUMBER: 006		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>4T200 REF. DWG. NO. 004-V5</u>						
053600	04-SRGN-01-IR SURGE NOZZLE I.R.	B-D B3.120	UT 30 AX UT 60	NDE 5.13-3 NDE 5.13-3	C C - - - C - - -	11-30-88 UT COMPLETE ZONE 3 AND ZONE 1: LIMITED EXAM DUE TO HEATER PENETRATIONS. **UT-8**
053700	04-PCW-8 SUPPORT SKIRT - TO - HEAD	--- ---			C	WELD IS OUT OF THE CODE REQUIRED EXAMINATION VOLUME, HEAD T = 5", IWB-2500-14 STATES THE IWB BOUNDARY IS T (5") DOWN FROM THE ARCH OF THE SUPPORT, THE SKIRT WELD IS 10" DOWN FROM THE ARCH (NO EXAMINATION REQUIRED)
053800	04-PLW-2 UPPER SHELL LONG SEAM	B-B B2.12	UT 0 DEG UT 45 AX UT 60 AX	NDE 5.1-27 NDE 5.1-27 NDE 5.1-27	C C - - - C - - - C - - -	1-31-89 UT COMPLETE 12" OF LONG SEAM AT INTERSECTION OF 04-PCW-7 **UT-6**
054400	04-PCW-7 UPPER SHELL - TO - HEAD	B-B B2.11	UT 0 UT 45 AX UT 45 CIRC UT 60 AX UT 60 CIRC	NDE 5.1-17 NDE 5.1-17 NDE 5.1-17 NDE 5.1-17 NDE 5.1-17	C C - - - C - - - C - - - C - - - C - - -	12-1-88 UT COMPLETE: LIMITED EXAM DUE TO WELDED PADS, BRANCH CONNECTION, AND INACCESSABLE AREA. **UT-8**
054600	RV-04-551A-IR SAFETY NOZZLE I.R.	B-D B3.120	UT 30 AX UT 60 AX	NDE 5.13-5 NDE 5.13-5	C C - - - C - - -	12-6-88 UT COMPLETE **UT-8**
055000	RV-04-551C-IR SAFETY NOZZLE I.R.	B-D B3.120	UT 30 AX UT 60 AX	NDE 5.13-5 NDE 5.13-5	C C - - - C - - -	12-6-88 UT COMPLETE **UT-8**



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TURKEY POINT NUCLEAR PLANT UNIT 4
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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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PRESSURIZER

ZONE NUMBER: 006		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

4T200 REF. DWG. NO. 004-V5

055400	SP-04-1-IR	B-D	UT 30	NDE 5.13-6	C C - - -	1-28-89 ZONE 1 AND ZONE 3 COMPLETE:
	SPRAY NOZZLE I.R.	B3.120	UT 60	NDE 5.13-6	C - - -	LIMITED EXAM DUE TO RAISED LETTERS

UT-8

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INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 1 COMPONENTS

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MAIN REACTOR COOLANT PIPING LOOP A COLD LEG

ZONE NUMBER: 007		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A1

056100	31"-RCS-1401-8	B-J	PT	NDE 3.3-176	C	C - - - 10-4-88 PT COMPLETE: 10-17-88 UT 45 AX
	ELBOW - TO - PIPE	B9.11	UT 45 AX	NDE 5.5-5	C	C - - - AND CIRC WITH UT-26 ELBOW SIDE: 10-17-88
			UT 45 CIRC	NDE 5.5-6	C	C - - - UT 45 AX WITH UT-46: 10-17-88 UT 45 CIRC
			UT 45 AX	NDE 5.5-7	C	C - - - WITH UT-12 PIPE SIDE
			UT 45 CIRC	NDE 5.5-8	C	C - - - **UT-12, UT-26, UT-46**

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**TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS**

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MAIN REACTOR COOLANT PIPING LOOP A HOT LEG

ZONE NUMBER: 008

ASME
SEC. XI

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

SUMMARY EXAMINATION AREA

CATGY	EXAM
-------	------

A	E	I	O	E	REMARKS
					0800
					0900
					1000
					1100
					1200
					1300
					1400
					1500
					1600
					1700
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					2000
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NUMBER	IDENTIFICATION
1	10-10-68
2	10-10-68
3	10-10-68
4	10-10-68
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7	10-10-68
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62	10-10-68
63	10-10-68
64	10-10-68
65	10-10-68
66	10-10-68
67	10-10-68
68	10-10-68
69	10-10-68
70	10-10-68
71	10-10-68
72	10-10-68
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77	10-10-68
78	10-10-68
79	10-10-68
80	10-10-68
81	10-10-68
82	10-10-68
83	10-10-68
84	10-10-68
85	10-10-68
86	10-10-68
87	10-10-68
88	10-10-68
89	10-10-68
90	10-10-68
91	10-10-68
92	10-10-68
93	10-10-68
94	10-10-68
95	10-10-68
96	10-10-68
97	10-10-68
98	10-10-68
99	10-10-68
100	10-10-68

ITEM NO	METHOD	PROCEDURE
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T C G M R **CALIBRATION BLOCK**

HOT LEG REF. DWG. NO. 004-A2

056900 29"-RCS-1404-4

B-F PT NDE 3.3-181

C C - - - 10-6-88 PT COMPLETE: 10-17-88 UT

ELBOW - TO - S.G. NOZZLE

B5.30 UT 45 AX NDE 5.5-1

C - - - COMPLETE: NO EXAM UPSTREAM DUE TO THE

UT 45 CIRC NDE 5.5-2

C - - - NOZZLE CONFIGURATION

****UT-26****

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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MAIN REACTOR COOLANT PIPING LOOP B COLD LEG

ZONE NUMBER: 010		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOO	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

COLD LEG REF. DWG. NO. 004-A4

057900	31"-RCS-1402-5	B-F	PT	NDE 3.3-174	C C - - - 10-4-88 PT COMPLETE: 10-15-88 UT
	S.G. NOZZLE - TO - ELBOW	B5.10	UT 45 CIRC	NDE 5.5-11	C - - - COMPLETE: NO EXAM UPSTREAM DUE TO THE
			UT 45 AX	NDE 5.5-14	C - - - NOZZLE CONFIGURATION
					UT-26
058000	31"-RCS-1402-6	B-J	PT	NDE 3.3-173	C C - - - 10-4-88 PT COMPLETE: 10-15-88 UT
	ELBOW - TO - PIPE	B9.11	UT 45 CIRC	NDE 5.5-12	C - - - COMPLETE, ROOT GEOMETRY
			UT 45 CIRC	NDE 5.5-13	C - - -
			UT 45 AX	NDE 5.5-14	C - - -
			UT 45 AX	NDE 5.5-15	- - C - **UT-26, UT-12, UT-46**
058300	31"-RCS-1402-BC-19	B-J	PT	NDE 3.3-175	C C - - - 10-4-88 PT COMPLETE
	BRANCH CONN. (2"-RC-1402)	B9.32			

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N I O

ASME

S O N G T

SEC. XI

T R S E H

SUMMARY EXAMINATION AREA

CATGY

EXAM

A E I O E

REMARKS

[illegible]

ITEM NO

METHOD

PROCEDURE

T C G M R

****CALIBRATION BLOCK****

HOT LEG REF. DWG. NO. 004-A5

059200 29"-RCS-1405-4

B-J

PT

NDE 3.3-186

C C - - -

10-7-88 PT COMPLETE: 10-15-88 UT

ELBOW - TO - S.G. NOZZLE

B5.30

UT 45 AX

NDE 5.5-3

C - - -

COMPLETE: NO EXAM DOWNSTREAM DUE TO

UT 45 CIRC NDE 5.5-4

C - - -

NOZZLE CONFIGURATION

UT-26



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
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PRESSURIZER SURGE LINE

ZONE NUMBER: 016		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-A10					
062350	14"-RC-1401 GENERAL VISUAL FOR EVIDENCE OF MOVEMENT	NRC 88-80	VT-1 11-4-88	NDE 4.1-62 CNR-88-4-038	C - - - C 10-20-88 EXAMINED ENTIRE SURGE LINE, DAMAGED INSULATION IN TWO AREAS: CNF-88-4-038 ISSUED TO PLANT FOR PROCESSING IAW PLANT PROCEDURES:
062400	12"-RC-1401-1 REDUCER - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-274 NDE 5.4-24 NDE 5.4-24 NDE 5.4-24	C C - - - 10-21-88 PT COMPLETE: 10-25-88 UT - - C - COMPLETE, ID GEOMETRY C - - - C - - - **UT-34**
062700	12"-RC-1401-4 ELBOW - TO - PIPE	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-271 NDE 5.4-28 NDE 5.4-28 NDE 5.4-28	C C - - - 10-19-88 PT COMPLETE: 11-1-88 UT - - C - COMPLETE, ROOT GEOMETRY: LIMITED C - - - EXAMINATION DUE TO PIPE SUPPORT - - C - INTERFERENCE **UT-34**
062710	4-SR-400 LINEAR TYPE SUPPORT 25'-71/2"	F-B F2.10	VT-3 11-4-88 11-4-88 1-24-89 VT-3 3-6-89	NDE 4.3-114 CNR-88-4-038 NCR-88-0173 NCR-N-89-0083 TS9.9-M89-469 NIS-2	C - - - C 10-26-88 VT-3 COMPLETE, ATTACHMENT TO - - - C STRUCTURE HAS INADEQUATE THREAD - - - C ENGAGEMENT; ALL THREE TACK WELDS ON - - - C UPSTREAM END ON SADDLE ARE CRACKED; EXAM C - - - SUBJECT TO NRC IN 88-80 C - - -
062720	4-SR-400 COMPONENT STANDARD SUPPORT 25'-71/2"	F-C F3.50	VT-4 11-4-88 11-4-88 1-12-89 VT-4	NDE 4.3-114 CNR-88-4-038 NCR-88-0173 NCR-N-89-0083 TS9.9-M89-469	C - - - C 10-26-88 VT-4 COMPLETE RECORDED SETTING - - - C 1379 (EXCEEDS ACCEPTANCE CRITERIA FOR - - - C THESE SPRING CANS, HOT LOAD = 1916, COLD - - - C LOAD 1454; CNF-88-4-038 ISSUED; SUBJECT C - - - EXAM NRC IN 88-80, READJUSTED TO COLD LOAD

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 1 COMPONENTS

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PRESSURIZER SAFETY LINE

						N I O		
ZONE NUMBER: 017		ASME				S O N G T		
		SEC. XI				T R S E H		
SUMMARY EXAMINATION AREA		CATGY	EXAM			A E I O E	REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T C G H R	**CALIBRATION BLOCK**	

<u>REF. DWG. NO. 004-A11</u>								
063300	4"-RC-1401-1A	B-F	PT	NDE 3.3-320		C C - - -	11-4-88 PT COMPLETE	
	NOZZLE - TO - SAFE-END	B5.40	UT 45 AX	NDE 5.4-37		C - - -	12-2-88 UT COMPLETE	
			UT 45 CIRC	NDE 5.4-37		C - - -		
			UT 60 AX	NDE 5.4-37		C - - -		
							UT-45	
063800	4"-RC-1401-5	B-J	PT	NDE 3.3-333		C C - - -	11-10-88 PT COMPLETE	
	PIPE - TO - ELBOW	B9.11	UT 45 AX	NDE 5.4-37		C - - -	12-2-88 UT COMPLETE	
			UT 45 CIRC	NDE 5.4-37		C - - -		
			UT 60 AX	NDE 5.4-37		C - - -		
							UT-45	
064200	4"-RC-1401-9	B-J	PT	NDE 3.3-338		C C - - -	12-2-88 PT COMPLETE: 12-2-88 UT	
	PIPE - TO - FLANGE	B9.11	UT 45 AX	NDE 5.4-37		C - - -	COMPLETE: NO EXAM DOWNSTREAM DUE TO	
			UT 45 CIRC	NDE 5.4-37		C - - -	FLANGE CONFIGURATION	
			UT 60 AX	NDE 5.4-37		C - - -		
							UT-45	
064300	RV-4-551A	B-G-2	VT-1	NDE 4.1-82		C - - - C	11-7-88 COMPLETE INCOMPLETE THREAD	
	VALVE BOLTING	B7.70	11-11-88	CNR-88-4-058		- - - C	ENGAGEMENT 2 NUTS ON LIFTING ATTACHMENT	
	72'-0"						CNF-88-4-058 ISSUED TO PLANT FOR ACTION:	
							DETERMINED BY PLANT MAINTENANCE NOT A	
							DESCREPANT CONDITION: CNF CLOSED 1-24-89	



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**TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 1 COMPONENTS**

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PRESSURIZER SAFETY LINE

ZONE NUMBER: 018

ASME

N I O

SEC. XI

S O N G T

SUMMARY EXAMINATION AREA

CATGY	EXAM
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T R S E H

REMARKS

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ITEM NO	METHOD	PROCEDURE
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****CALIBRATION BLOCK****

REF. DWG. NO. 004-A12

064400 4"-RC-1402-1A
NOZZLE - TO - SAFE-END

B-F	PT	NDE 3.3-324
B5.40	UT 45 AX	NDE 5.4-40
	UT 45 CIRC	NDE 5.4-40
	UT 60 AX	NDE 5.4-40

C C - - - 11-4-88 PT COMPLETE
C - - - 12-2-88 UT COMPLETE
C - - -
C - - -

****UT-45****

064900 4"-RC-1402-5
PIPE - TO - ELBOW

B-J	PT	NDE 3.3-323
B9.11	UT 45 AX	NDE 5.4-40
	UT 45 CIRC	NDE 5.4-40
	UT 60 AX	NDE 5.4-40

C 1 C - - - 11-4-88 PT COMPLETE
C - - - 12-2-88 UT COMPLETE
C - - -
C - - -

****UT-45****

400 RV-4-551B
VALVE BOLTING

B-G-2 VT-1 NDE 4.1-83
87.70 11-11-88 CNR-88-4-058

C - - - C 11-7-88 VT COMPLETE, INADEQUATE THREAD
- - - C ENGAGEMENT ON LIFTING ATTACHMENT, 8
STUDS & 8 NUTS: DETERMINED BY PLANT
MAINTENANCE TO BE AN ACCEPTABLE
CONDITION

100-100-100





ZONE NUMBER: 019

SUMMARY EXAMINATION AREA

4"-RC-1403-1A
NOZZLE - TO - SAFE-END

NOZZLE - TO - SAFE-END

PIPE - TO - ELBOW

****UT-45****



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INSERVICE INSPECTION FINAL REPORT TABLES

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CLASS 1 COMPONENTS

PRESSURIZER SPRAY LINE

ZONE NUMBER: 020

ASME

N I O

SEC. XI

S O N G T

SUMMARY EXAMINATION AREA

CATGY	EXAM
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ITEM NO	METHOD
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PROCEDURE

A E I O E

REMARKS

T C G M R

****CALIBRATION BLOCK****

REF. DWG. NO. 004-A14

066900 4"-RC-1404-4
PIPE - TO - ELBOW

8-J PT NDE 3.3-332
89.11 UT 45 AX NDE 5.4-35
UT 45 CIRC NDE 5.4-35
UT 60 AX NDE 5.4-35

C C - - - 11-5-88 PT COMPLETE
C - - - 12-1-88 UT COMPLETE SCAN LIMITATION
C - - -
C - - -

****UT-45****

068700 4"-RC-1404-22
ELBOW - TO - PIPE

B-J PT NDE 3.3-343
B9.11 UT 45 AX NDE 5.4-41
UT 45 CIRC NDE 5.4-41
UT 60 AX NDE 5.4-41

C C - - - 1-29-89 COMPLETE
C - - -
C - - -
C - - -

****UT-45****



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 1 COMPONENTS

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PRESSURIZER SPRAY LINE FROM LOOP B SUPP. & HANGERS

ZONE NUMBER: 020		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A14

069700	WR-38 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-131	C C - - -	11-2-88 VT-3 COMPLETE
071000	4-RCH-6 SPRING SUPPORT	F-C F3.10	VT-3	NDE 4.3-154	C - - - C	11-7-88 COMPLETE INCORRECT PIN
			11-11-88	CNR-88-4-059	- - - C	INSTALLED, SAFETY WIRE VISIBLE SIDE NO
			12-22-88	NCR-88-0252	C - - -	LOCKING DEVICE, RUST ON CLAMP,
			1-24-89	NCR-N-89-0160	C - - -	INCOMPLETE NUT ENGAGEMENT ON PIPE CLAMP
			VT-3	M89-472	C - - -	
071100	4-RCH-6 SPRING SUPPORT	F-C F3.50	VT-3	NDE 4.3-154	C - - - C	11-7-88 COMPLETE, ACCEPTANCE CRITERIA
			11-11-88	CNR-88-4-059	- - - C	HL=2728 CL=2728, RECORDED SETTING = 0:
			12-22-88	NCR-88-0252	C - - -	EXCEEDS THE ACCEPTANCE CRITERIA
			1-24-89	NCR-N-89-0160	C - - -	CNF-88-4-059
			VT-3	M89-472	C - - -	

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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PRESSURIZER SPRAY LINE

ZONE NUMBER: 021		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A15

071400	4"-RC-1405-3 PIPE - TO - ELBOW	B-J	PT	NDE 3.3-309	C	C - - -	10-29-88 PT COMPLETE
		B9.11	UT 45 AX	NDE 5.4-36	C	C - - -	12-1-88 UT COMPLETE
			UT 45 CIRC	NDE 5.4-36	C	C - - -	
			UT 60 AX	NDE 5.4-36	C	C - - -	
							UT-45

072600	4"-RC-1405-FW-15 PIPE - TO - ELBOW	B-J	PT	NDE 3.3-206	C	C - - -	10-10-88 PT COMPLETE
		B9.11	UT 45 AX	NDE 5.4-36	C	C - - -	12-1-88 UT COMPLETE
			UT 45 CIRC	NDE 5.4-36	C	C - - -	
			UT 60 AX	NDE 5.4-36	C	C - - -	
							UT-45

200	4"-RC-1405-21 PIPE - TO - ELBOW	B-J	PT	NDE 3.3-210	C	C - - -	10-10-88 PT COMPLETE
		B9.11	UT 45 AX	NDE 5.4-36	C	C - - -	12-1-88 UT COMPLETE
			UT 45 CIRC	NDE 5.4-36	C	C - - -	
			UT 60 AX	NDE 5.4-36	C	C - - -	
							UT-45

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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PRESSURIZER SPRAY LINE FROM LOOP C SUPP. & HANGERS

ZONE NUMBER: 021		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A15

075700	4-RCH-36X SPRING CAN HANGER	F-C F3.10	VT-3	NDE 4.3-112	C C - - -	10-18-88 COMPLETE
075800	4-RCH-36X SPRING CAN HANGER	F-C F3.50	VT-4 10-21-88	NDE 4.3-112 CNR-88-4-035	C - - - C - - - C	10-18-88 VT COMPLETE: CNF-88-4-035 ISSUED FOR SETTING OUT OF RANGE, WILL BE CORRECTED DURING FUTURE OUTAGE, ACCEPTABLE AS IS, WILL BE RESCHEDULED FOR NEXT OUTAGE

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PRESSURIZER RELIEF LINE

ZONE NUMBER: 022

ASME

N I O

SEC. XI

S O N G T

SUMMARY EXAMINATION AREA

CATGY

EXAM

T R S E H

REMARKS

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ITEM NO

METHOD

PROCEDURE

A E I O E

T C G H R

****CALIBRATION BLOCK****

REF. DWG. NO. 004-A16

076800 4"-RC-1406-1
SAFE-END - TO - ELBOW

B-J

PT

NDE 3.3-334

C

C - - -

11-11-88 PT COMPLETE

B9.11

UT 45 AX

NDE 5.4-39

C - - -

12-2-88 UT COMPLETE

UT 45 CIRC NDE 5.4-39

C - - -

UT 60 AX NDE 5.4-39

C - - -

****UT-45****



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TURKEY POINT NUCLEAR PLANT UNIT 4
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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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COLD LEG DRAIN LINE LOOP C

ZONE NUMBER: 028		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A22

084300	2"-RC-1403-3 ELBOW - TO - PIPE	B-J 89.40	PT	NDE 3.3-298	C C - - -	10-28-88 PT COMPLETE
084400	2"-RC-1403-4 PIPE - TO - VALVE (V505A)	B-J 89.40	PT	NDE 3.3-299	C C - - -	10-28-88 PT COMPLETE



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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AUXILIARY SPRAY LINE

ZONE NUMBER: 035		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A29

110600	2"-RC-1410-24 PIPE - TO - ELBOW	B-J 89.40	PT	NDE 3.3-179	C C - - -	10-6-88 PT COMPLETE
110700	2"-RC-1410-25 ELBOW - TO - PIPE	B-J 89.40	PT	NDE 3.3-180	C C - - -	10-6-88 PT COMPLETE
111500	2"-RC-1410-33 VALVE (4-313) - TO - PIPE 75'-0"	B-J 89.21	PT UT 45 AX UT 70 AX	NDE 3.3-342 NDE 5.19-1 NDE 5.19-1	A C - - - C - - - C - - -	1-28-89 UT COMPLETE: EXAMINED FOR NRC BULLETIN NO. 88-08 **UT-44**
111600	2"-RC-1410-34 PIPE - TO - RED. TEE 75'-0"	B-J 89.21	PT UT 45 AX UT 70 AX	NDE 3.3-341 NDE 5.19-1 NDE 5.19-1	A C - - - C - - - C - - -	1-28-89 UT COMPLETE: EXAMINED FOR NRC BULLETIN NO. 88-08 **UT-44**



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 1 COMPONENTS

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AUXILIARY SPRAY LINE SUPPORTS AND HANGERS

ZONE NUMBER: 035		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-A29</u>						
113000	SR-927 SPRING HANGER	F-C F3.10	VT-3	NDE 4.3-95	C C - - -	10-6-88 VT COMPLETE
113100	SR-927 SPRING HANGER	F-C F3.50	VT-4 10-8-88 3-8-89	NDE 4.3-95 CNR-88-4-030 NCR-89-0125	C - - - C	10-6-88 VT COMPLETE, CNF-88-4-030 ISSUED FOR SETTING OUT OF RANGE, WILL BE CORRECTED DURING FUTURE OUTAGE, ACCEPTABLE AS-IS, WILL BE RESCHEDULED FOR NEXT OUTAGE
113600	779D U-BOLT RESTRAINT	F-C F3.10	VT-3	NDE 4.3-96	C C - - -	10-6-88 VT COMPLETE

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 1 COMPONENTS

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HOT LEG RHR LOOP A

ZONE NUMBER: 036		ASME			N I O	
SUMMARY EXAMINATION AREA		SEC. XI			S O N G T	
NUMBER	IDENTIFICATION	CATGY	EXAM		T R S E H	
		ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-A30</u>						
115200	14"-RHR-1401-5 PIPE - TO - VALVE 4-750	B-J 89.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-184 NDE 5.4-26 NDE 5.4-26 NDE 5.4-26	C C - - - - - C - C - - - - - C -	10-7-88 PT COMPLETE: 10-21-88 UT COMPLETE, ROOT GEOMETRY: NO EXAM DOWNSTREAM DUE TO VALVE CONFIGURATION. **UT-30**
115500	VALVE 4-750 BOLTING	B-G-2 87.70	VT-1 10-21-88	NDE 4.1-58 CNR-88-4-036	C - - - C - - - C	10-7-88 VT COMPLETE, STUD STAMPED #11 HAS THREAD DAMAGE BETWEEN VALVE BODY AND BONNET. CNF-88-4-036 ISSUED: JPNS EVALUATION MAINTENANCE TO REPLACE THE AFFECTED STUD DURING THE NEXT CONVENIENT MAINTENANCE OPPORTUNITY, WILL BE RESCHEDULED FOR NEXT OUTAGE
115600	14"-RHR-1401-7 PIPE - TO - PIPE	B-J 89.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-185 NDE 5.4-26 NDE 5.4-26 NDE 5.4-26	C C - - - - - C - C - - - - - C -	10-7-88 PT COMPLETE: 10-21-88 UT COMPLETE, ROOT GEOMETRY **UT-30**

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TURKEY POINT NUCLEAR PLANT UNIT 4
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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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RHR HOT LEG LOOP A SUPPORTS & HANGERS

ZONE NUMBER: 036		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOO	PROCEDURE	A E I O E	REMARKS
-----		-----	-----	-----	T C G H R	**CALIBRATION BLOCK**
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<u>REF. DWG. NO. 004-A30</u>						
116800	4-ACH-180 STRUT SUPPORT	F-C F3.10	VT-3	NDE 4.3-97	C C - - -	10-7-88 VT COMPLETE
116900	4-ACH-179 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-222	E C - - -	12-9-88 VT COMPLETE: ADDITIONAL EXAM
117000	PS-3 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-104	C - - - C	10-7-88 VT COMPLETE, CNF-88-4-032 ISSUED
			10-21-88	CNF-88-4-032	- - - C	FOR BASE PLATE NUTS AND BOLTS HAVING
			12-4-88	NCR-C-0593-88	- - - C	BORIC ACID RESIDUE (LIGHT) AND A GAP
			10-25-88	NCR-88-0162	- - - C	BETWEEN BASE PLATE AND WALL: ENGINEERING
			VT-3	M88-2261	- - - C	EVALUATION RETORQUE BOLTS: ACCEPT PER
			VISUAL	M88-2262	- - - C	TELEDYNE EVALUATION LETTER 7048D-2
						1/7/89



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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SI & RHR LOOP A

ZONE NUMBER: 037		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A31

117100	VALVE CV-876A VALVE INTERIOR SURFACES	B-M-2 B12.40	VT-3 12-22-88	NDE 4.3-152 WA880609073237	C C - - - C - - -	11-7-88 COMPLETE; REPLACED RETAINING BLOCK STUDS & NUTS; NRC INFORMATION NOTICE 88-85
- 117200	VALVE CV-876A VALVE BOLTING	B-G-2 B7.70	VT-1 VT-1 MT VT-1 11-11-88 10-24-88	NDE 4.1-60 NDE 4.1-81 NDE 2.2-68 NDE 4.1-95 CNR-88-4-057 WA880609073237	C C - - - - - - C C - - - C - - - - - - C C - - -	10-18-88 VT COMPLETE, EXAMINED 16 STUDS AND NUTS: 11-4-88 2 STUDS EXAMINED AUGMENTED EXAMINATION: 11-7-88 COMPLETELY REMOVED AND REPLACED
117800	VALVE CV876E VALVE INTERIOR SURFACES	B-M-2 B12.40	VT-3 MT	NDE 4.3-172 NDE 2.2-80	C C - - - C - - -	11-10-88 VT COMPLETE: 11-21-88 MT COMPLETE, IE NOTICE 88-85 OF RETAINING BLOCK STUDS (2)
117900	VALVE CV876E VALVE BOLTING	B-G-2 B7.70	VT-1	NDE 4.1-86	C C - - -	11-10-88 VT COMPLETE 16 STUDS & 16 NUTS
118000	8"-RHR-1401-6 VALVE 4-876E - TO - PIPE	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-267 NDE 5.4-21 NDE 5.4-21 NDE 5.4-21	C C - - - - - C - C - - - C - - -	10-18-88 PT COMPLETE: 10-21-88 UT COMPLETE, COUNTERBORE GEOMETRY **UT-41**
120200	VALVE CV875A VALVE BOLTING	B-G-2 B7.70	VT-1	NDE 4.1-59	C C - - -	10-18-88 VT COMPLETE, EXAMINED IN PLACE 16 STUDS AND NUTS
120500	10"-SI-1401-16 PIPE - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-245 NDE 5.4-22 NDE 5.4-22 NDE 5.4-22	A C - - - - - C - C - - - - - C -	10-13-88 PT COMPLETE: 10-22-88 UT COMPLETE, ROOT GEOMETRY: EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-01 **UT-27**

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SI & RHR LOOP-A

ZONE NUMBER: 037

ASME
SEC. XI

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 T R S E H

SUMMARY EXAMINATION AREA

CATGY	EXAM
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ITEM NO	METHOD	PROCEDURE
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T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-A31

120650 10"-SI-1401-17A
ELBOW - TO - PIPE

B-J	PT	NDE 3.3-246
B9.11	UT 45 AX	NDE 5.4-22
	UT 45 CIRC	NDE 5.4-22
	UT 60 AX	NDE 5.4-22

C C - - 10-13-88 PT COMPLETE: 10-22-88 UT
- - C - COMPLETE, ROOT GEOMETRY
C - -
C - -

****UT-27****

02-24-78

11-11-78

12-12-78

13-13-78

14-14-78

15-15-78



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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
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SAFETY INJECTION LOOP A SUPPORTS & HANGERS

ZONE NUMBER: 037		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

5614-H-509 REF. DWG. NO. 004-A31

120800	SR-450-D	F-B	VT-3	NDE 4.3-109	C C - - -	10-18-88 VT COMPLETE: REEXAMINATION PER
	RESTRAINT (BOLTED)	F2.10				IWF-2430(B)
	21'-0"					



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SI & RHR LOOP B

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

REF. DWG. NO. 004-A32							
121500	10"-SI-1402-1 VALVE 4-875E - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-303 NDE 5.4-30 NDE 5.4-30 NDE 5.4-30	C C - - - - - C - C - - - - - C -		10-24-88 PT COMPLETE: 11-1-88 UT COMPLETE, BEAM REDIRECTION TO INSIDE SURFACE: NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION **UT-27**
122900	VALVE 4-875B VALVE BOLTING	B-G-2 B7.70	VT-1 11-8-88 TS 9.9-3.2 M88-2288	NDE 4.1-63 CNF-88-4-040	C - - - C - - - C C - - -		11-1-88 16 NUTS AND 16 STUDS EXAMINED, INCOMPLETE THREAD ENGAGEMENT (11 EACH) CNF-88-4-040 ISSUED: RETORQUE BOLTS PER PC/M 88-454
123100	10"-SI-1402-15 ELBOW - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-293 NDE 5.4-30 NDE 5.4-30 NDE 5.4-30	A C - - - - - C - C - - - - - C -		10-22-88 PT COMPLETE: 11-1-88 UT COMPLETE, BEAM REDIRECTION TO INSIDE SURFACE: EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-01 **UT-27**
123200	10"-SI-1402-16 ELBOW - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-294 NDE 5.4-30 NDE 5.4-30 NDE 5.4-30	A C - - - - - C - C - - - - - C -		10-22-88 PT COMPLETE: 11-1-88 UT COMPLETE, ID GEOMETRY: EXAMINED PER NRC BULLETIN 88-01 **UT-27**
123410	VALVE 4-876B RETAINING BLOCK STUDS	--- ---	MT	NDE 2.2-79	C C - - -		11-28-88 MT COMPLETE: 2 RETAINING BLOCK STUDS EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-85
123500	VALVE 4-876B BOLTING	B-G-2 B7.70	VT-1	NDE 4.1-94	C C - - -		12-5-88 VT COMPLETE 9 REPLACEMENT STUDS BASELINE
124010	VALVE 4-876D RETAINING BLOCK STUDS	--- ---	MT	NDE 2.2-81	C C - - -		11-21-88 MT COMPLETE: 2 RETAINING BLOCKS EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-85

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SI & RHR LOOP B

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		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A32

124100	VALVE 4-8760 VALVE BOLTING	B-G-2 87.70	VT-1	NDE 4.1-93	C C - - -	12-5-88 VT-1 ON 15 REPLACEMENT STUDS BASELINE
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124400	8"-RHR-1402-7 TEE - TO - RED. TEE	B-J 89.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-297 NDE 5.4-27 NDE 5.4-27 NDE 5.4-27	C C - - - C - - - C - - - - - C -	10-24-88 PT COMPLETE: 10-25-88 UT COMPLETE, ROOT GEOMETRY: LIMITED EXAM DUE TO TEE CONFIGURATION **UT-41**
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TURKEY POINT NUCLEAR PLANT UNIT 4
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SI & RHR LOOP C

ZONE NUMBER: 039		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
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REF. DWG. NO. 004-A33						
124710	VALVE 4-876C RETAINING BLOCK STUDS	---	MT	NDE 2.2-82	C C - - -	11-28-88 MT COMPLETE: 2 RETAINING BLOCK STUDS EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-85
125000	8"-RHR-1404-2 ELBOW - TO - PIPE	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-260 NDE 5.4-19 NDE 5.4-19 NDE 5.4-19	C C - - - - - C - C - - - - - C -	10-17-88 PT COMPLETE; 10-21-88 UT COMPLETE, COUNTERBORE, BEAM REDIRECTION, AND ROOT GEOMETRY **UT-41**
125300	VALVE 4-875F INTERIOR SURFACE	B-M-2 B12.40	VT-3 12-9-88 12-23-88 VLA REPAIR	NDE 4.3-173 CNR-88-4-069 WA880607112020 O-CMM-062.3	C - - - C - - - C C - - - C - - -	11-29-88 VT-3 COMPLETE, SURFACE PITTING NOTED ON SEALING SURFACE OF VALVE BODY AND ON FLAPPER; CNF-88-4-069 ISSUED, PWO ISSUED FOR REPAIR, REPLACED RETAINING BLOCK STUDS & NUTS, EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-85
125400	VALVE 4-875F VALVE BOLTING	B-G-2 B7.70	VT-1 12-9-88 12-23-88 VT-1 TS	NDE 4.1-91 CNR-88-4-069 WA880607112020 10.1-M88-2205	C - - - C - - - C C - - - C - - -	11-29-88 VT COMPLETE: 2 STUDS HAD THREAD DAMAGE, 4 STUDS WERE STILL IN VALVE: VALVE STAINLESS STEEL, BOLTING CARBON STEEL CNF-88-4-069 ISSUED; REPLACED STUDS AND NUTS VT-1 COMPLETE 12-17-88 BY CONSTRUCTION QC
125800	10"-SI-1403-4 ELBOW - TO - PIPE	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-261 NDE 5.4-34 NDE 5.4-34 NDE 5.4-34	C C - - - C - - - C - - - C - - -	10-17-88 PT COMPLETE 11-6-88 UT COMPLETE **UT-27**
126900	VALVE 4-875C VALVE BOLTING	B-G-2 B7.70	VT-1	NDE 4.1-64	C C - - -	11-1-88 VT-1 COMPLETE



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SI & RHR LOOP C

SUMMARY EXAMINATION AREA		ASME			N I O	
NUMBER	IDENTIFICATION	SEC. XI	CATGY	EXAM		REMARKS
		ITEM NO	METHOD	PROCEDURE	A E I O E	
					T C G H R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-A33</u>						
127000	10"-SI-1403-14 VALVE 4-875C - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-262 NDE 5.4-32 NDE 5.4-32 NDE 5.4-33	C C - - - C - - - C - - - - - C -	10-17-88 PT COMPLETE: 10-24-88 UT 45 COMPLETE; 11-2-88 UT 60 COMPLETE: NO EXAM UPSTREAM DUE TO VALVE CONFIGURATION **UT-27**
127100	10"-SI-1403-15 ELBOW - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-263 NDE 5.4-32 NDE 5.4-32 NDE 5.4-33	C C - - - - - C - C - - - - - C -	10-17-88 PT COMPLETE: 10-24-88 UT 45 COMPLETE, COUNTERBORE AND ROOT GEOMETRY; 11-1-88 UT 60 COMPLETE **UT-27**
300	10"-SI-1403-16 ELBOW - TO - ELBOW	B-J B9.11	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-264 NDE 5.4-32 NDE 5.4-32 NDE 5.4-33	A C - - - - - C - C - - - - - C -	10-17-88 PT COMPLETE: 10-24-88 UT 45 COMPLETE, COUNTERBORE GEOMETRY; 11-02-88 UT 60 COMPLETE: EXAMINED PER NRC INFORMATIONAL NOTICE NO. 88-01 **UT-27**



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SAFETY INJECTION LOOP C SUPPORTS & HANGERS

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		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

5614-H-509 REF. DWG. NO. 004-A33

127800	8073-H-810-01 LINEAR SUPPORT 18'-0"	F-B F2.10	VT-3	NDE 4.3-108	C C - - -	10-18-88 VT COMPLETE
127810	8073-H-810-01 RIGID TELESCOPING STRUT 18'-0"	F-C F3.10	VT-3	NDE 4.3-108	C C - - -	10-18-88 VT COMPLETE
127910	8073-H-810-02 RIGID TELESCOPING STRUT 18'-0"	F-C F3.10	VT-3	NDE 4.3-224	C C - - -	12-9-88 VT COMPLETE, REEXAMINATION PER IWF-2430(B)

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BORON INJECTION LOOP A

ZONE NUMBER: 040		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A34

128500	2"-SI-1401-6 TEE - TO - PIPE	B-J 89.40	PT	NDE 3.3-204	C C - - -	10-10-88 PT COMPLETE
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130400	2"-SI-1401-25 PIPE - TO - COUPLING	B-J 89.40	PT	NDE 3.3-203	C C - - -	10-10-88 PT COMPLETE
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130500	2"-SI-1401-26 COUPLING - TO - PIPE	B-J 89.40	PT	NDE 3.3-209	C C - - -	10-10-88 PT COMPLETE
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BORON INJECTION LOOP B

ZONE NUMBER: 041		ASME			N I O		
		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A35

134100	2"-SI-1402-17 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-335	C C - - -	11-22-88 PT COMPLETE OF 45 DEG BEND AREA, SOCKET ELBOW DOES NOT EXIST
134700	2"-SI-1402-23 PIPE - TO - COUPLING	B-J B9.40	PT	NDE 3.3-325	C C - - -	11-2-88 PT COMPLETE
134800	2"-SI-1402-24 COUPLING - TO - PIPE	B-J B9.40	PT	NDE 3.3-328	C C - - -	11-2-88 PT COMPLETE
135600	2"-SI-1402-32 ELBOW - TO - PIPE	B-J B9.40	PT	NDE 3.3-316	C C - - -	10-22-88 PT COMPLETE

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BORON INJECTION LOOP B SUPPORTS & HANGERS

ZONE NUMBER: 041		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A35

137500	M-712A-1	F-C	VT-3	NDE 4.3-153	C C - - -	11-7-88 VT COMPLETE
	STANCHION	F3.10				

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BORON INJECTION LOOP C

					N I O	
ZONE NUMBER: 042		ASME				S O N G T
		SEC. XI				T R S E H
SUMMARY EXAMINATION AREA		CATGY	EXAM		A E I O E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A36

138300	2"-SI-1403-9	B-J	PT	NDE 3.3-205	C C - - -	10-10-88 PT COMPLETE
	PIPE - TO - ELBOW	B9.40				

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BORON INJECTION LOOP C SUPPORTS & HANGERS

ZONE NUMBER: 042		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-A36

140500	WR-18-B	F-C	VT-3	NDE 4.3-36	A - - - C	3-14-86 NCR-MCI-86-23 NOTED LOOSE NUTS;
	BOX RESTRAINT	F3.10	3-14-86	NCR-MCI-86-23		CONST ISSUED NCR 364-86 WAS CLOSED AND
	14'		3-15-86	NCR-364-86		REISSUED UNDER 1073-810+1247-86 NEED
			7-30-86	9.1-5.1 M8114		CLOSE OUT: 12-9-88 REEXAMINATION
			12-2-86	NCR-1247-86		PERFORMED PER IWF-2430(B) IN NEXT PERIOD
			VT-3	NDE 4.3-220	C - - -	COMPLETE; THIS EXAM VERIFIES CORRECTIVE
			5-15-89	NIS-2		ACTION WAS PERFORMED.



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HIGH PRESS. SI LOOP A

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SUMMARY EXAMINATION AREA		SEC. XI	S O N G T		
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	REMARKS
		ITEM NO	METHOD		
					A E I O E
					T C G H R
					CALIBRATION BLOCK

REF. DWG. NO. 004-A37

141500	2"-SI-1405-4 PIPE - TO - TEE	B-J B9.40	PT	NDE 3.3-273	C C - - -	10-19-88 PT COMPLETE
143310	2"-SI-1405-22A PIPE - TO - VALVE 4-874A	B-J B9.40	PT	W-88-1874	A C - - -	BASELINE EXAM PERFORMED DUE TO REPLACEMENT OF VALVE 4-874A.
143410	2"-SI-1404-1A VALVE 4-874A - TO - PIPE	B-J B9.40	PT	W-88-1872	A C - - -	BASELINE EXAM DUE TO REPLACEMENT OF VALVE 4-874A.
143500	2"-SI-1404-2 PIPE - TO - ELBOW	B-J B9.40	PT	W-88-1875	A C - - -	EXAM PERFORMED DUE TO REPLACEMENT OF VALVE 4-874A.



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HPSI LOOP A SUPPORTS & HANGERS

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		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A37

144500	WR-1 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-101	C C - - -	10-10-88 VT COMPLETE
145100	SR-901 HANGER (SPRING CAN)	F-C F3.10	VT-3 VT-3	M88-2474 M89-108	A C - - - C - - -	EXAM PERFORMED DUE TO REPLACEMENT OF VALVE 4-874A.
145200	SR-901 SPRING CAN HANGER	F-C F3.50	VT-3 VT-3	M88-2474 M89-108	A C - - - C - - -	EXAM PERFORMED DUE TO REPLACEMENT OF VALVE 4-874A.
145300	SR-900 SPRING CAN HANGER	F-C F3.10	VT-3 VT-3	M88-2473 M89-107	A C - - - C - - -	EXAM PERFORMED DUE TO REPLACEMENT OF VALVE 4-874A.
145400	SR-900 SPRING CAN HANGER	F-C F3.50	VT-3 VT-3	M88-2473 M89-107	A C - - - C - - -	EXAM PERFORMED DUE TO REPLACEMENT OF VALVE 4-874A.

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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HIGH PRESS. SI LOOP B

ZONE NUMBER: 044		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-A38

147100	2"-SI-1406-17 COUPLING - TO - PIPE	B-J B9.40	PT	NDE 3.3-213	C C - - - 10-11-88 PT COMPLETE
149400	2"-SI-1406-40 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-276	C C - - - 10-20-88 PT COMPLETE

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TURKEY POINT NUCLEAR PLANT UNIT 4
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HPSI LOOP B SUPPORTS & HANGERS

ZONE NUMBER: 044

ASME

SEC. XI

SUMMARY EXAMINATION AREA

CATGY EXAM

NUMBER IDENTIFICATION

ITEM NO METHOD

PROCEDURE

N I O

S O N G T

T R S E H

A E I O E

T C G M R

REMARKS

CALIBRATION BLOCK

REF. DWG. NO. 004-A38

150200 WR-5

BOX RESTRAINT

F-C

F3.10

VT-3

NDE 4.3-102

C C - - -

10-11-88 VT COMPLETE



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHARGE LINE RHX TO COLD LEG LOOP C

ZONE NUMBER: 045		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A39						
151900	3"-CH-1401-4 PIPE - TO - TEE	B-J B9.21	PT	NDE 3.3-292	C C - - -	10-20-88 PT COMPLETE
154800	3"-CH-1401-32 PIPE - TO - ELBOW 23'-9"	B-J B9.21	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-288 NDE 5.4-25 NDE 5.4-25 NDE 5.4-25	A C - - - C - - - C - - - C - - -	10-19-88 PT COMPLETE: 10-24-88 UT COMPLETE: EXAMINED PER NRC BULLETIN NO. 88-08 **UT-44**
154850	ELBOW (32-33) ELBOW-BASE METAL 23'-9"	NRC 88-08	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-304 NDE 5.4-25 NDE 5.4-25 NDE 5.4-25	A C - - - C - - - C - - - C - - -	10-19-88 PT COMPLETE: 10-24-88 UT COMPLETE: EXAMINED PER NRC BULLETIN NO. 88-08 **UT-44**
154900	3"-CH-1401-33 ELBOW - TO - PIPE 23'-9"	B-J B9.21	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-287 NDE 5.4-25 NDE 5.4-25 NDE 5.4-25	A C - - - - - C - C - - - - - C -	10-19-88 PT COMPLETE: 10-24-88 UT COMPLETE, ROOT GEOMETRY: EXAMINED PER NRC BULLETIN NO. 88-08 **UT-44**
154950	PIPE (33-34) PIPE BASE METAL 23'-9"	NRC 88-08	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-281 NDE 5.4-25 NDE 5.4-25 NDE 5.4-25	A C - - - C - - - C - - - C - - -	10-19-88 PT COMPLETE: 10-24-88 UT COMPLETE: EXAMINED PER NRC BULLETIN NO. 88-08 **UT-44**
155000	3"-CH-1401-34 PIPE - TO - ELBOW 23'-9"	B-J B9.21	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-286 NDE 5.4-25 NDE 5.4-25 NDE 5.4-25	A C - - - - - C - C - - - - - C -	10-19-88 PT COMPLETE: 10-24-88 UT COMPLETE, ROOT GEOMETRY: EXAMINED PER NRC BULLETIN NO. 88-08 **UT-44**



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHARGE LINE RHX TO COLD LEG LOOP C

ZONE NUMBER: 045		ASME		N I O		S O N G T			
		SEC. XI				T R S E H			
SUMMARY EXAMINATION AREA		CATGY EXAM		A E I O E		REMARKS			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T	C	G	M	R

REF. DWG. NO. 004-A39

155400	3"-CH-1401-38	---	NDE 3.3	C	12-13-88 THIS WELD DOES NOT EXIST,
	PIPE - TO - BRANCH CONNECTION	---	NDE 5.4		VERIFIED DURING THE 1988 OUTAGE

UT-44



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHARGING LINE LOOP C SUPPORTS & HANGERS

ZONE NUMBER: 045		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-A39

155600	SR-934 (4-VCH-3)	F-C	VT-3	NDE 4.3-134	C - - - C	10-22-88 COMPLETE BORIC ACID RESIDUE ON
	PIPE SUPPORT WITH SPRING CAN	F3.10	11-8-88	CNF-88-4-047	- - - C	BASE PLATE; CNF-88-4-047 ISSUED FOR
	14' 0"		3-8-89	NCR-89-0134	C - - -	BORIC ACID RESIDUE & VERIFY SPRING
						SETTINGS; ENGINEERING EVALUATION
						DETERMINED THAT THIS CONDITION IS
						ACCEPTABLE AS-IS
155700	SR-934 (4-VCH-3)	F-C	VT-4	NDE 4.3-134	C C - - -	10-22-88 COMPLETE NO LOAD PLATE
	SPRING CAN SUPPORT	F3.50	11-8-88	CNR-88-4-047	- - - C	SUBMITTED TO ENGINEERING FOR
	14' 0"		3-8-89	NCR-89-0134	C - - -	VERIFICATION OF SETTINGS
						JPN ENGINEERING DETERMINED THAT THE
						SETTINGS ARE CORRECT ACCEPTABLE AS-IS



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TURKEY POINT NUCLEAR PLANT UNIT-4
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CHARGE LINE RHX TO HOT LEG LOOP A

ZONE NUMBER: 046		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-A40

161000	3"-CH-1402-39 ELBOW - TO - PIPE	B-J B9.21	PT	NDE 3.3-231	C C - - - 10-12-88 PT COMPLETE
161100	3"-CH-1402-40 PIPE - TO - ELBOW	B-J B9.21	PT	NDE 3.3-230	C C - - - 10-12-88 PT COMPLETE
161200	3"-CH-1402-41 ELBOW - TO - PIPE	B-J B9.21	PT	NDE 3.3-229	C C - - - 10-12-88 PT COMPLETE
161300	3"-CH-1402-42 PIPE - TO - ELBOW	B-J B9.21	PT	NDE 3.3-228	C C - - - 10-12-88 PT COMPLETE



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHARGING LINE LOOP A SUPPORTS & HANGERS

ZONE NUMBER: 046		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A40

162400	WR-39 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-230	C C - - -	12-12-88 REEXAMINED PER IWF-2430(B)
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5614-H-566 REF. DWG. NO. 004-A40

162620	WR-36 BOX RESTRAINT 14'	F-C F3.10	1-25-89 1-25-89 1-26-89 VT-3 3-13-89	10.62-AB89-073 NCR-89-0054 NCR-N-89-0173 9.9-M89-528 NIS-2	A - - - C - - - C - - - C - - - C C - - -	1-25-89 DURING AS-BUILT VERIFICATION SEVERAL DISCREPANCIES WERE IDENTIFIED (WELDING):THE FOLLOWING CONDITIONS ARE ACCEPTABLE: 1" INCREASE IN LENGTH; THE ADDITIONAL WELDS; SPALLED CONCRETE; EXISTING GAPS FOR PIPE CLEARANCE
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REF. DWG. NO. 004-A40

162650	4-VCH-10 STRUT HANGER	F-C F3.10	VT-3	NDE 4.3-223	E C - - -	12-9-88 VT COMPLETE ADDITIONAL EXAM
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162660	SR-942 BOX RESTRAINT	F-C F3.10	VT-3 10-21-88 10-25-88 1-21-89 VT-3	NDE 4.3-110 CNR-88-4-034 NCR-88-0158 NCR-N-89-0146 TS9.9-M89-487	C - - - C - - - C - - - C - - - C C - - -	10-18-88 COMPLETE PIPE CLAMP SLIPPING ON PIPE: CNF-88-4-034 ISSUED: REPAIRED IN ACCORDANCE WITH NCR REEXAMINED 1-28-89 FOLLOWING REPAIR
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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHARGE LINE RHX TO VALVE CV312C

ZONE NUMBER: 047		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A41

162700	3"-CH-1403-1 VALVE (4-312C) - TO - PIPE	B-J B9.21	PT	NDE 3.3-310	C C - - -	10-29-88 PT COMPLETE
163100	3"-CH-1403-5 PIPE - TO - ELBOW	B-J B9.21	PT	NDE 3.3-296	C C - - -	10-24-88 PT COMPLETE
163500	3"-CH-1403-9 PIPE - TO - ELBOW	B-J B9.21	PT	NDE 3.3-314	C C - - -	11-1-88 PT COMPLETE
163600	3"-CH-1403-10 ELBOW - TO - PIPE	B-J B9.21	PT	NDE 3.3-315	C C - - -	11-1-88 PT COMPLETE



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHARGING LINE RHX TO CV312C SUPPORTS & HANGERS

						N I O			
ZONE NUMBER: 047		ASME				S O N G T			
		SEC. XI				T R S E H			
SUMMARY EXAMINATION AREA		CATGY EXAM				A E I O E		REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T	C	G	H R

<u>5614-H-551 REF. DWG. NO. 004-A41</u>									
165100	4-VCH-60 LINEAR U-BOLT RESTRAINT 25'-3"	F-B F2.10	VT-3	NDE 4.3-142		C	C	-	- - 11-3-88 COMPLETE
165150	4-VCH-60 LINEAR U-BOLT RESTRAINT 25'-3"	F-C F3.10	VT-3	NDE 4.3-142		C	C	-	- - 11-3-88 VT COMPLETE
165400	4-VCH-63 LINEAR U-BOLT RESTRAINT 25'-3"	F-B F2.10	VT-3	NDE 4.3-171		C	C	-	- - 11-10-88 VT COMPLETE
165450	4-VCH-63 LINEAR U-BOLT RESTRAINT 25'-3"	F-C F3.10	VT-3	NDE 4.3-171		C	C	-	- - 11-10-88 VT COMPLETE
165800	SR-489 LINEAR BOX RESTRAINT 16'-10"	F-B F2.10	VT-3	NDE 4.3-132		C	C	-	- - 11-2-88 VT COMPLETE
166000	SR-491 LINEAR BOX RESTRAINT 16'-10"	F-B F2.10	VT-3 11-8-88	NDE 4.3-130 CNR-88-4-041		C	-	- - C	11-2-88 VT COMPLETE, CONCRETE AT BASE GROUND FLOOR CRACKED AND MISSING
166050	SR-491 LINEAR BOX RESTRAINT 16'-10"	F-C F3.10	VT-3	NDE 4.3-130		C	-	- - C	11-2-88 VT COMPLETE
166200	4-VCH-17 LINEAR WELDED EYE ROD & CLAMP 22'-11"	F-B F2.10	1-10-89 1-21-89 1-21-89 1-31-89 VT-3 3-13-89	10.62-AB89-020 NCR-89-0041 NCR-N-89-0147 10.23-M89-514 9.9-M89-523 NIS-2	A	-	- - C	- - -	1-21-89 THIS SUPPORT WAS NOT INSTALLED, IDENTIFIED DURING WALKDOWN, SUPPORT WAS SUBSEQUENTLY INSTALLED

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TURKEY POINT NUCLEAR PLANT UNIT 4

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INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

CHARGING LINE RHX TO CV312C SUPPORTS & HANGERS

				N I O	
ZONE NUMBER: 047				ASME	S O N G T
				SEC. XI	T R S E H
SUMMARY EXAMINATION AREA				CATGY EXAM	A E I O E REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOO	PROCEDURE	T C G M R **CALIBRATION BLOCK**

5614-H-551 REF. DWG. NO. 004-A41

166250	4-VCH-17	F-C	VT-3	9.9-M89-513	A C - - - 1-31-89 THIS SUPPORT WAS REINSTALLED
	PIPE CLAMP	F3.10	3-13-89	NIS-2	C - - - UNDER NCR-N-89-0147
	22'-11"				



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TURKEY POINT NUCLEAR PLANT UNIT, 4
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LETDOWN LINE TO RHX

ZONE NUMBER: 048		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A42

166800	2"-CH-1401-4	B-J	PT	NDE 3.3-278	C C - - -	10-20-88 PT COMPLETE
	PIPE - TO - ELBOW	B9.40				

166900	2"-CH-1401-5	B-J	PT	NDE 3.3-277	C C - - -	10-20-88 PT COMPLETE
	ELBOW - TO - PIPE	B9.40				

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHEM. & VOL. CONTROL FROM RHX

ZONE NUMBER: 049		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
<hr/>						
<u>REF. DWG. NO. 004-A43</u>						
170000	2"-CH-1402-15 TEE - TO - PIPE	B-J B9.40	PT	NDE 3.3-330	C C - - -	11-9-88 PT COMPLETE
170500	2"-CH-1402-20 PIPE - TO - TEE	B-J B9.40	PT	NDE 3.3-302	C C - - -	10-27-88 PT COMPLETE
170600	2"-CH-1402-21 TEE - TO - PIPE	B-J B9.40	PT	NDE 3.3-272	C - - - C	10-18-88 ONE (1) LINEAR L=2.850 W=.150
			10-20-88	CNR-88-4-033	- - - C	UPSTREAM .400 LENGTH, REJECT:
			10-25-88	NCR-88-0161	- - - C	CNF-88-4-033 ISSUED: REPAIR PERFORMED BY
			1-10-89	NCR-N-89-0062	- - - C	REMOVAL OF INDICATION BY LIGHT GRINDING:
			1-11-89	PS 89-052	C - - -	CLOSED OUT 3-10-89
			PT	9.4 W-89-102	C - - -	
			UT THICK	M-89-210	C - - -	
			2-28-89	NIS-2	C - - -	
171000	2"-CH-1402-25 TEE - TO - PIPE	B-J B9.40	PT	NDE 3.3-331	C C - - -	11-9-88 PT COMPLETE
171200	2"-CH-1402-27 ELBOW - TO - PIPE	B-J B9.40	PT	NDE 3.3-265	C C - - -	10-18-88 PT COMPLETE
171300	2"-CH-1402-28 PIPE - TO - ORIFICE (F205C)	B-J B9.40	PT	NDE 3.3-301	C C - - -	10-27-88 PT COMPLETE



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CLASS 1 COMPONENTS

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CHEM. & VOL. CONTROL TO RCP A

ZONE NUMBER: 050		ASME	N I O			
		SEC. XI	S O N G T			
		CATGY	EXAM	T R S E H		
SUMMARY	EXAMINATION AREA			A E I O E REMARKS		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A44

172700	2"-CH-1403-6 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-269	C C - - -	10-18-88 PT COMPLETE
173500	2"-CH-1403-14 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-268	C C - - -	10-18-88 PT COMPLETE
175000	2"-CH-1403-29 ELBOW - TO - PIPE	B-J B9.40	PT	NDE 3.3-270	C C - - -	10-18-88 PT COMPLETE

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CHEM. & VOL. CONTROL TO RCP-A SUPPORTS & HANGERS

ZONE NUMBER: 050		ASME		N I O	
SUMMARY EXAMINATION AREA		SEC. XI		S O N G T	
NUMBER IDENTIFICATION		CATGY	EXAM	T R S E H	A E I O E
		ITEM NO	METHOD	PROCEDURE	T C G M R
					REMARKS
					CALIBRATION BLOCK

REF. DWG. NO. 004-A44

175800	PS-1 TYPE A	F-C	VT-3	NDE 4.3-107	C C - - -	10-18-88 COMPLETE
	U-BOLT RESTRAINT	F3.10				

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHEM. & VOL. CONTROL TO RCP B

ZONE NUMBER: 051		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A45

178000	2"-CH-1404-18 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-256	C C - - -	10-15-88 PT COMPLETE
179200	2"-CH-1404-28 PIPE - TO - VALVE (4-298E)	B-J B9.40	PT	NDE 3.3-257	C C - - -	10-15-88 PT COMPLETE
179800	2"-CH-1404-33 FLANGE - TO - PIPE	B-J B9.40	PT	NDE 3.3-259	C C - - -	10-15-88 PT COMPLETE
180100	2"-CH-1404-36 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-258	C C - - -	10-15-88 PT COMPLETE

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CHEM. & VOL. CONTROL TO RCP-B SUPPORTS & HANGERS

ZONE NUMBER: 051		ASME				N I O	
		SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM				T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A45

180800	27-773-002	F-C	VT-3	NDE 4.3-113	C C - - -	10-18-88 VT COMPLETE
	U-BOLT RESTRAINT	F3.10				
181100	27-773-006	F-C	VT-3	NDE 4.3-125	C C - - -	11-1-88 VT COMPLETE
	PEDESTAL	F3.10				



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CLASS 1 COMPONENTS

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CHEM. & VOL. CONTROL TO RCPC

				N I O		
ZONE NUMBER: 052				S O N G T		
SUMMARY EXAMINATION AREA				T R S E H		
CATGY EXAM				A E I O E REMARKS		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A46

184710	2"-CH-1405-28 PIPE - TO - FLANGE	B-J B9.40	PT	NDE 3.3-308	C C - - -	10-28-88 PT COMPLETE
185900	2"-CH-1405-40 PIPE - TO - FLANGE	B-J B9.40	PT	NDE 3.3-307	C C - - -	10-28-88 PT COMPLETE
186000	4-FL-13 FLANGE BOLTING	B-G-2 B7.50	VT-1 11-8-88 PWO VT-1	NDE 4.1-65 CNR-88-4-053 WA881217110531 NDE 4.1-65A	C - - - C - - - C - - - C C - - -	11-1-88 VT-1 COMPLETE: BORIC ACID BUILDUP BETWEEN FLANGES & SURFACE RUST ON ALL HARDWARE: CNF-88-4-053 ISSUED: PWO WA881217110531 ISSUED FOR CLEANING SURFACES; REEXAMINE 4.1-65A, NRI

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 1 COMPONENTS

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2" SEAL LEAK OFF RCP A

ZONE NUMBER: 053		ASME				N I O	
SUMMARY EXAMINATION AREA		SEC. XI				S O N G T	
NUMBER	IDENTIFICATION	CATGY	EXAM			T R S E H	REMARKS
		ITEM NO	METHOD	PROCEDURE		A E I O E	
						T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-A47

187400	2-CH-1406-1 PIPE - TO - FLANGE	B-J B9.40	PT	NDE 3.3-248	C C - - -	10-15-88 PT COMPLETE
187500	2"-CH-1406-FB FLANGE BOLTING	B-G-2 B7.50	VT-1	NDE 4.1-61	C C - - -	10-18-88 VT COMPLETE: EXAMINED 8 STUDS AND NUTS IN PLACE
187900	2-CH-1406-5 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-249	C C - - -	10-15-88 PT COMPLETE
189200	2-CH-1406-17 PIPE - TO - TEE	B-J B9.40	PT	NDE 3.3-253	C C - - -	10-17-88 PT COMPLETE
189400	2-CH-1406-19 PIPE - TO - TEE	B-J B9.40	PT	NDE 3.3-254	C C - - -	10-17-88 PT COMPLETE
189700	2-CH-1406-22 VALVE (4-303A) - TO - PIPE	B-J B9.40	PT	NDE 3.3-255	C C - - -	10-17-88 PT COMPLETE

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2" SEAL LEAK OFF RCP B

ZONE NUMBER: 054		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A48

191000	2-CH-1407-4 ELBOW - TO - PIPE	B-J B9.40	PT	NDE 3.3-251 R1	C C - - -	10-15-88 PT COMPLETE
191600	2-CH-1407-9 PIPE - TO - ELBOW	B-J B9.40	PT	NDE 3.3-250 R1	C C - - -	10-15-88 PT COMPLETE
192000	2-CH-1407-13 PIPE - TO - TEE	B-J B9.40	PT	NDE 3.3-252	C C - - -	10-17-88 PT COMPLETE

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SEAL LEAK OFF LOOP C

SUMMARY EXAMINATION AREA		ASME			N I O			REMARKS	
NUMBER	IDENTIFICATION	SEC. XI	EXAM	PROCEDURE	S O N G T				
		CATGY			ITEM NO	T	R		S E H
					T	C	G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-A49

193500	2-CH-1408-1 PIPE - TO - FLANGE	B-J B9.40	PT	NDE 3.3-306	C	C	- - -	10-28-88 PT COMPLETE
193600	2"-CH-1408-FB FLANGE BOLTING	B-G-2 B7.50	VT-1 12-9-88	NDE 4.1-92 CNR-88-4-070	C	- - -	C	12-3-88 VT COMPLETE, EVIDENCE OF BORIC ACID IN FLANGE SEAL AREA (BORIC ACID RESIDUE): PLANT CONSTRUCTION PERFORMED FIELD INSPECTION AND REPORTED THAT FLANGE SEAL AREA WAS CLEAN WITH NO EVIDENCE OF BORIC ACID
194100	2-CH-1408-6 ELBOW - TO - PIPE	B-J B9.40	PT	NDE 3.3-305	C	C	- - -	10-28-88 PT COMPLETE
195300	2-CH-1408-17 PIPE - TO - TEE	B-J B9.40	PT	NDE 3.3-266	C	C	- - -	10-18-88 PT COMPLETE

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SEAL LEAKOFF-RCP-C SUPPORTS & HANGERS

ZONE NUMBER: 055		ASME				N I O			
		SEC. XI				S O N G T			
SUMMARY EXAMINATION AREA		CATGY EXAM				T R S E H			
NUMBER IDENTIFICATION		ITEM NO METHOD		PROCEDURE		A E I O E		REMARKS	
						T C G H R		**CALIBRATION BLOCK**	
-----		-----		-----		-----		-----	

REF. DWG. NO. 004-A49

196400	H-3	F-C	VT-3	NDE 4.3-111	C C - - -	10-18-88 VT COMPLETE
	U-BOLT RESTRAINT	F3.10				

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REACTOR COOLANT PUMP A

ZONE NUMBER: 056		ASME			N I O		
		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	
<u>REF. DWG. NO. 004-V13A</u>							
196900	FSA - 1 thru 24 MAIN FLANGE STUDS	B-G-1 B6.180	UT 60	NDE 5.7-4	C C - - -	1-25-89 STUDS 1 THROUGH 24 COMPLETE	
UT-18							
197100	FNA - 1 thru 24 MAIN FLANGE NUTS, WASHERS & BUSHINGS	B-G-1 B6.200	VT-1	NDE 4.1-84	C C - - -	11-8-88 VT COMPLETE, 24 NUTS IN-PLACE	
197400	RCP-(A)-L1 thru L3 PUMP SUPPORTS CTMT	B-K-1 B10.20	VT-3	NDE 4.3-166	C - - - C	11-7-88 VT COMPLETE: SUPPORT LUG BOLTING	
			11-11-88	CNR-88-4-061	- - - C	LOOSE (ALL THREE), CHIPPED CONCRETE AT	
			12-2-89	NCR-88-0190	- - - C	WALL, RUST & PAINT FLAKING: RETIGHTENED	
			4-11-89	NCR-N89-0049	C - - -	NUTS, ALL OTHER CONDITIONS ACCEPTABLE.	



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CLASS 1 COMPONENTSREACTOR COOLANT PUMP B

ZONE NUMBER: 057		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-V13B</u>						
197900	FSB - 1 thru 24 MAIN FLANGE STUDS	B-G-1 B6.180	UT 60	NDE 5.7-3	C C - - -	1-25-89 UT COMPLETE: STUDS 1 THROUGH 24 **UT-18**
198000	FNB - 1 thru 24 MAIN FLANGE NUTS, WASHERS & BUSHINGS	B-G-1 B6.200	VT-1	NDE 4.1-85	C C - - -	11-8-88 VT COMPLETE
198300	RCP(B) - L1 thru L3 PUMP SUPPORTS CTMT	B-K-1 B10.20	VT-3 11-11-88 12-2-88	NDE 4.3-167 CNR-88-4-062 NCR-88-0191	C - - - C - - - C - - - C	11-7-88 VT COMPLETE: SUPPORT LUG BOLTING LOOSE(ALL THREE): RUST & PAINT FLAKING: LOOSE HARDWARE ON WALL SUPPORT PLATE: CHIPPED CONCRETE, ACCEPTABLE AS IS.

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REACTOR COOLANT PUMP C

						N I O		
ZONE NUMBER: 058		ASME				S O N G T		
		SEC. XI				T R S E H		
SUMMARY EXAMINATION AREA		CATGY EXAM				A E I O E		REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T C G H R		**CALIBRATION BLOCK**

REF. DWG. NO. 004-V13C

199200	RCP-C- L1 thru L3	B-K-1	VT-3	NDE 4.3-228	E	- - - C	12-9-88	ADDITIONAL EXAM: SUPPORT LUG
	PUMP SUPPORTS	B10.20	12-13-88	CNR-88-4-074		- - - C		BOLTING LOOSE, RUST ON HARDWARE, GOUGE,
			1-4-89	NCR-88-0276		- - - C		CHIPPED CONCRETE:RETIGHTENED BOLTING,
			3-18-89	PS 89-017		C - - -		CLEANED OFF CORROSION: GAPS ARE
			3-27-89	NCR-N-89-0047		C - - -		ACCEPTABLE AS IS: NO EVIDENCE OF
								BASELINE FOLLOWING CORRECTIVE ACTION:
								RESCHEDULE NEXT OUTAGE

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REGENERATIVE HEAT EXCHANGER

ZONE NUMBER: 059		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-V11

204300	RGX 4E200	N/A	VT-3	NDE 4.3-117	C - - - C	10-28-88 BORIC ACID RESIDUE NOTED ON
	VISUAL FOR LEAKAGE @ START &	N/A	VT-2	NDE 4.2-M892436	C - - -	INSULATION: THIS EXAMINATION REQUIRED BY
	DURING RCS					RELIEF REQUEST NO. 3



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DIVISION: 3

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STEAM GENERATOR (B) SECONDARY SIDE

ZONE NUMBER: 061		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-V9B</u>						
205900	4-SG(B)-G LOWER SHELL - TO - TRANSITION	C-A C1.10	UT 0 WRV UT 45 AX UT 45 CIRC UT 60 AX UT 60 CIRC	NDE 5.1-10 NDE 5.1-14 NDE 5.1-14 NDE 5.1-18 NDE 5.1-18	C C - - - - - C - C - - - - - C - - - C -	11-10-88 UT COMPLETE, LUG GEOMETRY: LIMITED EXAM DUE TO STEAM GENERATOR HAND HOLE **UT-7**
206000	4-SG(B)-CL TRAN. - TO - UPPER SHELL WELD	C-A C1.10	UT 0 WRV UT 45 AX UT 45 CIRC MT UT 60 AX UT 60 CIRC UT 60 AX UT 60 A&C UT 50 AX UT 0 UT 70 AX UT 60 AX EVALUATION	NDE 5.1-10 NDE 5.1-14 NDE 5.1-14 NDE 2.2-83 NDE 5.1-18 NDE 5.1-18 NDE 5.1-19 NDE 5.1-20 NDE 5.1-21 NDE 5.1-22 NDE 5.1-23 NDE 5.1-24 NDE 5.1	C C - - - - - C - - - C - C - - - - - - C - - - C - - - C - - - C - - - C C - - - - - - C - - - C - - - C	11-10-88 UT COMPLETE, SLAG INDICATIONS FOUND, DETERMINED TO BE CONSTRUCTION FLAWS, ACCEPTABLE. THIS INDICATION WILL BE REEXAMINED NEXT OUTAGE PER THE UT RESOLUTION AND CTRAC 89-0555. **UT-7**
206100	4-SG(B)-FW FEEDWATER NOZZLE - TO - SHELL	C-B C2.21	MT UT 0 WRV UT 45 AX UT 45 CIRC UT 60 AX UT 60 CIRC	NDE 2.2-84 NDE 5.1-15 NDE 5.1-15 NDE 5.1-15 NDE 5.1-15 NDE 5.1-15	C C - - - C - - - C - - - C - - - C - - - C - - -	11-22-88 UT COMPLETE **UT-7**
206200	4-SG(B)-FW-IRS FEEDWATER NOZZLE I.R.	C-B C2.22	UT 45 CIRC	NDE 5.13-2	C - - C -	11-21-88 UT COMPLETE ZONE 2 (CAL AXIAL SCAN CIRC), SUPPORT ASSEMBLY GEOMETRY **UT-3**
206400	4-SG(B)-ST STEAM NOZZLE - TO - HEAD	C-B C2.21	MT UT 45 AX UT 45 CIRC UT 60 AX UT 60 CIRC UT 0 WRV	NDE 2.2-76 NDE 5.1-11 NDE 5.1-11 NDE 5.1-12 NDE 5.1-12 NDE 5.1-13	C C - - - C - - - C - - - C - - - C - - - C - - -	11-11-88 MT COMPLETE: 11-15-88 UT 45 AX & CIRC COMPLETE ONE SIDE EXAM SCAN LIMITATION **UT-3**

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STEAM GENERATOR (B) SECONDARY SIDE

ZONE NUMBER: 061		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOO	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-V9B

206500	4-SG(B)-ST-IRS STEAM NOZZLE I.R.	C-B C2.22	UT 45 AX	NDE 5.13-1	C C - - -	11-14-88 UT COMPLETE ZONE 2 NOZZLE BLEND AREA **UT-3**
206700	4-SG(B)-IS-2 INTEGRAL SUPPORT #2	--- ---		NDE 2.2	C	12-13-88 THIS SUPPORT DOES NOT EXIST, VERIFIED 1988 OUTAGE



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RHR TO PUMP A

ZONE NUMBER: 063		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-B1</u>						
208500	14"-RHR-2401-1 VALVE 4-751 - TO - PIPE	C-F C5.11	PT	NDE 3.3-227	C C - - -	10-12-88 PT COMPLETE
208550	14"-RHR-2401-1LS PIPE LONG SEAM	C-F C5.12	PT PT	NDE 3.3-218 NDE 3.3-233	C C - - - C - - -	10-12-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 1: 10-13-88 PT COMPLETE 2.5T UPSTREAM OF WELD 2
208600	14"-RHR-2401-2 PIPE TO ELBOW	C-F C5.11	PT	NDE 3.3-232	C C - - -	10-13-88 PT COMPLETE
208700	14"-RHR-2401-3 ELBOW TO PIPE	C-F C5.11	PT	NDE 3.3-219	C C - - -	10-12-88 PT COMPLETE
208750	14"-RHR-2401-3LS1 ELBOW LONG SEAM OUTSIDE RADIUS	C-F C5.12	PT PT	NDE 3.3-220 NDE 3.3-222	C C - - - C - - -	10-12-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 3 AND 2.5T UPSTREAM OF WELD 4
208775	14"-RHR-2401-3LS2 ELBOW LONG SEAM INSIDE RADIUS	C-F C5.12	PT PT	NDE 3.3-221 NDE 3.3-223	C C - - - C - - -	10-12-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 3 AND 2.5T UPSTREAM OF WELD 4
208800	14"-RHR-2401-4 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-224	C C - - -	10-12-88 PT COMPLETE
208850	14"-RHR-2401-4LS PIPE LONG SEAM	C-F C5.12	PT PT	NDE 3.3-225 NDE 3.3-234	C C - - - C - - -	10-12-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 4: 10-13-88 PT COMPLETE, 2.5T UPSTREAM OF WELD 5

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RHR TO PUMP A

ZONE NUMBER: 063		ASME	H I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B1

208900	14"-RHR-2401-5 PIPE - TO - PUP	C-F C5.11	PT	NDE 3.3-235	C C - - -	10-13-88 PT COMPLETE
208950	14"-RHR-2401-5LS PUP LONG SEAM	C-F C5.12	PT	NDE 3.3-236 NDE 3.3-237	C C - - - C - - -	10-13-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 5 AND 2.5T UPSTREAM OF WELD 5A
209000	14"-RHR-2401-5A PUP TO ELBOW	C-F C5.11	PT	NDE 3.3-238	C C - - -	10-13-88 PT COMPLETE
209100	14"-RHR-2401-5B ELBOW TO PUP	C-F C5.11	PT	NDE 3.3-239	C C - - -	10-13-88 PT COMPLETE
209150	14"-RHR-2401-5BLS PUP LONG SEAM	C-F C5.12	PT	NDE 3.3-240 NDE 3.3-241	C C - - - C - - -	10-13-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 5B AND 2.5T UPSTREAM OF WELD 6
209200	14"-RHR-2401-6 PUP TO PIPE	C-F C5.11	PT	NDE 3.3-242	C C - - -	10-13-88 PT COMPLETE
209250	14"-RHR-2401-6LS PIPE LONG SEAM	C-F C5.12	PT	NDE 3.3-243	C C - - -	10-13-88 PT COMPLETE 2.5T DOWNSTREAM OF WELD 6
209260	14"-RHR-2401-7 PIPE TO ELBOW	C-F C5.11	PT	NDE 3.3-141	C C - - -	9-15-88 PT COMPLETE

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RHR TO PUMP A

						N I O			
ZONE NUMBER: 063		ASME				S O N G T			
		SEC. XI				T R S E H			
SUMMARY EXAMINATION AREA		CATGY		EXAM		A E I O E		REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T	C	G	H R

REF. DWG. NO. 004-B1

209270	14"-RHR-2401-8 ELBOW TO PIPE	C-F C5.11	PT	NDE 3.3-142	C C - - -	9-15-88 PT COMPLETE
209300	14"-RHR-2401-9 PIPE - TO - ELBOW	C-F C5.11	PT	NDE 3.3-170	C C - - -	9-29-88 PT COMPLETE
209400	14"-RHR-2401-10 ELBOW - TO - PIPE	C-F C5.11*	PT	NDE 3.3-171	C C - - -	9-29-88 PT COMPLETE
209500	14"-RHR-2401-11 PIPE - TO - ELBOW	C-F C5.11	PT	NDE 3.3-172	C C - - -	9-29-88 PT COMPLETE
209600	14"-RHR-2401-12 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-313	C C - - -	11-1-88 PT COMPLETE
209700	14"-RHR-2401-13 PIPE - TO - TEE	C-F C5.11	PT	NDE 3.3-312	C C - - -	11-1-88 PT COMPLETE
209800	14"-RHR-2401-14 TEE - TO - PIPE	C-F C5.11	PT	NDE 3.3-311	C C - - -	11-1-88 PT COMPLETE



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RHR TO PUMP A - SUPPORTS & HANGERS

ZONE NUMBER: 063		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B1

210800	4-ACH-178 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-159	C C - - -	11-5-88 VT COMPLETE
211200	4-SR-627 SPRING HANGER	F-C F3.10	VT-3 11-9-88 11-28-80	NDE 4.3-162 CNR-88-4-055 NCR-1182-453	C - - - C - - - C C - - -	11-4-88 COMPLETE, INCOMPLETE NUT ENGAGEMENT AT FLOOR: PLANT SUBMITTED NCR WHICH STATES THIS CONDITION IS ACCEPTABLE BY CALCULATION AND MEETS FUNCTIONAL REQUIREMENTS
211300	4-SR-627 SPRING HANGER	F-C F3.50	VT-4	NDE 4.3-162	C C - - -	11-4-88 VT COMPLETE



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RHR TO PUMP B

ZONE NUMBER: 064		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B2

212150	VALVE 4-752-B	---	VT-1	NDE 4.1-98	C C - - -	1-6-89 REEXAM
	VALVE BOLTING	---				
212700	14"-RHR-2403-10	C-F	PT	NDE 3.3-138	C C - - -	9-14-88 PT COMPLETE
	ELBOW - TO - PIPE	C5.11				

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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RESIDUAL HEAT REMOVAL

ZONE NUMBER: 065		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B3					
213100	14"-RHR-2404-1 REDUCER - TO - TEE	C-F C5.11	PT	NDE 3.3-317	C C - - - 11-3-88 PT COMPLETE
214500	14"-RHR-2404-15 VALVE (MV862B) - TO - ELBOW	C-F C5.11	PT	NDE 3.3-318	C C - - - 11-3-88 PT COMPLETE
214600	14"-RHR-2404-16 PIPE - TO - PIPE	C-F C5.11	PT	NDE 3.3-319	C C - - - 11-3-88 PT COMPLETE
214700	14"-RHR-2404-17 PIPE - TO - TEE	C-F C5.11	PT	NDE 3.3-327	C C - - - 11-3-88 PT COMPLETE

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14" RESIDUAL HEAT REMOVAL SUPPORTS & HANGERS

ZONE NUMBER: 065		ASME		H I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G M R **CALIBRATION BLOCK**	

REF. DWG. NO. 004-B3

214800	SR-615	F-C	VT-3	NDE 4.3-164	C C - - - 11-9-88 VT COMPLETE
	STRUT HANGER	F3.10			



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RESIDUAL HEAT REMOVAL

ZONE NUMBER: 066		ASME			N I O
		SEC. XI			S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B4

215850	VALVE 4-861A	---	VT-1	NDE 4.1-100	C C - - - 1-12-89 VT COMPLETE: EXAMINED AT THE
	VALVE BOLTING	---			REQUEST OF THE STATION.

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RESIDUAL HEAT REMOVAL

ZONE NUMBER:		ASME				N I O				
		SEC. XI				S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM				T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS				
					T C G H R	**CALIBRATION BLOCK**				

REF. DWG. NO.

215852	VALVE 4-756A	---	VT-1	NDE 4.1-97	C C - - -	1-6-89 REEXAM: EXAMINED AT THE REQUEST
	VALVE BOLTING	---				OF THE STATION.
215854	VALVE 4-761A	---	VT-1	NDE 4.1-99	C C - - -	1-6-89 REEXAM: EXAMINED AT THE REQUEST
	VALVE BOLTING	---				OF THE STATION.

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RESIDUAL HEAT REMOVAL

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

REF. DWG. NO. 004-85

216500	14"-RHR-2406-4 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-340	C C - - -	12-12-88 PT COMPLETE
217100	14"-RHR-2406-FW10 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-339	C C - - -	12-12-88 PT COMPLETE
217650	VALVE 4-861B VALVE BOLTING	---	VT-1	NDE 4.1-101	C C - - -	1-12-89 VT COMPLETE



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INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 2 COMPONENTS

RESIDUAL HEAT REMOVAL

ZONE NUMBER: 068		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	REMARKS
					A E I O E
					T C G H R
					CALIBRATION BLOCK

REF. DWG. NO. 004-B6

218500	12"-RHR-2401-2 REDUCER - TO - TEE	C-F C5.11	PT	NDE 3.3-165	C C - - -	9-26-88 PT COMPLETE
219400	12"-RHR-2401-11 PIPE - TO - VALVE 4-605	C-F C5.11	PT	NDE 3.3-162	C C - - -	9-26-88 PT COMPLETE
219500	12"-RHR-2401-12 VALVE 4-605 - TO - PIPE	C-F C5.11	PT	NDE 3.3-164	C C - - -	9-26-88 PT COMPLETE
219600	12"-RHR-2401-13 PIPE - TO - ELBOW	C-F C5.11		NDE 3.3	L	INACCESSIBLE DUE TO SUPPORT SR-635, VERIFIED DURING THE 1988 OUTAGE.



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TURKEY POINT NUCLEAR PLANT UNIT 4
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12" RESIDUAL HEAT REMOVAL SUPPORTS & HANGERS

ZONE NUMBER: 068		ASME	N I O		
SUMMARY EXAMINATION AREA		SEC. XI	S O N G T		
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	REMARKS
		ITEM NO	METHOD		
					A E I O E
					T C G M R
					CALIBRATION BLOCK

REF. DWG. NO. 004-B6

219900	SR-635	F-C	VT-3	NDE 4.3-73	C	C - - -	9-26-88 VT COMPLETE
	DUAL SPRING HANGER	F3.10	VT-3	NDE 4.3-89-638	C	- - -	
	18' AUX BD						
220000	SR-635	F-C	VT-4	NDE 4.3-73	C	C - - -	9-26-88 VT COMPLETE: CNF ISSUED FOR
	DUAL SPRING HANGER (3100)	F3.50	9-28-88	CNR-88-4-020	-	- - - C	VERIFICATION OF SETTINGS; NCR-89-0129
	18' AUX BD		3-8-89	NCR-89-0129	-	- - - C	ISSUED FOR ENGINEERING EVALUATION: PWO
			3-21-89	WA890320165445	C	- - -	WA898328165445 ISSUED FOR CORRECTIVE
			VT-4	NDE 4.3-89-638	C	- - -	ACTION



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RESIDUAL HEAT REMOVAL

ZONE NUMBER: 069		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-B7</u>						
222600	12"-RHR-2402-FW26 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-329	C C - - -	11-9-88 PT COMPLETE: PARTIAL EXAM DUE TO ADJOINING WELD ON PIPE SUPPORT
222650	12"-RHR-2402-26LS PIPE LONG SEAM	C-F C5.12	PT	NDE 3.3-201	C C - - -	10-8-88 PT COMPLETE, 2.5T UPSTREAM OF WELD 27
222700	12"-RHR-2402-27 PIPE - TO - TEE	C-F C5.11	PT	NDE 3.3-200	C C - - -	10-8-88 PT COMPLETE
222800	12"-RHR-2402-28 TEE - TO - PIPE	C-F C5.11	PT	NDE 3.3-190	C C - - -	10-8-88 PT COMPLETE
222850	12"-RHR-2402-28LS PIPE - LONG SEAM	C-F C5.12	PT	NDE 3.3-191 NDE 3.3-193	C C - - - C - - -	10-8-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 28 AND 2.5T UPSTREAM OF WELD 29
222900	12"-RHR-2402-29 PIPE - TO - ELBOW	C-F C5.11	PT	NDE 3.3-192	C C - - -	10-8-88 PT COMPLETE
223000	12"-RHR-2402-30 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-194	C C - - -	10-8-88 PT COMPLETE
223090	12"-RHR-2402-30BLS PIPE - LONG SEAM	C-F C5.12	PT	NDE 3.3-244	C C - - -	10-8-88 PT COMPLETE 2.5T EXAMINED UPSTREAM OF WELD 31



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RESIDUAL HEAT REMOVAL

ZONE NUMBER: 069		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T, C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-87

223100	12"-RHR-2402-31, PIPE - TO - ELBOW	C-F C5.11	PT	NDE 3.3-196	C C - - -	10-8-88 PT COMPLETE
223200	12"-RHR-2402-32 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-195	C C - - -	10-8-88 PT COMPLETE
223250	12"-RHR-2402-32LS PIPE - LONG SEAM	C-F C5.12	PT PT	NDE 3.3-197 NDE 3.3-199	C C - - - C - - -	10-8-88 PT COMPLETE, 2.5T DOWNSTREAM OF WELD 32 AND 2.5T UPSTREAM OF WELD 33
223300	12"-RHR-2402-33 PIPE - TO - TEE	C-F C5.11	PT	NDE 3.3-198	C C - - -	10-8-88 PT COMPLETE

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12" RESIDUAL HEAT REMOVAL SUPPORTS AND HANGERS

ZONE NUMBER: 069		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-87

224700	4-69-A1	F-C	VT-3	NDE 4.3-160	C C - - -	11-5-88 VT COMPLETE
	ANCHOR	F3.10				



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CLASS 2 COMPONENTS

RHR PUMP 4-P-210A TO RHEA 4-E-206A

ZONE NUMBER: 070		ASHE	N I O			
SUMMARY EXAMINATION AREA		SEC. XI	S O N G T			
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	A E I O E	REMARKS
		ITEM NO	METHOD		T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B8

224899	8"-RHR-2403-1 PUMP CASING - TO - PIPE	C-F C5.11	PT	NDE 3.3-149	C C - - -	9-20-88 PT COMPLETE
224900	8"-RHR-2403-2 PIPE - TO - REDUCER	C-F C5.11	PT	NDE 3.3-148	C C - - -	9-20-88 PT COMPLETE
225150	VALVE 4-757E VALVE BOLTING	---	VT-1	NDE 4.1-67	C C - - -	10-31-88 VT COMPLETE
225450	VALVE 4-754B VALVE BOLTING	---	VT-1	NDE 4.1-69	C - - - C	10-31-88 VT COMPLETE: BORIC ACID RESIDUE
		---	11-5-88	CNR-88-4-048	- - - C	1-4-89 WO# WA881209134206 DISASSEMBLE,
			1-4-89	WA881209134206	C - - -	CLEAN, INSPECT AND REPLACE STUDS
			1-2-89	0190.28	C - - -	
225902	VALVE 4-757D VALVE BOLTING 4-757D	---	VT-1	NDE 4.1-96	C C - - -	1-6-89 REEXAMINATION OF BOLTING: EXAMINED AT THE REQUEST OF THE STATION.
226000	10"-RHR-2401-13 VALVE 4-757D - TO - REDUCER	C-F C5.11	PT	NDE 3.3-166	C C - - -	9-26-88 COMPLETE
226250	VALVE 4-757B VALVE BOLTING	---	VT-1	NDE 4.1-68	C - - - C	10-31-88 VT COMPLETE, SEVERE CORROSION
		---	11-5-88	CNR-88-4-048	C - - -	AND BORIC ACID BUILDUP, DISASSEMBLED,
			12-16-88	PHOWA880111437	C - - -	CLEANED, INSPECTED, AND REPLACED STUDS
			12-15-88	0190.28	C - - -	
226400	10"-RHR-2401-17 PIPE - TO - HX NOZZLE	---		NDE 3.3	C	12-13-88 THIS WELD DOES NOT EXIST, VERIFIED DURING 1988 OUTAGE



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RHR 4-P210A TO RHEA4-E206A SUPPORTS & HANGERS

ZONE NUMBER: 070		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B8

226500	SR-643	F-C	VT-3	NDE 4.3-68	C C - - -	9-20-88 COMPLETE
	DOUBLE ACTING RESTRAINT	F3.10				
226502	SR-643	F-C	VT-4	NDE 4.3-69	C - - - C	9-20-88 VT COMPLETE, SETTING IS OUTSIDE
	VARIABLE SPRING SUPPORT	F3.50	9-21-88	CNR-88-4-019		OF ACCEPTANCE CRITERIA. ACCEPTED AS-IS
						BY NUCLEAR ENGINEERING, WILL BE
						RESCHEDULED FOR THE NEXT OUTAGE



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RHR PUMP 4-P-210B TO RHEA 4-E-206B

ZONE NUMBER: 071		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B9

226799	8"-RHR-2404-1 PUMP CASING - TO - PIPE	C-F C5.11	PT	NDE 3.3-150	C C - - -	9-20-88 PT COMPLETE
227000	10"-RHR-2402-4 VALVE 4-753A - TO - ELBOW	C-F C5.11	PT	NDE 3.3-151	C C - - -	9-20-88 PT COMPLETE
227450	VALVE 4-754A VALVE BOLTING	--- --- ---	VT-1 11-5-88 1-4-89	NDE 4.1-66 CNR-88-4-048 WA880628100224	C - - - C - - - C C - - -	10-31-88 VT COMPLETE, SEVERE CORROSION AND BORIC ACID BUILD UP, DISASSEMBLED, CLEANED, INSPECTED, AND REPLACED STUDS
227600	10"-RHR-2402-10 TEE - TO - PIPE	C-F C5.11	PT	NDE 3.3-163	C C - - -	9-26-88 PT COMPLETE
227750	VALVE 4-757C VALVE BOLTING	--- --- --- ---	VT-1 11-5-88 12-22-88 12-14-88	NDE 4.1-71 CNR-88-4-048 PWOWA880111448 0190.28	C - - - C - - - C C - - - C - - -	10-31-88 VT COMPLETE, CORRODED STUDS AND BORIC ACID RESIDUE, DISASSEMBLED, CLEANED, INSPECTED, AND REPLACED BOLTS
228950	VALVE 4-757A VALVE BOLTING	--- --- --- ---	VT-1 11-5-88 12-16-88 12-18-88	NDE 4.1-70 CNR-88-4-048 PWOWA880111452 0190.28	C - - - C - - - C C - - - C - - -	10-31-88 VT COMPLETE, SEVERE CORROSION AND BORIC ACID RESIDUE, DISASSEMBLED, CLEANED, INSPECTED, AND REPLACED STUDS



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RHR DISCHARGE LOOP A

ZONE NUMBER: 072		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B10

229400	10"-RHR-2403-1 HX NOZZLE - TO - PIPE	C-F C5.11	PT	NDE 3.3-145	C C - - -	9-8-88 PT COMPLETE
229800	10"-RHR-2403-5 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-133	C C - - -	9-8-88 PT COMPLETE
230250	VALVE 4-759A VALVE BOLTING	--- ---	VT-1	NDE 4.1-88	A - - - C	11-14-88 VALVE BOLTING EXAMINED IN PLACE, HEAVY CORROSION: AUGMENTED EXAMINATION IMPOSED BY RELIEF REQUEST NO. 8
230300	10"-RHR-2403-10 VALVE 4-759A - TO - REDUCER	C-F C5.11	PT	NDE 3.3-146	C C - - -	9-20-88 PT COMPLETE

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RESIDUAL HEAT REMOVAL

ZONE NUMBER: 075		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B13

231650	8"-RHR-2403-FW1 TEE - TO - PIPE	C-F C5.11	PT	NDE 3.3-161	C C - - -	9-26-88 PT COMPLETE
231653	8"-RHR-2403-4 PIPE (SWEEP-O-LET) TO CAP	C-F C5.11	PT	NDE 3.3-167	C C - - -	9-26-88 PT COMPLETE

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8" RESIDUAL HEAT REMOVAL SUPPORTS AND HANGERS

ZONE NUMBER: 075		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B13

231700	SR-645	F-C	VT-3	NDE 4.3-72	C C - - -	9-26-88 VT COMPLETE
	ANCHOR	F3.10				

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RESIDUAL HEAT REMOVAL

ZONE NUMBER: 076		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER IDENTIFICATION		ITEM NO METHOD		A E I O E	
		PROCEDURE		REMARKS	
				T C G M R	
				CALIBRATION BLOCK	

REF. DWG. NO. 004-B14

231855	8"-RHR-2404-6 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-144	C C - - -	9-15-88 PT COMPLETE
231856	8"-RHR-2404-7 PIPE (SWEEP-O-LET) TO CAP	C-F C5.11	PT	NDE 3.3-168	C C - - -	9-26-88 PT COMPLETE



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RUST TO SAFETY INJECTION SYSTEM

ZONE NUMBER: 077		ASME	N I O		
SUMMARY EXAMINATION AREA		SEC. XI	S O N G T		
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	REMARKS
		ITEM NO	METHOD		
					A E I O E
					T C G H R
					CALIBRATION BLOCK

REF. DWG. NO. 004-B15

231950	16"-SI-2401-1 FLANGE - TO - PIPE	C-F C5.11	PT	NDE 3.3-152	C C - - -	9-20-88 PT COMPLETE
231954	16"-SI-2401-5 PIPE - TO - VALVE (MOV-864B)	C-F C5.11	PT	NDE 3.3-153	C C - - -	9-20-88 PT COMPLETE
231969	16"-SI-2401-20 ELBOW - TO - PIPE	C-F C5.11	PT	NDE 3.3-137	C C - - -	9-8-88 PT COMPLETE
231970	16"-SI-2401-FW21 PIPE - TO - TEE	C-F C5.11	PT	NDE 3.3-136	C C - - -	9-8-88 PT COMPLETE

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RWST TO SAFETY INJECTION SYSTEM-16"-SUPPORTS & HAN

ZONE NUMBER: 077		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B15

232800	4-SIH-48	F-C	VT-3	NDE 4.3-64	C C - - -	9-8-88 VT COMPLETE
	U-BOLT RESTRAINT	F3.10				

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
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LPSI FROM ACCUMULATOR A

SUMMARY EXAMINATION AREA		CATGY	EXAM	PROCEDURE	N I O	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD		T C G H R	
						CALIBRATION BLOCK

REF. DWG. NO. 004-B16

232850	10"-SI-2401-1A	C-F	PT	NDE 3.3-177	C	10-3-88 PT COMPLETE: 10-5-88 UT
	NOZZLE - TO - PIPE	C5.21	UT 45 AX	NDE 5.4-12	C	COMPLETE: NO EXAM UPSTREAM DUE TO NOZZLE
			UT 45 CIRC	NDE 5.4-12	C	CONFIGURATION
			UT 60 AX	NDE 5.4-13	C	
UT-27						
232856	10"-SI-2401-6	C-F	PT	NDE 3.3-178	C	10-3-88 PT COMPLETE, LIGHT PINK
	PIPE - TO - VALVE 4-875D	C5.21	UT 45 AX	NDE 5.4-12	C	INDICATIONS NOTED 360 DEGREE'S DUE TO
			UT 45 CIRC	NDE 5.4-12	C	GRINDING MARKS: 10-5-88 UT COMPLETE, NO
			UT 60 AX	NDE 5.4-13	C	EXAM DOWNSTREAM DUE TO VALVE
						CONFIGURATION
UT-27						



100

100

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TURKEY POINT NUCLEAR PLANT UNIT 4
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LPSI FROM ACCUMULATOR C

ZONE NUMBER: 080		ASME	H I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B18

233250	10"-SI-2403-1A	C-F	PT	NDE 3.3-208	C	C - - -	10-10-88 PT COMPLETE: 10-21-88 UT
	NOZZLE - TO - PIPE	C5.21	UT 45 AX	NDE 5.4-20	C	- - -	COMPLETE
			UT 45 CIRC	NDE 5.4-20	C	- - -	
			UT 60 AX	NDE 5.4-20	C	- - -	
							UT-27
233254	10"-SI-2403-4	C-F	PT	NDE 3.3-207	C	C - - -	10-10-88 PT COMPLETE: 10-21-88 UT
	PIPE - TO - VALVE 4-865C	C5.21	UT 45 AX	NDE 5.4-20	-	- C -	COMPLETE, COUNTERBORE GEOMETRY: UT
			UT 45 CIRC	NDE 5.4-20	C	- - -	SHOWED IMPROPER COUNTERBORE AND
			UT 60 AX	NDE 5.4-20	-	- C -	THICKNESS, ACCEPTABLE AS-IS
			11-11-88	CNR-88-4-063	-	- - C	**UT-27**
			11-28-88	NCR-88-0200	C	- - -	

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ZONE NUMBER: 081

ASME

SEC. XI

SUMMARY EXAMINATION AREA

CATGY

EXAM

NUMBER	IDENTIFICATION
1	10-10-68
2	10-10-68
3	10-10-68
4	10-10-68
5	10-10-68
6	10-10-68
7	10-10-68
8	10-10-68
9	10-10-68
10	10-10-68
11	10-10-68
12	10-10-68
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14	10-10-68
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92	10-10-68
93	10-10-68
94	10-10-68
95	10-10-68
96	10-10-68
97	10-10-68
98	10-10-68
99	10-10-68
100	10-10-68

ITEM NO

METHOD

PROCEDURE

N I O

S O N G T

T R S E H

A E I O E

T C G M R

REMARKS

****CALIBRATION BLOCK****

REF. DWG. NO. 004-B19

233458 10"-SI-2407-4
PIPE - TO - VALVE 4-885

C-F

PT

NDE 3.3-211

c5.21

UT 45 AX

NDE 5.4-10

UT 45 CIRC NDE 5.4-10

UT 60 AX NDE 5.4-11

C - - - 10-6-88 PT COMPLETE: DCR-88-4-031 ISSUED
C - - - FOR VERIFICATION OF MATERIAL, DIAMETER
C - - - AND SCHEDULE: 10-6-88 UT COMPLETE: NO
C - - - EXAM UPSTREAM DUE TO VALVE CONFIGURATION
UT-27

233466 10"-SI-2407-5
VALVE 4-885 - TO - ELBOW

C-F

PT

NDE 3.3-212

CS.21

UT 45 AX

NDE 5.4-10

UT 45 CIRC NDE 5.4-10

UT 60 AX NDE 5.4-11

C C - - - 10-6-88 PT COMPLETE: DCR-88-4-031 ISSUED
C - - - FOR VERIFICATION OF MATERIAL, DIAMETER
C - - - AND SCHEDULE: 10-6-88 UT COMPLETE: NO
C - - - EXAM UPSTREAM DUE TO VALVE CONFIGURATION
UT-27

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TURKEY POINT NUCLEAR PLANT UNIT 4
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LOW PRESSURE SAFETY INJECTION

ZONE NUMBER: 082		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B20

233652	10"-SI-2406-3	C-F	PT	NDE 3.3-147	C C - - -	9-20-88 PT COMPLETE
	TEE - TO - REDUCER	C5.11				



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LPSI 10" SUPPORTS AND HANGERS

ZONE NUMBER: 082		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B20

233700	4-SR-616	F-C	VT-3	NDE 4.3-70	C C - - -	9-20-88 VT COMPLETE
	PIPE SUPPORT	F3.10	VT-3	NDE 4.3-89-637	C - - -	
	12' AUX BD					
233800	4-SR-616	F-C	VT-4	NDE 4.3-70	C C - - -	9-20-88 VT COMPLETE: SETTING OUT OF
	SPRING HANGER (VSIF-10)	F3.50	9-21-88	CNR-88-4-018	- - - C	RANGE: SPRING READJUSTED TO WITHIN
	12' AUX BD		3-14-89	NCR-89-0123	- - - C	DESIGN REQUIREMENTS
			3-21-89	WA890320164616	C - - -	
			VT-4	NDE 4.3-89-637	C - - -	

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LOW PRESSURE SAFETY INJECTION

ZONE NUMBER: 084		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-822</u>						
234276	8"-SI-2402-14 PIPE - TO - ELBOW	C-F C5.21	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-188 NDE 5.4-23 NDE 5.4-23 NDE 5.4-23	C C - - - - - C - C - - - - - C -	10-8-88 PT COMPLETE: 10-14-88 UT COMPLETE: COUNTERBORE, ROOT, AND ID GEOMETRY **UT-41**
234282	8"-SI-2402-17 ELBOW - TO - PIPE	C-F C5.21	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-187 NDE 5.4-29 NDE 5.4-29 NDE 5.4-29	C C - - - - - C - C - - - - - C -	10-8-88 PT COMPLETE: 10-31-88 UT COMPLETE: COUNTERBORE AND ROOT GEOMETRY **UT-41**
284	8"-SI-2402-18 PIPE - TO - VALVE 4-876C	C-F C5.21	PT UT 45 AX UT 45 CIRC UT 60 AX	NDE 3.3-189 NDE 5.4-29 NDE 5.4-29 NDE 5.4-29	C C - - - C - - - C - - - C - - -	10-8-88 PT COMPLETE 10-31-88 UT COMPLETE **UT-41**



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TURKEY POINT NUCLEAR PLANT UNIT 4
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8" SAFETY INJECTION SUPPORTS AND HANGERS

ZONE NUMBER: 084		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

5614-H-509 REF. DWG. NO. 004-822

234300	8073-H-809-05 LINEAR BOX RESTRAINT 17'-0"	F-B F2.10	VT-3	NDE 4.3-100	C C - - -	10-8-88 VT COMPLETE
234400	SR-445 BOX RESTRAINT C EL 19-3	F-C F3.10	10-12-88 1-19-89 1-6-89 VT-3 3-6-89	10.62-AB88-018 NCR-N-89-0130 NCR-89-0007 9.9-M89-480 NIS-2	A - - - C - - - C - - - C C - - - C - - -	1-28-89 DURING ISI DRAWING WALKDOWN ON SUPPORT VERIFICATION UNACCEPTABLE WELDS WERE IDENTIFIED; THIS CONDITION WAS CORRECTED
235000	8073-H-809-04 LINEAR BOX RESTRAINT 17'-0"	F-B F2.10	VT-3	NDE 4.3-105 R1	C C - - -	10-10-88 VT COMPLETE
235500	8073-H-809-02 LINEAR BOX RESTRAINT 17'-0"	F-B F2.10	VT-3	NDE 4.3-99	C C - - -	10-8-88 VT COMPLETE



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LOW PRESSURE SAFETY INJECTION

ZONE NUMBER: 086		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B24

236400	8"-SI-2404-2	C-F	PT	NDE 3.3-202	C	C - - -	10-8-88 PT COMPLETE: 10-18-88 UT
	PIPE - TO - VALVE 4-876A	C5.21	UT 45 AX	NDE 5.4-18	-	- C -	COMPLETE, BEAM REDIRECTION TO INSIDE
			UT 45 CIRC	NDE 5.4-18	C	- - -	SURFACE
			UT 60 AX	NDE 5.4-18	-	- C -	
							UT-41



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LPSI TO CS PUMP B

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

REF. DWG. NO. 004-B25

236600	8"-SI-2405-1 TEE - TO - ELBOW	C-F C5.11	PT	NDE 3.3-135	C C - - -	9-9-88 PT COMPLETE
237000	8"-SI-2405-6 PIPE - TO - VALVE 4-844B	C-F C5.11	PT	NDE 3.3-143	C C - - -	9-15-88 PT COMPLETE

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SUCTION TO CONT. SPRAY PUMP 4P-214B SUPP. & HANGER

ZONE NUMBER: 087		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B25

237400	4-218-A	F-C	VT-3	NDE 4.3-65	C C - - -	9-9-88 VT COMPLETE
	ANCHOR	F3.10	VT-3	NDE 4.3-98	C - - -	10-8-88 RE EXAM

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LPSI

ZONE NUMBER: 088		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B26

237500	8"-SI-2406-FW1 REDUCER - TO - PIPE	C-F C5.11	PT	NDE 3.3-154	C C - - -	9-21-88 PT COMPLETE
237900	8"-SI-2406-5 VALVE 4-396C - TO - ELBOW	C-F C5.11	PT	NDE 3.3-155	C C - - -	9-21-88 PT COMPLETE
238400	8"-SI-2406-11 TEE - TO - REDUCER	C-F C5.11	PT	NDE 3.3-159	C C - - -	9-23-88 PT COMPLETE

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8" SAFETY INJECTION SUPPORTS & HANGERS

ZONE NUMBER: 088		ASHE	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B26

238600	4-PRWH-4	F-C	VT-3	NDE 4.3-71	C C - - -	9-21-88 PT COMPLETE
	U-BOLT RESTRAINT AND HORIZ.	F3.10	2-4-89	M89-593	- - - C	
	STRUT			NCR-88-0253		
			1-17-89	NCR-N-89-0113		
			4-18-89	M-89-2122	C - - -	



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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LOW PRESSURE SAFETY INJECTION

ZONE NUMBER: 089		ASME			N I O		
		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY EXAM			T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	
<hr/>							
REF. DWG. NO. 004-B27							
239000	8"-SI-2407-1A	C-F	PT	NDE 3.3-326	C C - - -	11-2-88 PT COMPLETE	
	PENETRATION #11 - TO - PIPE	C5.21	UT 45 AX	NDE 5.4-31	C - - -	11-3-88 UT COMPLETE	
			UT 45 CIRC	NDE 5.4-31	C - - -		
			UT 60 AX	NDE 5.4-31	C - - -		
						UT-41	
239200	8"-SI-2407-1	C-F	PT	NDE 3.3-217	C C - - -	10-11-88 PT COMPLETE: 10-17-88 UT	
	PIPE - TO - ELBOW	C5.21	UT 60 AX	NDE 5.4-14	- - C -	COMPLETE, ROOT AND COUNTERBORE GEOMETRY	
			UT 45 AX	NDE 5.4-15	- - C -		
			UT 45 CIRC	NDE 5.4-15	C - - -		
						UT-41	
239400	8"-SI-2407-2	C-F	PT	NDE 3.3-216	C C - - -	10-11-88 PT COMPLETE: 10-17-88 UT	
	ELBOW - TO - PIPE	C5.21	UT 60 AX	NDE 5.4-14	- - C -	COMPLETE, ROOT GEOMETRY	
			UT 45 AX	NDE 5.4-15	C - - -		
			UT 45 CIRC	NDE 5.4-15	C - - -		
						UT-41	
240600	8"-SI-2407-8	C-F	PT	NDE 3.3-215	C C - - -	10-11-88 PT COMPLETE: 10-14-88 UT	
	TEE - TO - PIPE	C5.21	UT 45 AX	NDE 5.4-15	C - - -	COMPLETE: NO EXAM UPSTREAM DUE TO TEE	
			UT 45 CIRC	NDE 5.4-15	C - - -	CONFIGURATION	
			UT 60 AX	NDE 5.4-15	C - - -		
						UT-41	
241000	8"-SI-2407-10A	C-F	PT	NDE 3.3-226	C C - - -	10-12-88 PT COMPLETE: 10-14-88 UT	
	PIPE - TO - VALVE 4-876E	C5.21	UT 45 AX	NDE 5.4-15	- - C -	COMPLETE, ID GEOMETRY: NO EXAM	
			UT 45 CIRC	NDE 5.4-15	C - - -	DOWNSTREAM DUE TO VALVE CONFIGURATION	
			UT 60 AX	NDE 5.4-15	- - C -		
						UT-41	
242800	8"-SI-2407-19	C-F	PT	NDE 3.3-214	C C - - -	10-11-88 PT COMPLETE: 10-19-88 UT	
	PIPE - TO - ELBOW	C5.21	UT 45 AX	NDE 5.4-16	- - C -	COMPLETE, COUNTERBORE AND ROOT GEOMETRY	
			UT 45 CIRC	NDE 5.4-16	C - - -		
			UT 60 AX	NDE 5.4-16	- - C -		
						UT-41	



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8" SAFETY INJECTION SUPPORTS AND HANGERS

ZONE NUMBER: 089		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

5614-H-509 REF. DWG. NO. 004-B27

243600	SR-450E	F-B	VT-3	NDE 4.3-106	C C - - -	10-11-88 VT COMPLETE
	LINEAR MECHANICAL CONNECTION	F2.10				
	19'- 3"					
244100	4-SIH-97	F-B	VT-3	NDE 4.3-103	C C - - -	10-11-88 VT COMPLETE
	LINEAR BOX RESTRAINT	F2.10				
	EL. 24'-6"					

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TURKEY POINT NUCLEAR PLANT UNIT 4
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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
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LOW PRESSURE SAFETY INJECTION

ZONE NUMBER: 091		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B29

247300	8"-SI-2409-1 VALVE 4-863A - TO - ELBOW	C-F C5.11	PT	NDE 3.3-139	C C - - -	9-14-88 PT COMPLETE
247500	8"-SI-2409-3 PIPE - TO - TEE	C-F C5.11	PT	NDE 3.3-140	C C - - -	9-14-88 PT COMPLETE
248200	8"-SI-2409-10 VALVE 4-887 - TO - REDUCER	C-F C5.11	PT	NDE 3.3-169	C C - - -	9-29-88 PT COMPLETE

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SAFETY INJECTION SUCTION TO PUMP C

ZONE NUMBER: 092		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B30

248500	6"-SI-2401-1 TEE - TO - PIPE	C-F C5.11	PT	NDE 3.3-157	C C - - -	9-21-88 PT COMPLETE
248550	6"-SI-2401-1A PIPE -TO- PUP	C-F C5.11	PT	NDE 3.3-158	C C - - -	9-21-88 PT COMPLETE
249000	6"-SI-2401-6 ELBOW - TO - REDUCER	C-F C5.11	PT	NDE 3.3-156	C C - - -	9-21-88 PT COMPLETE



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TURKEY POINT NUCLEAR PLANT UNIT 4
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S.I. TO REFUEL CANAL SUPPORTS AND HANGERS

ZONE NUMBER: 094		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B32

252100	4-ACH-94	F-C	VT-3	NDE 4.3-144	C - - - C	11-3-88 VT COMPLETE, HEAVILY RUSTED
	U-BOLT RESTRAINT	F3.10	11-8-88	CNR-88-4-051	- - - C	STUDS, WASHERS, AND NUTS AT BASE PLATE:
			3-8-89	NCR-89-0130	C - - -	AREA CLEANED PRIOR TO CONDUCTING THE
						CORRECTIVE ACTION DEFINED IN NCR: THIS
						CNF IS CLOSED
252700	4-ACH-88	F-C	VT-3	NDE 4.3-127	C C - - -	11-2-88 VT COMPLETE
	ANCHOR	F3.10				



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CLASS 2 COMPONENTS

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CONTAINMENT SPRAY PUMP DISCHARGE

ZONE NUMBER: 095		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-833

253100	6"-CS-2401-1	C-F	PT	NDE 3.3-160	C C - - -	9-23-88 PT COMPLETE
	PUMP - TO - ELBOW	C5.11				



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BORON TANK INLET

ZONE NUMBER: 097		ASME	N I O				
		SEC. XI	S O N G T				
		CATGY	EXAM	T R S E H			
SUMMARY EXAMINATION AREA				A E I O E			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G H R	REMARKS	
*****CALIBRATION BLOCK**							

REF. DWG. NO. 004-B35

257700	6"-CS-2403-2	C-F	PT	NDE 3.3-337	C C - - -	11-22-88 PT COMPLETE
	ELBOW - TO - TANK	C5.11				



6-23-84

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MAIN STEAM INSIDE CONT. LOOP A SUPPORTS & HANGERS

				N I O			
ZONE NUMBER: 099				ASME	S O N G T		
				SEC. XI	T R S E H		
SUMMARY EXAMINATION AREA				CATGY	EXAM	A E I O E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B37

259300	4-MSH-21	F-C	VT-3	NDE 4.3-140	C - - - C	11-3-88 VT COMPLETE, LOOSE NUT, LOWER
	DUAL SPRING HANGER WITH PIPE	F3.10	11-8-88	CNR-88-4-049	- - - C	PIPE SUPPORT HAS 2 CRACKED WELDS ON
	SUPPORT		2-28-89	NCR-88-0187	- - - C	SMALL SPRING CAN SIDE; NCR-88-0187
	54' 10"		3-18-89	WA890315160148	C - - -	ISSUED FOR CRACKED WELDS, ENGINEERING
			VT-3	NDE 4.3-89-643	C - - -	ACCEPTED AS-IS, PWO WA890315160148
						ISSUED FOR LOOSE NUT, REEXAM OF
						TIGHTENED NUT ONLY
259400	4-MSH-21	F-C	VT-4	NDE 4.3-140	C C - - -	11-3-88 VT COMPLETE; ENGINEERING
	DUAL VARIABLE SPRING HANGER	F3.50	11-8-88	CNR-88-4-049	- - - C	EVALUATION THE SETTINGS ARE
	54' 10"		11-11-88	NCR-88-0187	C - - -	APPROXIMATELY ALIGNED WITH COLD LOAD
						ACCEPT AS-IS



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MAIN STEAM INSIDE CONT. B SUPPORTS & HANGERS

ZONE NUMBER: 100		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B38

260400	4-MSH-20 SPRING SUPPORT	F-C F3.10	VT-3	NDE 4.3-221	E C - - -	12-9-88 VT COMPLETE: ADDITIONAL EXAM
260500	4-MSH-20 SPRING SUPPORT	F-C F3.50	VT-4	NDE 4.3-221	E C - - -	12-9-88 VT COMPLETE: ADDITIONAL EXAM: REQUIRES VERIFICATION OF SETTINGS

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 2 COMPONENTS

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MAIN STEAM INSIDE CONT. LOOP C SUPP. & HANGERS

ZONE NUMBER: 101		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-839

261900	4-MSH-22A SPRING SUPPORT 54'-10"	F-C F3.10	VT-3	NDE 4.3-231	C C - - -	12-12-88 VT-3 COMPLETE
262000	4-MSH-22A SPRING SUPPORT	F-C F3.50	VT-4	NDE 4.3-231	C C - - -	12-12-88 VT-4 COMPLETE



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MAIN STEAM SYSTEM OUTSIDE CONTAINMENT LOOP A

						N I O	
ZONE NUMBER: 102		ASME				S O N G T	
		SEC. XI				T R S E H	
SUMMARY EXAMINATION AREA		CATGY	EXAM			A E I O E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T C G H R	**CALIBRATION BLOCK**

<u>REF. DWG. NO. 004-840</u>							
262200	26"-MSA-2404-1	C-F	MT	NDE 2.2-60	C	- - - C	10-26-88 MT COMPLETE, 7 LINEAR
	PENETRATION(26A) - TO - PIPE	C5.21	UT 45 AX	NDE 5.2-17		- - - C	INDICATIONS, 5 REJECTABLE, REMOVED BY
	PLATFORM		UT 45 CIRC	NDE 5.2-17		C - - -	GRINDING: 10-28-88 UT COMPLETE, SLAG
			UT 60 AX	NDE 5.2-17		- - C C	(ACCEPTABLE) AND ROOT GEOMETRY
			UT 0 DEG	NDE 5.18-1		C - - -	**UT-21**
			11-8-88	CNR-88-4-043		- - - C	
			11-11-88	NCR-88-0183		C - - -	
			1-6-89	NCR-N-89-0032		C - - -	
			1-10-89	PS 89-027		C - - -	
			MT 9.5	W-89-074		C - - -	
			4-12-89	NIS-2		C - - -	
262250	26"-MSA-2404-1LS	C-F	MT	NDE 2.2-51	C	C - - -	10-26-88 MT COMPLETE, 2.5T EXAMINED AT
	PIPE - LONG SEAM BETWEEN WELD	C5.22	UT 45 AX	NDE 5.2-40		C - - -	WELD 26"-MSA-2404-1: 11-3-88 MT
	9 AND 1		UT 45 CIRC	NDE 5.2-40		C - - -	COMPLETE, 2.5T EXAMINED AT WELD
			UT 60 AX	NDE 5.2-40		C - - -	26"-MSA-2404-5: 11-15-88 UT COMPLETE
			UT 0 DEG	NDE 5.18-1		C - - -	**UT-21**
			MT	NDE 2.2-77		C - - -	
262300	26"-MSA-2404-2	C-F	MT	NDE 2.2-50	C	C - - -	10-26-88 MT COMPLETE
	PIPE - TO - W.O.L.	C5.31	UT 0 DEG	NDE 5.18-1		C - - -	
262400	26"-MSA-2404-3	C-F	MT	NDE 2.2-50	C	C - - -	10-26-88 MT COMPLETE
	PIPE - TO - W.O.L.	C5.31	UT-T 0 DEG	NDE 5.18-1		C - - -	
262500	26"-MSA-2404-4	C-F	MT	NDE 2.2-50	C	C - - -	10-26-88 MT COMPLETE
	PIPE - TO - W.O.L.	C5.31	UT-T 0 DEG	NDE 5.18-1		C - - -	
262600	26"-MSA-2404-5	C-F	MT	NDE 2.2-74	C	C - - -	11-3-88 MT COMPLETE: 11-7-88 UT
	PIPE - TO - VALVE 4-2604	C5.21	UT 45 AX	NDE 5.2-36		- - C -	COMPLETE, COUNTERBORE AND ROOT GEOMETRY:
			UT 45 CIRC	NDE 5.2-36		C - - -	LIMITED SCAN DOWNSTREAM DUE TO VALVE
			UT 60 AX	NDE 5.2-36		- - C -	CONFIGURATION
			UT-T 0 DEG	NDE 5.18-1		C - - -	**UT-21**



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MAIN STEAM SYSTEM OUTSIDE CONTAINMENT LOOP A

ZONE NUMBER: 102		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B40

262800	12"-MSA-2401-2	C-F	MT	NDE 2.2-64	C C - - -	10-26-88 MT COMPLETE: LIMITED EXAM DUE
	TEE - TO - FLANGE	C5.21	UT	NDE 5.2		TO BOLTING INTERFERENCE

REF. DWG. NO. 004-B43

263200	12"-MSA-2402-1	C-F	MT	NDE 2.2-74	C C - - -	11-3-88 MT COMPLETE
	W.O.L. - TO - TEE	C5.31				

263600	12"-MSA-2402-6	C-F	MT	NDE 2.2-50	P C - - -	10-26-88 MT COMPLETE
	TEE - TO - CAP	C5.21	UT	NDE 5.2		

REF. DWG. NO. 004-B46

263800	6"-MSA-2401-2	C-F	MT	NDE 2.2-50	C C - - -	10-26-88 MT COMPLETE
	PIPE - TO - VALVE 4-10-001	C5.11				



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MAIN STEAM SYSTEM OUTSIDE CONTAINMENT LOOP B

					N I O	
ZONE NUMBER: 103		ASME			S O N G T	
		SEC. XI			T R S E H	
SUMMARY EXAMINATION AREA		CATGY	EXAM		A E I O E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	**CALIBRATION BLOCK**

<u>REF. DWG. NO. 004-B41</u>						
264300	26"-MSB-2405-1 PENETRATION(26B) - TO - PIPE	C-F CS.21	MT UT 45 AX UT 45 CIRC UT 60 AX UT-T 0 DEG	NDE 2.2-52 NDE 5.2-30 NDE 5.2-30 NDE 5.2-30 NDE 5.18-1	C C - - - C - - - C - - - - - C C C - - -	10-19-88 MT COMPLETE: 10-28-88 UT COMPLETE, ROOT GEOMETRY AND ACCEPTABLE SLAG **UT-21**
264350	26"-MSB-2405-1LS PIPE - LONG SEAM BETWEEN WELD 1 AND 5	C-F CS.22	MT UT-T 0 DEG UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-48 NDE 2.2-52 NDE 5.18-1 NDE 5.2-42 NDE 5.2-42 NDE 5.2-42	C C - - - C - - - C - - - C - - - C - - - C - - -	10-25-88 MT COMPLETE, 2.5T OF LONG SEAM EXAMINED AT WELD 5: 10-19-88 MT COMPLETE, 2.5T AT WELD 26"-MSB-2405-1: 11-15-88 UT COMPLETE **UT-21**
264400	26"-MSB-2405-2 PIPE - TO - W.O.L.	C-F CS.21	MT UT-T 0 DEG UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-71 NDE 5.18-1 NDE 5.2-37 NDE 5.2-37 NDE 5.2-37	C C - - - C - - - C - - - C - - - - - C -	11-7-88 MT COMPLETE: 11-8-88 UT COMPLETE, ID GEOMETRY: NO EXAM ON WELDOLET DUE TO ITS CONFIGURATION **UT-21**
264500	26"-MSB-2405-3 PIPE - TO - W.O.L.	C-F CS.21	MT UT-T 0 DEG UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-72 NDE 5.18-1 NDE 5.2-37 NDE 5.2-37 NDE 5.2-37	C C - - - C - - - C - - - C - - - - - C -	11-3-88 MT COMPLETE: 11-8-88 UT COMPLETE, ID GEOMETRY: NO EXAM ON WELDOLET DUE TO ITS CONFIGURATION **UT-21**
264600	26"-MSB-2405-4 PIPE - TO - W.O.L.	C-F CS.21	MT UT-T 0 DEG UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-66 NDE 5.18-1 NDE 5.2-37 NDE 5.2-37 NDE 5.2-37	C - - - C C - - - C - - - C - - - - - C -	11-3-88 MT COMPLETE (2) LINEAR IND LOCATED ON HEADER SIDE, ACCEPTABLE: 11-8-88 UT COMPLETE, ID GEOMETRY: NO EXAM FROM WELDOLET DUE TO ITS CONFIGURATION **UT-21**
264700	26"-MSB-2405-5 PIPE - TO - VALVE 4-2605	C-F CS.21	MT UT 45 AX UT 45 CIRC UT 60 AX UT-T 0 DEG	NDE 2.2-48 NDE 5.2-24 NDE 5.2-24 NDE 5.2-24 NDE 5.18-1	C C - - - - - C - C - - - - - C - C - - -	10-25-88 MT COMPLETE: 10-29-88 UT COMPLETE, ID GEOMETRY: LIMITED SCAN DOWNSTREAM DUE TO VALVE CONFIGURATION, LIMITED EXAM ON WELD DUE TO PRESENCE OF TACK WELDS **UT-21**

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MAIN STEAM SYSTEM OUTSIDE CONTAINMENT LOOP B

ZONE NUMBER: 103		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B41

265200	12"-MSB-2403-4 TEE - TO - FLANGE	C-F C5.21	MT UT	NDE 2.2-65 NDE 5.2	P C - - - 10-19-88 MT COMPLETE: LIMITED EXAM DUE TO FLANGE BOLTING INTERFERENCE
265300	12"-MSB-2403-5 TEE - TO - CAP	C-F C5.21	MT UT	NDE 2.2-42 NDE 5.2	P C - - - 10-19-88 MT COMPLETE
265900	6"-MSB-2402-1 W.O.L. - TO - PIPE	C-F C5.11	MT	NDE 2.2-70	C C - - - 11-7-88 MT COMPLETE



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MAIN STEAM OUTSIDE CONTMT. LOOP B SUPP. & HANGERS

ZONE NUMBER: 103		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B41

266400	B	F-C	VT-3	NDE 4.3-170	C - - - C	11-9-88 VT COMPLETE, ALL MATING SURFACES
	SINGLE ACTING RESTRAINT	F3.10	11-11-88	CNR-88-4-065	- - - C	FROM SUPPORT TO PIPE ARE RUSTY, CONCRETE
			1-31-89	PS 89-149	C - - -	BROKEN AND MISSING; REPAIRED CONCRETE,
			VT-3	9.9-3.1 M89-721	C - - -	REPAINTED AND REEXAMINED ON 2-13-89 BY
						CONSTRUCTION BACKFIT



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MAIN STEAM SYSTEM OUTSIDE CONTAINMENT LOOP C

ZONE NUMBER: 104		ASME			N I O
		SEC. XI			S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B42

266500	26"-MSC-2406-1	C-F	MT	NDE 2.2-49	C C - - -	10-25-88 MT COMPLETE: 10-29-88 UT
	PENETRATION (26C) - TO - PIPE	C5.21	UT 45 AX	NDE 5.2-18	- - - C	COMPLETE, ACCEPTABLE SLAG
			UT 45 CIRC	NDE 5.2-18	C - - -	
			UT 60 AX	NDE 5.2-18	- - - C	
			UT-T 0 DEG	NDE 5.18-1	C - - -	**UT-21**
266550	26"-MSC-2406-1LS	C-F	MT	NDE 2.2-49	C C - - -	10-25-88 MT COMPLETE, 2.5T AT WELD NO.
	PIPE- LONG SEAM BETWEEN WELD 1	C5.22	UT 45 AX	NDE 5.2-41	C - - -	1: 11-3-88 MT COMPLETE, 2.5T AT WELD
	AND 9		UT 45 CIRC	NDE 5.2-41	C - - -	5:11-15-88 UT COMPLETE
			UT 60 AX	NDE 5.2-41	C - - -	
			UT-T 0 DEG	NDE 5.18-1	C - - -	**UT-21**
			MT	NDE 2.2-78	C - - -	
266600	26"-MSC-2406-2	C-F	MT	NDE 2.2-49	C C - - -	10-25-88 MT COMPLETE
	PIPE - TO - W.O.L.	C5.21	UT-T 0 DEG	NDE 5.18-1	C - - -	
266700	26"-MSC-2406-3	C-F	MT	NDE 2.2-59	C - - - C	10-25-88 MT COMPLETE, LINEAR, SIZE=.7"
	PIPE - TO - W.O.L.	C5.21	UT-T 0 DEG	NDE 5.18-1	C - - -	REJECTED, REPAIRED BY LIGHT GRINDING
	PLATFORM		11-8-88	CNR-88-4-042	- - - C	
			11-11-88	NCR-88-0182	C - - -	
			1-16-89	NCR-N-89-0029	C - - -	
			1-7-89	PS 89-025	C - - -	
			UT-T	M89-182	C - - -	
			MT 9.5	W-89-073	C - - -	
			4-12-89	NIS-2	C - - -	
266800	26"-MSC-2406-4	C-F	MT	NDE 2.2-67	C - - - C	11-3-88 MT COMPLETE, 1 LINEAR, SIZE=.7",
	PIPE - TO - W.O.L.	C5.21	UT-T 0 DEG	NDE 5.18-3	C - - -	REJECT; REPAIRED BY LIGHT GRINDING.
			5-26-89	CNR-88-4-076		
			5-26-89	NCR-89-0227		
			5-27-89	WAB90527165108		
			5-27-89	W89-1331	C - - -	



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MAIN STEAM SYSTEM OUTSIDE CONTAINMENT LOOP C

				N I O		
ZONE NUMBER: 104		ASME		S O N G T		
		SEC. XI		T R S E H		
SUMMARY EXAMINATION AREA		CATGY	EXAM	A E I O E		REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B42

266900	26"-MSC-2406-5	C-F	MT	NDE 2.2-73	C	C - - -	11-3-88 MT COMPLETE: 11-7-88 UT
	PIPE - TO - VALVE (POV-2606)	C5.21	UT 45 AX	NDE 5.2-35	-	- C -	COMPLETE, COUNTERBORE AND ROOT GEOMETRY:
			UT 45 CIRC	NDE 5.2-35	-	- C -	LIMITED EXAM DOWNSTREAM DUE TO VALVE
			UT 60 AX	NDE 5.2-35	-	- C -	CONFIGURATION
			UT-T 0 DEG	NDE 5.18-1	C	- - -	**UT-21**



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STEAM GEN. BLOWDOWN FROM GEN. 4E210A SUPP. & HANGE

ZONE NUMBER: 105		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B49

271900	H-420-09 RESTRAINT (BOX W/WELDED LUGS)RIGID	F-C F3.10	VT-3	NDE 4.3-226	C C - - -	12-9-88 REEXAMINATION PER IWF-2430(B) . COMPLETE
272700	H-420-01 RESTRAINT (BOX W/WELDED LUGS) RIGID	F-C F3.10	VT-3 12-13-88 3-17-89	NDE 4.3-225 CNR-88-4-075 NCR-89-0132	C - - - C - - - C C - - -	12-9-88 VT COMPLETE; REEXAMINATION PER IWF-2430(B); ALL CONDITIONS WERE CORRECTED BUT CHIPPED CONCRETE; 3-18-89 ENGINEERING DISPOSITION ACCEPTABLE AS-IS

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TURKEY POINT NUCLEAR PLANT UNIT 4
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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

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STEAM GENERATOR BLOWDOWN LOOP B IN CONT.

					N I O	
ZONE NUMBER: 106		ASHE			S O H G T	
		SEC. XI			T R S E H	
SUMMARY EXAMINATION AREA		CATGY EXAM			A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G H R	REMARKS

<u>REF. DWG. NO. 004-B50</u>						
272800	6"-BDB-2402-1 REDUCER-TO-VALVE (SGB-4-003)	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-43 NDE 5.2-38 NDE 5.2-38 NDE 5.2-38	C C - - - - - C - C - - - - - C -	10-21-88 MT COMPLETE: 11-1-88 UT COMPLETE, ROOT AND ID GEOMETRY: LIMITED SCAN DOWNSTREAM DUE TO VALVE CONFIGURATION **UT-22**
273200	6"-BDB-2402-5 VALVE 4-004 - TO - PIPE	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-43 NDE 5.2-38 NDE 5.2-38 NDE 5.2-38	C C - - - C - - - C - - - - - C -	10-21-88 MT COMPLETE: 11-1-88 UT COMPLETE, ROOT GEOMETRY: LIMITED SCAN UPSTREAM DUE TO VALVE CONFIGURATION **UT-22**
274000	6"-BDB-2402-7 TEE - TO - PIPE	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-43 NDE 5.2-38 NDE 5.2-38 NDE 5.2-38	C C - - - - - C - C - - - - - C -	10-21-88 MT COMPLETE: 11-1-88 UT COMPLETE, ROOT GEOMETRY **UT-22**
273800	6"-BDB-2402-11 ELBOW - TO - PIPE	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-69 NDE 5.2-34 NDE 5.2-34 NDE 5.2-34	C C - - - - - C - C - - - - - C -	11-8-88 MT COMPLETE: 11-1-88 UT COMPLETE, ROOT GEOMETRY **UT-22**
274300	6"-BDB-2402-16 PIPE - TO - ELBOW	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-45 NDE 5.2-39 NDE 5.2-39 NDE 5.2-39	C C - - - - - C - C - - - - - C -	10-24-88 MT COMPLETE: 10-31-88 UT COMPLETE, ID GEOMETRY **UT-22**
274500	6"-BDB-2402-18 PIPE - TO - REDUCER	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX	NDE 2.2-45 NDE 5.2-39 NDE 5.2-39 NDE 5.2-39	C C - - - - - C - C - - - - - C -	10-24-88 MT COMPLETE: 10-31-88 UT COMPLETE, ROOT GEOMETRY **UT-22**



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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STEAM GENERATOR BLOWDOWN LOOP B IN CONT.

ZONE NUMBER: 106		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B50

274600	6"-BDB-2402-19	C-F	MT	NDE 2.2-45	C C - - - 10-24-88 MT COMPLETE: 10-31-88 UT
	REDUCER - TO - PEN. 288	C5.21	UT 45 AX	NDE 5.2-39	- - C - COMPLETE, ID AND ROOT GEOMETRY
			UT 45 CIRC	NDE 5.2-39	C - - -
			UT 60 AX	NDE 5.2-39	- - C -
					UT-22

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

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STEAM GEN. BLOWDOWN FROM GEN. 4E210B SUPP. & HANGE

ZONE NUMBER: 106		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G M R **CALIBRATION BLOCK**	

REF. DWG. NO. 004-850

274700	H-421-06	F-C	VT-3	NDE 4.3-161	C C - - - 11-5-88 VT COMPLETE
	BOX RESTRAINT	F3.10			



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

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STEAM GEN. BLOWDOWN OUTSIDE CONTMT. 4E210A SUPP. &

ZONE NUMBER: 108		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E, REMARKS
					T C G H R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B52

279500	H-423-16	F-C	VT-3	NDE 4.3-168	C C - - - 11-9-88 VT COMPLETE
	RIGID RESTRAINT	F3.10			



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 136

MAIN FEEDWATER LOOP A

					N I O		
ZONE NUMBER: 111		ASME			S O N G T		
		SEC. XI			T R S E H		
SUMMARY EXAMINATION AREA		CATGY	EXAM		A E I O E	REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B55							
280700	14"-FWA-2401-1	C-F	MT	NDE 2.2-58	C C - - -	11-1-88 MT COMPLETE: 11-3-88 UT	
	VALVE (CV-2900) - TO - ELBOW	C5.21	UT 45 AX	NDE 5.2-33	- - C -	COMPLETE, COUNTERBORE, CHILL RING, AND	
			UT 45 CIRC	NDE 5.2-33	C - - -	ROOT GEOMETRY: NO EXAM UPSTREAM DUE TO	
			UT 60 AX	NDE 5.2-33	- - C -	VALVE CONFIGURATION	
						UT-20	
281000	14"-FWA-2401-4	C-F	MT	NDE 2.2-61	C - - - C	10-27-88 MT COMPLETE, LINEAR, SIZE =	
	PIPE - TO - ELBOW	C5.21	UT 45 CIRC	NDE 5.2-28	C - - -	2.1", REJECT, REPAIR BY GRINDING, CLOSED	
			UT 60 AX	NDE 5.2-28	- - C -	ON 3-9-89: 11-4-88 UT COMPLETE, ROOT,	
			UT 45 AX	NDE 5.2-28	- - C -	CHILL RING, AND COUNTERBORE GEOMETRY	
			11-8-88	CNR-88-4-044	- - - C	**UT-20**	
			11-11-88	NCR-88-0184	- - - C		
			1-6-89	NCR-N-89-0027	- - - C		
			1-10-89	PS-89-023	- - - C		
			MT	9.5-W89-099	C - - -		
			UT THICK	M89-207	C - - -		
			2-28-89	NIS-2	C - - -		
283100	18"-FWA-2401-FW-1A	C-F	MT	NDE 2.2-47	C C - - -	10-26-88 MT COMPLETE: 10-27-88 UT 60	
	REDUCER - TO - NOZ. EXT.	C5.21	UT 45 AX	NDE 5.2-22	C - - -	COMPLETE, ID GEOMETRY: 11-2-88 UT 45	
			UT 45 CIRC	NDE 5.2-22	C - - -	COMPLETE	
			UT 60 AX	NDE 5.2-22	- - C -		
						UT-29	
283200	18"-FWA-2401-A-1	C-F	MT	NDE 2.2-47	C C - - -	10-26-88 MT COMPLETE: 10-28-88 UT	
	NOZ. EXT. - TO - NOZZLE	C5.21	UT 45 AX	NDE 5.2-26	- - C -	COMPLETE, 1 SINGLE INDICATION DETECTED	
			UT 45 CIRC	NDE 5.2-26	C - - -	BY TWO ANGLE FROM TWO DIRECTIONS,	
			UT 60 AX	NDE 5.2-26	- - C -	DETERMINED TO BE ACCEPTABLE SLAG	
						UT-10	
283300	AUGMENTED EXAM	---	UT 45 AX	NDE 5.16-9	A C - - -	11-2-88 UT COMPLETE, 18" SIDE: 10-27-88	
	FROM NOZ. RAMP TO 1 DIA. ON	---	UT 60 AX	NDE 5.16-9	C - - -	UT COMPLETE, 14" SIDE	
	ELBOW		UT 45 AX	NDE 5.16-13	C - - -		
			UT 60 AX	NDE 5.16-13	C - - -		
						UT-20, UT-29	



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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MAIN FEEDWATER LOOP A SUPPORTS & HANGERS

ZONE NUMBER: 111		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	
<u>REF. DWG. NO. 004-B55</u>							
283600	4-FWH-15 SPRING CAN HANGER	F-C F3.10	VT-3 12-12-88	NDE 4.3-219 CNR-88-4-073	C C - - - - - - C	12-9-88 REEXAMINATION PER IWF-2420(B) IN NEXT PERIOD COMPLETE; THIS EXAMINATION ALSO VERIFIES CORRECTIVE ACTION WAS PERFORMED	
283700	4-FWH-15 SPRING CAN HANGER	F-C F3.50	VT-4 12-12-88	NDE 4.3-219 CNR-88-4-073	C C - - - - - - C	12-9-88 RECORDED SETTINGS FALL WITHIN THE MARKED SETTINGS ON THE PLATE.	
283800	4-FWH-16 SPRING CAN HANGER	F-C F3.10	VT-3 12-12-88	NDE 4.3-227 CNR-88-4-073	C C - - - - - - C	12-9-88 REEXAMINATION PER IWF-2430(B)	
283900	4-FWH-16 SPRING CAN HANGER	F-C F3.50	VT-4 12-12-88 12-21-88 3-10-89 VT-3/4	NDE 4.3-227 CNR-88-4-073 NCR-88-0250 WA890310105452 4.3-227R	C - - - C - - - C - - - C C - - - C - - -	12-9-88 REEXAMINATION PER IWF-2430(B) SETTING UNACCEPTABLE, 2-28-89 ENGINEERING DISPOSITION WAS TO CROSS OUT OLD H & C WITH A X AND RESTAMP C @ 2625, H @ 3016, ADJUSTMENT OF SPRING NOT REQUIRED	



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TURKEY POINT NUCLEAR PLANT UNIT 4
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OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

PAGE: 138

MAIN FEEDWATER LOOP B

						N I O		
ZONE NUMBER: 112		ASME				S O N G T		
		SEC. XI				T R S E H		
SUMMARY EXAMINATION AREA		CATGY	EXAM			A E I O E	REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-B56								
285500	14"-FWB-2402-5 ELBOW - TO - PIPE	C-F C5.21	MT UT 45 CIRC UT 45 AX UT 60 AX 11-8-89 11-11-89 1-16-89 MT TS 9.5 UT THICK 2-28-89	NDE 2.2-62 NDE 5.2-27 NDE 5.2-27 NDE 5.2-27 CNR-88-4-045 NCR-88-0185 NCR-N-89-0028 W-89-100 M89-208 NIS-2	C - - - C - - - C - - C - - - C - - - - C - - - C C - - - C - - - C - - - C - - -	10-27-88 MT COMPLETE: 1 LINEAR IND, SIZE=1.0", REJECTED, REMOVED BY GRINDING: 11-4-88 UT COMPLETE, CHILL RING AND ROOT GEOMETRY **UT-20**		
285800	14"-FWB-2402-8 PIPE - TO - ELBOW	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX 11-11-88 12-15-88 1-23-89 1-10-89 MT UT THICK 2-28-89	NDE 2.2-75 NDE 5.2-31 NDE 5.2-31 NDE 5.2-31 CNR-88-4-056 NCR-88-0242 NCR-N-89-0030 PS 89-026 9.5 W89-132 M89-245 NIS-2	C - - - C C - - - C - - - - - C - - - - C - - - C C - - - C - - - C - - - C - - - C - - -	10-27-88 MT COMPLETE, 11 LINEAR INDICATIONS, REJECT, REPAIRED BY GRINDING, CLOSED 1-23-89: 11-3-88 UT COMPLETE, BACKING BAR GEOMETRY **UT-20**		
286100	14"-FWB-2402-11 ELBOW - TO - PIPE	C-F C5.21	MT UT 45 AX UT 45 CIRC UT 60 AX VT-1 12-1-88	NDE 2.2-46 NDE 5.2-31 NDE 5.2-31 NDE 5.2-31 NDE 4.1-89 CNR-88-4-067	C C - - - - - C - C - - - - - C - - - - C - - - C	10-26-88 MT COMPLETE, GOUGE, CNF-88-4-067 ISSUED: 11-3-88 UT COMPLETE, BACKING BAR GEOMETRY **UT-20**		
286700	18"-FWB-2402-FW-19 REDUCER - TO - NOZ. EXT.	C-F C5.21	UT 45 AX UT 45 CIRC UT 60 AX	NDE 5.2-21 NDE 5.2-21 NDE 5.2-21	A C - - - C - - - - - C -	10-27-88 UT COMPLETE, ID GEOMETRY **UT-20**		

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TURKEY POINT NUCLEAR PLANT UNIT 4

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INSERVICE INSPECTION FINAL REPORT TABLES
 OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
 CLASS 2 COMPONENTS

MAIN FEEDWATER LOOP B

ZONE NUMBER: 112	ASME			N I O	
	SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA	CATGY	EXAM		T R S E H	
NUMBER IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
-----	-----	-----	-----	T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B56

.286900	AUGMENTED EXAM	---	UT 45 AX	NDE 5.16-10	A C - - -	11-2-88 UT COMPLETE, 18" SIDE: 10-26-88
	FROM NOZZLE RAMP TO 1 DIA. ON	---	UT 60 AX	NDE 5.16-10	C - - -	UT COMPLETE, 14" SIDE
	ELBOW		UT 45 AX	NDE 5.16-12	C - - -	
			UT 60 AX	NDE 5.16-12	C - - -	

UT-20



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS

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MAIN FEEDWATER LOOP B SUPPORTS & HANGERS

ZONE NUMBER: 112		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B56

287000	4-FWH-42	F-C	VT-3	NDE 4.3-115	C . C - - - 10-31-88 VT COMPLETE, SURFACE RUST AND PAINT FLAKING OFF
	STRUT HANGER	F3.10			





**TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 2 COMPONENTS**

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MAIN FEEDWATER LOOP C

ZONE NUMBER: 113

ASME
SEC. XI

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

SUMMARY EXAMINATION AREA

CATGY	EXAM
1	1
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3	3
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100	100

A E I O E REMARKS

[illegible]

ITEM NO	METHOD	PROCEDURE
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T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-B57

289000 14"-FWC-2403-FW-3C
ELBOW - TO - PIPE

C-F	MT	NDE 2.2-40
C5.21	UT 45 AX	NDE 5.2-32
	UT 45 CIRC	NDE 5.2-32
	UT 60 AX	NDE 5.2-32

C C - - - 10-3-88 MT COMPLETE: 10-27-88 UT
- - C - COMPLETE, COUNTERBORE AND ROOT GEOMETRY
C - - -
- - C -

UT-20

289100 14"-FWC-2403-FW-2C
PIPE - TO - REDUCER

C-F	MT	NDE 2.2-40
C5.21	UT 45 AX	NDE 5.2-32
	UT 45 CIRC	NDE 5.2-32
	UT 60 AX	NDE 5.2-32

C C - - - 10-3-88 MT COMPLETE
C - - - 10-27-88 UT COMPLETE
C - - -
C - - -
UT-20

200 18"-FWC-2403-FW-1C
REDUCER - TO - NOZ. EXT.

C-F	MT	NDE 2.2-40
C5.21	UT 45 AX	NDE 5.2-23
	UT 45 CIRC	NDE 5.2-23
	UT 60 AX	NDE 5.2-23

C C - - - 10-3-88 MT COMPLETE: 11-2-88 UT
- - C - COMPLETE, ROOT AND ID GEOMETRY
C - - -
- - C -

***IT-20**

289300 18"-FWC-2403-C-1
NOZ. EXT. - TO - NOZZLE

C-F	MT	NDE 2.2-41
C5.21	UT 45 AX	NDE 5.2-25
	UT 45 CIRC	NDE 5.2-25
	UT 60 AX	NDE 5.2-25

C - - - C 10-3-88 MT COMPLETE, (3) LINEAR IND.
C - - - (.15"), (.10"), (.15") ALL ACCEPTABLE:
C - - - 10-28-88 UT COMPLETE
C - - -
UT-29

289400 AUGMENTED EXAM
FROM NOZ. RAMP TO 1 DIA ON
ELBOW

```

---      UT 45 AX      NDE 5.16-8
---      UT 60 AX      NDE 5.16-8
          UT 45 AX      NDE 5.16-11
          UT 60 AX      NDE 5.16-11

```

C C - - - 11-2-88 UT COMPLETE, 18" SIDE: 10-27-88
C - - - UT COMPLETE, 14" SIDE
C - - -
C - - -
 UT-20. UT-29

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TURKEY POINT NUCLEAR PLANT UNIT 4
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FEEDWATER BYPASS LINE LOOP B

ZONE NUMBER: 115		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-859

291400	6"-FW-2402-5	C-F	MT	NDE 2.2-53 R1	C C - - -	10-27-88 MT COMPLETE
	PIPE - TO - W.O.L.	C5.11				

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 2 COMPONENTS

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AUXILIARY FEEDWATER LOOP B SUPPORTS & HANGERS

ZONE NUMBER: 115		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-B59

291500	4-FWH-4	F-C	VT-3	NDE 4.3-116	C - - - C	10-31-88 VT-3 COMPLETE: INCOMPLETE
	VARIABLE SPRING SUPPORT	F3.10	11-8-88	CNR-88-4-039	- - - C	THREAD ENGAGEMENT: CNF-88-4-039 ISSUED
	PLATFORM		1-6-89	NCR-N-89-0039	C - - -	TO PLANT FOR PROCESSING IN ACCORDANCE
			3-8-89	PS 89-301	C - - -	WITH PLANT PROCEDURES; REPLACED PIPE
			VT 10.23	M89-1425	- - - C	CLAMP BOLTS
			VT-3	M89-1656	C - - -	
			4-7-89	NIS-2	C - - -	
291600	4-FWH-4	F-C	VT-4	NDE 4.3-116	C - - - C	10-31-88 VT-4 COMPLETE: LOAD PLATE IS
	VARIABLE SPRING SUPPORT	F3.50	11-8-88	CNR-88-4-039	- - - C	MISSING: REPLACED SPRING CAN
			1-6-89	NCR-89-0039	- - - C	
			3-8-89	PS 89-301	C - - -	
			3-21-89	M89-1656	C - - -	
			4-7-89	NIS-2	C - - -	



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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 2 COMPONENTS

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RESIDUAL HEAT EXCHANGER (A)

						N I O		
ZONE NUMBER: 117		ASME				S O N G T		
		SEC. XI				T R S E H		
SUMMARY EXAMINATION AREA		CATGY	EXAM			A E I O E	REMARKS	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-V14A

292610	4-RHE-A-7 PAD TO SHELL	C-B C2.31	PT	NDE 3.3-280	C C - - -	10-21-88 PT COMPLETE
292620	4-RHE-A-8 PAD TO NOZZLE	C-B C2.31	PT	NDE 3.3-279	C C - - -	10-21-88 PT COMPLETE



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CLASS 2 COMPONENTS

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EXCESS LETDOWN HEAT EXCHANGER

ZONE NUMBER: 119

ASME

SEC. XI

CATGY EXAM

ITEM NO METHOD PROCEDURE

N I O

S O N G T

T R S E H

A E I O E REMARKS

T C G H R **CALIBRATION BLOCK**

SUMMARY EXAMINATION AREA

NUMBER IDENTIFICATION

REF. DWG. NO. 004-V15

293600 4-LDHX-1

CAP - TO - TUBE SHEET

C-A

UT 45 AX NDE 5.4-17

C1.30

UT 45 CIRC NDE 5.4-17

UT 60 AX NDE 5.4-17

C - - C -

10-20-88 UT COMPLETE, COUNTERBORE AND

C - - -

ROOT GEOMETRY

- - C -

UT-41

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 122		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C3

294800	4-ACH-193 SPRING HANGER W/LUGS	F-C F3.10	VT-3	NDE 4.3-75	C C - - -	9-27-88 VT COMPLETE
294900	4-ACH-193 SPRING HANGER W/LUGS	F-C F3.50	VT-4	NDE 4.3-75	C - - - C	9-27-88 VT COMPLETE, RECORDED SETTINGS
			9-28-88	CNR-88-4-023	- - - C	H=1.25", C=2", ACCEPTABLE AS-IS
			3-14-89	NCR-89-0127	C - - -	
			3-14-89	WA890314140805	C - - -	

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 123		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C4

296100	4-ACH-190 SPRING HANGER	F-C F3.10	VT-3	NDE 4.3-77	C C - - -	9-27-88 VT COMPLETE
296200	4-ACH-190 SPRING HANGER	F-C F3.50	VT-4	NDE 4.3-77 9-28-88 CNR-88-4-025 3-14-89 NCR-89-0126 4-6-89 WA890314141338	C - - - C - - - C	9-27-88 VT COMPLETE, RECORDED SETTINGS OF 1.3" AND 1.375", ACCEPTABLE AS-IS



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 126		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G H R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-C7

297900	4-ACH-19 STANCHION	F-C F3.10	VT-3	NDE 4.3-138	C C - - -	11-4-88 VT COMPLETE
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298000	SR-688 ANCHOR	F-C F3.10	VT-3	NDE 4.3-139	C C - - -	11-4-88 VT COMPLETE
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COMPONENT COOLING WATER SUPPORTS & HANGERS

ZONE NUMBER: 127		ASME	N I O		
SUMMARY EXAMINATION AREA		SEC. XI	S O N G T		
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	REMARKS
		ITEM NO	METHOD		
					A E I O E
					T C G M R
					CALIBRATION BLOCK

REF. DWG. NO. 004-C8

298200	4-ACH-63 ROD HANGER	F-C F3.10	VT-3	NDE 4.3-135	C C - - -	11-4-88 VT COMPLETE
298700	4-ACH-53 SLIDING STANCHION	F-C F3.10	VT-3	NDE 4.3-163	C - - - C	11-4-88 VT COMPLETE, LOOSE U-BOLT AND
			11-11-88	CNR-88-4-060	- - - C	MISSING NUTS, CORRECTIVE ACTION WILL BE
			3-16-89	NCR-89-0131	- - - C	ACCOMPLISHED UNDER DEEP 89-173, NO
			1-6-89	NCR-N-89-0038	- - - C	FURTHER ACTION REQUIRED

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 129		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
-----		-----	-----	-----	T C G M R	**CALIBRATION BLOCK**
-----		-----	-----	-----	-----	-----
<u>REF. DWG. NO. 004-C10</u>						
299200	4-ACH-49 3 SIDED BOX RESTRAINT W/STEM SUPPORT	F-C F3.10	VT-3	NDE 4.3-212	E C - - -	12-9-88 VT COMPLETE, EXPANDED SCOPE EXAM
299300	4-ACH-50 ROD HANGER	F-C F3.10	VT-3	NDE 4.3-48	C - - - C	12-9-88 PERFORMED A REEXAMINATION TO
			2-25-86	NCR-86-18	- - - C	CLOSE OUT MCI-86-18: LOOSE NUT STILL
			VT-3	NDE 4.3-210	- - - C	EXISTS; CLOSED MCI-86-18 AND ISSUED
			12-12-88	CNR-88-4-072	- - - C	CNF-88-4-072; RETIGHTENED AND REPLACED
			3-8-89	NCR-89-0136	- - - C	NUTS PER NCR-89-0136: WILL BE REEXAMINED
			3-28-89	WA890322151909	C - - -	NEXT OUTAGE
			VT-3	NDE 4.3-89-0678	C - - -	
299400	4-ACH-51 SLIDING STANCHION	F-C F3.10	VT-3	NDE 4.3-211	E C - - -	12-9-88 VT COMPLETE ADDITIONAL EXAM



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 130		ASME		S O N G T	
		SEC. XI		T R S E H	
SUMMARY EXAMINATION AREA		CATGY EXAM		A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R
REMARKS					
CALIBRATION BLOCK					

REF. DWG. NO. 004-C12					
299600	4-CCH-27 DOUBLE ACTING RESTRAINT	F-C F3.10	VT-3	NDE 4.3-119	C C - - - 11-1-88 VT-3 COMPLETE
299700	4-CCH-51 SLIDING STANCHION	F-C F3.10	VT-3 VT-3	NDE 4.3-178 NDE 4.3-246	E - - - C 12-7-88 ADDITIONAL EXAM TO DETERMINE C - - - EXTENT OF CORROSION: NO EVIDENCE OF REDUCTION IN THE LOAD BEARING CAPACITY OF THE SUPPORT
299800	4-CCH-52 SLIDING STANCHION	F-C F3.10	VT-3 VT-3	NDE 4.3-177 NDE 4.3-247	C - - - C 12-7-88 REEXAMINATION TO DETERMINE C - - - EXTENT OF CORROSION, HEAVY BUT NO EVIDENCE OF REDUCING THE LOAD BEARING CAPACITY OF THE SUPPORT: CNF-88-4-066 ISSUED TO PLANT FOR ACTION
299900	4-CCH-26 DOUBLE ACTING RESTRAINT	F-C F3.10	VT-3 VT-3 11-17-88 VT-3	NDE 4.3-120 NDE 4.3-180 CNR-88-4-066 NDE 4.3-236	C C - - - 11-1-88 VT-3 COMPLETE, CORROSION: - - - C 12-7-88 REEXAMINATION TO DETERMINE - - - C EXTENT OF CONDITION C - - -
300000	10-281-1 BOX RESTRAINT	F-C F3.10	VT-3 VT-3	NDE 4.3-176 NDE 4.3-234	E - - - C 12-7-88 VT COMPLETE: EXPANDED SCOPE C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION
300100	4-CCH-64 SLIDING STANCHION	F-C F3.10	VT-3 VT-3	NDE 4.3-179 NDE 4.3-250	E - - - C 12-7-88 VT COMPLETE: EXPANDED SCOPE C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 131		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G H R **CALIBRATION BLOCK**	

REF. DWG. NO. 004-C13

300300	4-ACH-203	F-C	VT-3	NDE 4.3-93	C C - - - 9-30-88 VT COMPLETE
	U-BOLT RESTRAINT W/CRUSH	F3.10			
	SADDLE/WELDED				

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 133		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-C15

301800	4-ACH-205 SPRING HANGER/WELDED	F-C F3.10	VT-3	NDE 4.3-76	C C - - -	9-27-88 VT COMPLETE
301900	4-ACH-205 SPRING HANGER/WELDED	F-C F3.50	VT-4	NDE 4.3-76	C - - - C	9-27-88 VT COMPLETE: CNF ISSUED FOR
			9-28-88	CNR-88-4-024	- - - C	VERIFICATION OF SETTINGS: RECORDED
			12-18-88	NCR-88-0210	- - - C	SETTING 3880, READJUSTED SPRING TO COLD
			3-15-89	NCR-N-89-0031	C - - -	LOAD OF 4360
			3-19-89	PS 89-015	C - - -	
			VISUAL	10.23 M89-358	C - - -	
			VT-3/VT4	M-89-1481	C - - -	

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CLASS 3 COMPONENTS

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 134		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C16

303000	SR-703	F-C	VT-3	NDE 4.3-148	C C - - -	11-3-88 COMPLETE
	ANCHOR	F3.10				



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 135		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

5614-H-533 REF. DWG. NO. 004-C17

303500	4-CCH-30	F-B	VT-3	NDE 4.3-121	C - - - C	11-1-88 VT-3 COMPLETE: CORROSION WITH
	LINEAR DOUBLE ACTING RESTRAINT	F2.10	1-14-89	NCR-89-0026		PAINT FLAKING OFF AT VERTICAL SUPPORT
	73'-10 3/8		2-8-89	NCR-N-89-0240		WELDS: ADDITIONAL REPAIRS MADE DUE TO
			1-23-89	M89-402	C - - -	JNE WALKDOWN. BOLTING TIGHTENED.
303700	SR-437	F-B	VT-3	NDE 4.3-141	C C - - -	11-3-88 COMPLETE
	LINEAR 4 SIDED BOX RESTRAINT	F2.10				
	73'-10 3/8					

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 CLASS 3 COMPONENTS

COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 137		ASME	N I O				
		SEC. XI	S O N G T				
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-C19

304200	4-CCH-25 ANCHOR	F-C F3.10	VT-3	NDE 4.3-165	C C - - -	11-8-88 VT COMPLETE	
304500	4-ACH-28 ROD HANGER	F-C F3.10	VT-3 11-11-88	NDE 4.3-169 CNR-88-4-064	C - - - C - - - C	11-8-88 VT COMPLETE, LOCKNUT BACKED OFF, INCOMPLETE NUT ENGAGEMENT ON BOTTOM OF CLAMP, CNF ISSUED, NUTS WILL BE TIGHTENED DURING FUTURE OUTAGE, WILL BE RESCHEDULED FOR NEXT OUTAGE	



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INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 3 COMPONENTSCOMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 139		ASME	H I O		
SUMMARY EXAMINATION AREA		SEC. XI	S O N G T		
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	REMARKS
		ITEM NO	METHOD		
					A E I O E
					T C G M R
					CALIBRATION BLOCK

REF. DWG. NO. 004-C21

305400	4-CCH-13 DOUBLE ACTING RESTRAINT	F-C F3.10	VT-3	NDE 4.3-149	C C - - -	11-3-88 VT COMPLETE
305500	SR-708 DOUBLE ACTING RESTRAINT	F-C F3.10	VT-3 2-25-86 VT-3 12-10-88 2-27-86	NDE 4.3-47 NCR-MC1-86-15 NDE 4.3-209 CNF-88-4-071 NCR-254-86	C - - - C - - - C - - - C - - - C C - - -	12-9-88 PERFORMED A REEXAMINATION TO CLOSE OUT MC1-86-15: CONDITIONS HAVE NOT BEEN CORRECTED: RESEARCH OF RECORDS IDENTIFIED NCR-254-86 ISSUED FOR CORRECTIVE ACTION; ENGINEERING DISPOSITION - ACCEPTABLE AS-IS
305700	4-CCH-15 DOUBLE ACTING RESTRAINT	F-C F3.10	VT-3	NDE 4.3-150	C C - - -	11-3-88 VT COMPLETE
306200	4-CCH-17 DOUBLE ACTING RESTRAINT	F-C F3.10	VT-3	NDE 4.3-151	C C - - -	11-3-88 VT COMPLETE



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CLASS 3 COMPONENTS

COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 141		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G M R	

REF. DWG. NO. 004-C23					
307100	4-CCH-28	F-C	VT-3	NDE 4.3-182	E C - - - 12-7-88 VT COMPLETE: EXPANDED SCOPE
	GANG HANGER RESTRAINT	F3.10	VT-3	NDE 4.3-239	C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION
307200	4-CCH-27	F-C	VT-3	NDE 4.3-181	E - - - C 12-7-88 VT COMPLETE: EXPANDED SCOPE
	HANGER (GANG RESTRAINT)	F3.10	VT-3	NDE 4.3-238	C - - - EXAMINATION TO DETERMINE THE EXTENT OF CORROSION:
307300	4-CCH-29	F-C	VT-3	NDE 4.3-183	E C - - - 12-7-88 VT COMPLETE: EXPANDED SCOPE
	RESTRAINT (BOX)	F3.10	VT-3	NDE 4.3-240	C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION
307400	4-CCH-30	F-C	VT-3	NDE 4.3-121	C - - - C 11-1-88 VT-3 COMPLETE, CORROSION WITH
	GANG HANGER RESTRAINT	F3.10	VT-3	NDE 4.3-184	- - - C PAINT FLAKING OFF AT VERTICAL SUPPORT
			11-17-88	CNR-88-4-066	- - - C WELDS: 12-7-88 VT COMPLETE, ADDITIONAL
			VT-3	NDE 4.3-241	C - - - EXAM TO DETERMINE EXTENT OF CORROSION
307500	4-CCH-31	F-C	VT-3	NDE 4.3-185	E - - - C 12-7-88 VT COMPLETE, EXPANDED SCOPE
	GANG HANGER RESTRAINT	F3.10	VT-3	NDE 4.3-242	C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION
307600	4-CCH-32	F-C	VT-3	NDE 4.3-186	E - - - C 12-7-88 VT COMPLETE: EXPANDED SCOPE
	GANG HANGER RESTRAINT	F3.10	VT-3	NDE 4.3-243	C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION
307700	4-CCH-33	F-C	VT-3	NDE 4.3-122	C - - - C 11-1-88 VT-3 COMPLETE, CORROSION WITH
	GANG HANGER RESTRAINT	F3.10	VT-3	NDE 4.3-187	- - - C PAINT FLAKING OFF AT VERTICAL SUPPORT
			11-17-88	CNR-88-4-066	- - - C WELDS: 12-7-88 EXPANDED SCOPE
			VT-3	NDE 4.3-244	C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 142		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-C24</u>						
307900	4-CCH-57	F-C	VT-3	NDE 4.3-208	E - - - C	12-7-88 VT COMPLETE: EXPANDED SCOPE
	DOUBLE ACTING RESTRAINT	F3.10	VT-3	NDE 4.3-258	C - - -	EXAMINATION TO DETERMINE EXTENT OF CORROSION, LIGHT RUST
308000	4-CCH-67	F-C	VT-3	NDE 4.3-205	E - - - C	12-7-88 VT COMPLETE: EXPANDED SCOPE
	SUPPORT (SLIDING BASE STANCHION)	F3.10	VT-3	NDE 4.3-253	C - - -	EXAMINATION TO DETERMINE EXTENT OF CORROSION, LIGHT RUST
308100	4-CCH-63	F-C	VT-3	NDE 4.3-207	E C - - -	12-7-88 VT COMPLETE: EXPANDED SCOPE
	ROD HANGER	F3.10				EXAMINATION TO DETERMINE EXTENT OF CORROSION
308200	4-CCH-66	F-C	VT-3	NDE 4.3-206	E - - - C	12-7-88 VT COMPLETE: EXPANDED SCOPE
	BOX RESTRAINT	F3.10	VT-3	NDE 4.3-252	C - - -	EXAMINATION TO DETERMINE EXTENT OF CORROSION, LIGHT RUST
308300	4-CCH-65	F-C	VT-3	NDE 4.3-204	E - - - C	12-7-88 VT COMPLETE: EXPANDED SCOPE
	SLIDING STANCHION	F3.10	VT-3	NDE 4.3-251	C - - -	EXAMINATION TO DETERMINE EXTENT OF CORROSION, LIGHT RUST



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

					N I O	
ZONE NUMBER: 144		ASME			S O N G T	
		SEC. XI			T R S E H	
SUMMARY EXAMINATION AREA		CATGY EXAM			A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	REMARKS

IN SUPPORT OF ECCS, CHR, AC, RHR REF. DWG. NO. 004-C26						
308800	4-CCH-39 U-BOLT RESTRAINT C EL 34'8"	F-B F2.10	VT-3	NDE 4.3-143	C C - - -	11-3-88 VT COMPLETE
308810	4-CCH-39 U-BOLT RESTRAINT C EL 34'8"	F-C F3.10	VT-3	NDE 4.3-143	C C - - -	11-3-88 VT COMPLETE
308820	4-CCH-39 INTEGRAL ATTACHMENT (3"x1 1/2") 5/8" T C EL 34'8"	D-C D3.20	VT-3	NDE 4.3-143	C C - - -	11-3-88 VT COMPLETE
308900	4-CCH-47 4 SIDED BOX RESTRAINT C EL 57'0"	F-B F2.10	VT-3	NDE 4.3-194	E - - - C	12-8-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION
309000	4-CCH-28 4 SIDED BOX RESTRAINT C EL73'10"	F-B F2.10	VT-3	NDE 4.3-193	E C - - -	12-8-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION TO DETERMINE EXTENT OF CORROSION
309100	4-CCH-27 DOUBLE ACTING RESTRAINT C EL73'10"	F-B F2.10	VT-3 VT-3	NDE 4.3-192 NDE 4.3-254	E - - - C C - - -	12-8-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION TO DETERMINE EXTENT OF CORROSION
309200	4-CCH-26 DOUBLE ACTING RESTRAINT C EL73'10"	F-B F2.10	VT-3 VT-3 11-17-88	NDE 4.3-124 NDE 4.3-195 CNR-88-4-066	C - - - C C - - - - - - C	11-1-88 VT-3 COMPLETE: 12-8-88 REEXAMINATION TO DETERMINE EXTENT OF CORROSION
309300	4-CCH-60 DOUBLE ACTING RESTRAINT C EL73'10"	F-B F2.10	VT-3 VT-3	NDE 4.3-191 NDE 4.3-255	E - - - C C - - -	12-8-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION TO DETERMINE EXTENT OF CORROSION

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 144		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**
<u>IN SUPPORT OF ECCS, CHR, AC, RHR REF. DWG. NO. 004-C26</u>					
309400	4-CCH-59	F-B	VT-3	NDE 4.3-123	C - - - C 11-1-88 VT-3 COMPLETE, CORROSION WITH
	DOUBLE ACTING RESTRAINT	F2.10	VT-3	NDE 4.3-188	- - - C PAINT FLAKING OFF AT VERTICAL SUPPORT
	C EL73'10"		11-17-88	CNR-88-4-066	- - - C WELDS AND PAD: 12-8-88 REEXAMINATION TO DETERMINE EXTENT OF CORROSION
309500	4-CCH-58	F-B	VT-3	NDE 4.3-190	E - - - C 12-8-88 VT COMPLETE: EXPANDED SCOPE
	RESTRAINT (DOUBLE ACTING)	F2.10	VT-3	NDE 4.3-257	C - - - EXAMINATION TO DETERMINE EXTENT OF CORROSION
	C EL73'10"				
309600	478-1	F-B	VT-3	NDE 4.3-189	E C - - - 12-8-88 VT COMPLETE, EXPANDED SCOPE
	RESTRAINT (RIGID STRUT)	F2.10			EXAMINATION TO DETERMINE EXTENT OF CORROSION, DESIGN CONFIGURATION PROBLEM, DEEP 89-138 ISSUED TO MODIFY SUPPORT MOVING TO A NEW LOCATION
	C EL 64'5"				

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 147		ASME		N I O	
SUMMARY EXAMINATION AREA		SEC. XI		S O N G T	
NUMBER IDENTIFICATION		CATGY	EXAM	T	R S E H
		ITEM NO	METHOD	PROCEDURE	A E I O E
					T C G M R
					REMARKS
					CALIBRATION BLOCK
-----		-----	-----	-----	-----

REF. DWG. NO. 004-C29

311200	4-CCH-50	F-C	VT-3	NDE 4.3-118	C C - - -	11-1-88 VT-3 COMPLETE
	SLIDING STANCHION	F3.10				

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 149		ASME		S O N G T	
		SEC. XI		T R S E H	
SUMMARY EXAMINATION AREA		CATGY	EXAM	A E I O E	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G H R
				REMARKS	
				CALIBRATION BLOCK	

REF. DWG. NO. 004-C31					
312100	279-1	F-C	VT-3	NDE 4.3-196	E C - - -
	3 SIDED BOX RESTRAINT	F3.10	VT-3	NDE 4.3-233	C - - -
12-8-88 VT COMPLETE: EXPANDED SCOPE					
EXAMINATION TO DETERMINE EXTENT OF CORROSION					
312200	4-CCH-58	F-C	VT-3	NDE 4.3-126	C - - - C
	DOUBLE ACTING RESTRAINT	F3.10	VT-3	NDE 4.3-201	- - - C
11-1-88 VT-3 COMPLETE: 12-8-88					
REEXAMINATION TO DETERMINE EXTENT OF					
CORROSION					
			11-17-88	CNR-88-4-066	- - - C
			VT-3	NDE 4.3-256	C - - -
			VT-3	NDE 4.3-259	C - - -
312300	4-CCH-59	F-C	VT-3	NDE 4.3-202	E C - - -
	DOUBLE ACTING RESTRAINT	F3.10	VT-3	NDE 4.3-248	C - - -
12-8-88 VT COMPLETE: EXPANDED SCOPE					
EXAMINATION TO DETERMINE EXTENT OF CORROSION					
312400	4-CCH-60	F-C	VT-3	NDE 4.3-203	E C - - -
	DOUBLE ACTING RESTRAINT	F3.10	VT-3	NDE 4.3-249	C - - -
12-8-88 VT COMPLETE: EXPANDED SCOPE					
EXAMINATION TO DETERMINE EXTENT OF CORROSION					
312500	4-CCH-26	F-C	VT-3	NDE 4.3-197	E C - - -
	RESTRAINT (DOUBLE ACTING)	F3.10	VT-3	NDE 4.3-235	C - - -
12-8-88 VT COMPLETE: EXPANDED SCOPE					
EXAMINATION TO DETERMINE EXTENT OF CORROSION					
312600	4-CCH-27	F-C	VT-3	NDE 4.3-119	C C - - -
	DOUBLE ACTING RESTRAINT	F3.10	VT-3	NDE 4.3-198	- - - C
11-1-88 VT COMPLETE: 12-8-88					
REEXAMINATION TO DETERMINE EXTENT OF					
CORROSION					
			VT-3	NDE 4.3-237	C - - -
312700	4-CCH-28	F-C	VT-3	NDE 4.3-199	E C - - -
	RESTRAINT	F3.10			
12-8-88 VT COMPLETE: EXPANDED SCOPE					
EXAMINATION TO DETERMINE EXTENT OF CORROSION					
312800	4-CCH-45	F-C	VT-3	NDE 4.3-200	E - - - C
	4 SIDED BOX RESTRAINT	F3.10	VT-3	NDE 4.3-245	C - - -
12-8-88 VT COMPLETE: EXPANDED SCOPE					
EXAMINATION TO DETERMINE EXTENT OF CORROSION					



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 150		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
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IN SUPPORT OF ECCS, CHR, AC, RHR REF. DWG. NO. 004-C32

313200	4-CCH-55 ROD HANGER C EL 75'4"	F-B F2.10	VT-3	NDE 4.3-157	C C - - -	11-5-88 VT COMPLETE
313210	4-CCH-55 ROD HANGER C EL 75'4"	F-C F3.10	VT-3	NDE 4.3-157	C C - - -	11-5-88 VT COMPLETE
313300	4-CCH-32 4 SIDED BOX RESTRAINT C EL 75'4"	F-B F2.10	VT-3	NDE 4.3-158	C C - - -	11-5-88 VT COMPLETE

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 152		ASME				N I O
		SEC. XI				S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-C34</u>						
314800	4-ACH-187 SLIDING STANCHION	F-C F3.10	VT-3	NDE 4.3-213	E C - - -	12-9-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION
314900	4-ACH-188 SPRING HANGER	F-C F3.10	VT-3 9-28-88 3-6-89 3-20-89 VT-3/4	NDE 4.3-74 CNR-88-4-022 NCR-89-0128 WA890320165852 89-702	C - - - C - - - C C - - -	9-27-88 VT COMPLETE, LOOSE LOCK NUTS, TIGHTENED PER NCR
315000	4-ACH-188 SPRING HANGER	F-C F3.50	VT-4 9-28-88 3-6-89 3-20-89 VT-3/4	NDE 4.3-74 CNR-88-4-022 NCR-89-0128 WA89032165852 89-702	C - - - C - - - C C - - -	9-27-88 VT COMPLETE: CNF ISSUED FOR VERIFICATION OF SETTINGS: RECORDED SETTINGS .8" AND .9", ACCEPTABLE AS-IS
315100	SR-692 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-214	E C - - -	12-9-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION

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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 153		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C35

315900	SR-675 SLIDING STANCHION	F-C F3.10	VT-3	NDE 4.3-147	C C - - -	11-3-88 VT COMPLETE
316100	4-CCH-7 ROD HANGER	F-C F3.10	VT-3 11-8-88 PWO VT-3	NDE 4.3-145 CNR-88-4-050 WA881207092740 NDE 4.3-232	C - - - C - - - C - - - C C - - -	11-3-88 VT COMPLETE, INCOMPLETE THREAD ENGAGEMENT ON LOCK NUT: PWO WA8812070927 ISSUED FOR REPLACEMENT OF BOLT & NUT WITH LONGER BOLT: BASELINE PERFORMED 1-6-89 NRI
316800	SR-679 RESTRAINT	F-C F3.10	VT-3	NDE 4.3-146	C C - - -	11-3-88 VT COMPLETE



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COMPONENT COOLING SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 156		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C38

318300	SR-667 SPRING HANGER	F-C F3.10	VT-3	NDE 4.3-66	C C - - -	9-14-88 VT COMPLETE
318400	SR-667 SPRING HANGER	F-C F3.50	VT-4	NDE 4.3-66	C C - - -	9-14-88 VT COMPLETE: RECORDED SPRING
			9-14-88	CNR-88-4-017R	- - - C	SETTINGS POUNDS 3880, INCHES 1 1/4".
			9-15-88	WA880915123529		CNF ISSUED TO PLANT FOR VERIFICATION OF
						SETTINGS: DETERMINED TO BE ACCEPTABLE
						PER DESIGN SPEC + OR - 5%



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AUX. FEEDWATER SYSTEM DISCH. SUPPORTS & HANGERS

ZONE NUMBER: 158		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G M R **CALIBRATION BLOCK**	

REF. DWG. NO. 004-C40

320900	H-323-12 DUAL STRUT HANGER	F-C F3.10	VT-3	NDE 4.3-136	C C - - - 11-4-88 VT COMPLETE
321000	H-323-11 4 SIDED BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-137	C C - - - 11-4-88 VT COMPLETE

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AUX. FEEDWATER SYSTEM DISCH. SUPPORTS & HANGERS

				N I O	
ZONE NUMBER: 159				ASME	S O N G T
				SEC. XI	T R S E H
SUMMARY EXAMINATION AREA				CATGY EXAM	A E I O E REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R **CALIBRATION BLOCK**
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REF. DWG. NO. 004-C41

321800	H-323-03	F-C	VT-3	NDE 4.3-81	C C - - - 9-27-88 VT COMPLETE
	RESTRAINT (4 SIDED BOX)DOUBLE	F3.10			
	ACTING				

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AUX. FEEDWATER SYSTEM DISCH. SUPPORTS & HANGERS

ZONE NUMBER: 161		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C43						
323200	SR-525 4 SIDED BOX RESTRAINT W/LUGS	F-C F3.10	VT-3	NDE 4.3-90	C C - - -	9-27-88 VT COMPLETE: REVIEW OF DWG. 5610-P-154 REV. 2 IDENTIFIES THIS SUPPORT AS H-324-11
323500	SR-527 4 SIDED BOX REST. W/U-BOLT/CRUSH SADDLE	F-C F3.10	VT-3	NDE 4.3-216	E C - - -	12-9-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION
323600	4-CSTH-14 ROD HANGER	F-C F3,10	VT-3 9-28-88 10-24-88 1-6-89 2-4-89 VT-3 3-27-89	NDE 4.3-89 CNR-88-4-028 NCR-88-0159 NCR-N-89-0037 PS 89-165 M89-943 NIS-2	C - - - C - - - C C - - -	9-27-88 VT COMPLETE: REVIEW OF DWG. 5610-P-154 REV. 2 IDENTIFIES THIS HANGER AS H-324-13: CNF ISSUED BENT OR DEFORMED RODS: RODS REPLACED
323700	4-CSTH-17 RESTRAINT	F-C F3.10	VT-3	NDE 4.3-215	E C - - -	12-9-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION
323900	4-CSTH-37 STRUT RESTRAINT	F-C F3.10	VT-3 9-28-88 1-13-89 VT-3	NDE 4.3-91 CNR-88-4-029 PS 89-064 9.9-M89-402	C - - - C - - - C C - - - C - - -	9-27-88 VT COMPLETE: REVIEW OF DWG 5610-P-154 REV. 2 IDENTIFIES THIS STRUT AS H-324-19: CNF ISSUED FOR INCOMPLETE THREAD ENGAGEMENT: READJUSTED PIPE CLAMP THREAD ENGAGEMENT

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AUX. FEEDWATER SYSTEM DISCH. SUPPORTS & HANGERS

ZONE NUMBER: 162		ASME	N I O		
SUMMARY EXAMINATION AREA		SEC. XI	S O N G T		
NUMBER	IDENTIFICATION	CATGY	EXAM	PROCEDURE	T R S E H
		ITEM NO	METHOD		A E I O E
					T C G M R
					REMARKS
					CALIBRATION BLOCK

REF. DWG. NO. 004-C44

324200	H-324-18	F-C	VT-3	NDE 4.3-82	C - - - C	9-27-88 VT COMPLETE: CNF ISSUED FOR
	SPRING HANGER	F3.10	9-28-88	CNR-88-4-027	- - - C	INCOMPLETE THREAD ENGAGEMENT: REEAMINED
			10-25-88	NCR-88-0160	- - - C	
			3-14-89	NCR-N-89-0323	C - - -	
			3-5-89	PS 89-311	C - - -	
			VISUAL	10.23 M89-1387	C - - -	
			VT-3 9.9	3.1 M-89-1388	C - - -	
324300	H-324-18	F-C	VT-4	NDE 4.3-82	C - - - C	9-27-88 VT COMPLETE: CNF ISSUED FOR
	SPRING HANGER	F3.50	9-28-88	CNR-88-4-027	- - - C	VERIFICATION OF SETTINGS, READJUSTED
			10-25-88	NCR-88-0160	- - - C	SETTING TO 229 LBS
			3-14-89	NCR-N-89-0323	C - - -	
			3-5-89	PS 89-311	C - - -	
			VT-3/4	M-89-1388	C - - -	
324600	4-CSTH-124	F-C	VT-3	NDE 4.3-83	C C - - -	9-27-88 VT COMPLETE
	ROD HANGER	F3.10				

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AUX. FEEDWATER SYSTEM DISCH. SUPPORTS & HANGERS

ZONE NUMBER: 163		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. 004-C48

325300	H-323-23 STRUT HANGER	F-C F3.10	VT-3	NDE 4.3-217	E C - - -	12-9-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION
325400	H-323-22 STRUT HANGER	F-C F3.10	VT-3	NDE 4.3-84	C C - - -	9-27-88 VT COMPLETE
325500	H-323-01 STRUT HANGER	F-C F3.10	VT-3	NDE 4.3-218	E C - - -	12-9-88 VT COMPLETE: EXPANDED SCOPE EXAMINATION

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AUX. FEEDWATER SYSTEM SUCTION SUPPORTS & HANGERS

ZONE NUMBER: 164		ASME			N I O		
		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY		EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

REF. DWG. NO. 004-C45							
326100	H-341-21 ROD HANGER	F-C F3.10	VT-3	NDE 4.3-87	C C - - -	9-27-88 VT COMPLETE	
326300	H-341-19 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-88	C C - - -	9-27-88 VT COMPLETE	
326500	H-341-17 ROD HANGER	F-C F3.10	VT-3	NDE 4.3-86	C - - - C	9-27-88 VT COMPLETE: CNF ISSUED FOR	
			9-28-88	CNR-88-4-026	- - - C	INCOMPLETE THREAD ENGAGEMENT, ADJUSTED	
			1-19-89	PS 89-064	C - - -	PIPE CLAMP THREAD ENGAGEMENT	
			VT-3	9.9-M89-402	C - - -		
328000	H-341-03 SLIDING STANCHION/WELDED	F-C F3.10	VT-3	NDE 4.3-85	C C - - -	9-27-88 VT COMPLETE	

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CIRC. WATER INTAKE SUPPORTS & HANGERS

ZONE NUMBER: 165		ASME	N I O			
		SEC. XI	S O N G T			
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**
<u>REF. DWG. NO. 004-C49</u>						
328500	2 RESTRAINT	F-C F3.10	VT-3	NDE 4.3-156	C C - - -	11-5-88 VT COMPLETE
328800	M-197-9 PEDESTAL SUPPORT	F-C F3.10	VT-3	NDE 4.3-155	C C - - -	11-5-88 VT COMPLETE
328825	VALVE 4-50-331 SYSTEM INSERVICE TEST 18'-6"	D-B D2.10	VT-2	NDE 4.2-1	C C - - -	11-21-88 VT-2 OF VALVE ONLY

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CIRC. WATER SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 166		ASME			N I O
		SEC. XI			S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-C50

328899	J	F-C	VT-3	NDE 4.3-92	C C - - - 9-27-88 VT COMPLETE
	PEDESTAL SUPPORT	F3.10			

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SUPPORT PEDESTALCIRC. WATER SYSTEM SUPPORTS & HANG

ZONE NUMBER: 167		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
				T C G M R **CALIBRATION BLOCK**	

REF. DWG. NO. 004-C51

330100	H-190-10	F-C	VT-3	NDE 4.3-79	C C - - - 9-27-88 VT COMPLETE
	PEDESTAL SUPPORT	F3.10			

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CIRC. WATER SYSTEM SUPPORTS & HANGERS

ZONE NUMBER: 167		ASME	N I O		
		SEC. XI	S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM	T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E REMARKS
					T C G M R **CALIBRATION BLOCK**

REF. DWG. NO. 004-C51

330400	H-190-09 PEDESTAL SUPPORT	F-C F3.10	VT-3	NDE 4.3-80	C C - - - 9-27-88 VT COMPLETE
330800	H-190-01 BOX RESTRAINT	F-C F3.10	VT-3	NDE 4.3-78	C C - - - 9-27-88 VT COMPLETE
330825	4E207A CCW HEAT EXCHANGER	---	UT-0 THICK	NDE 5.18-1	C C - - - 12-1-88 THICKNESS ON CHANNEL HEAD RANGES FROM 0.66" TO 0.72" **COPPER NICKEL STEPWEDGE**
330850	4E207B CCW HEAT EXCHANGER	---	UT-0 THICK	NDE 5.18-1	C C - - - 12-1-88 THICKNESS ON CHANNEL HEAD COMPLETE RANGES FROM 0.68" TO 0.70" **COPPER NICKEL STEPWEDGE**
330875	4E207C CCW HEAT EXCHANGER	---	UT-0 THICK	NDE 5.18-1	C C - - - 12-1-88 UT THICKNESS COMPLETE THICKNESS RANGES FROM 0.64" TO 0.72" **COPPER NICKEL STEPWEDGE**



DATE: 08/31/89

REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 4 COMPONENTS

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CONDENSER NORTH SIDE

ZONE NUMBER: 200		ASME				N I O
		SEC. XI				S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
						T C G M R
						CALIBRATION BLOCK

REF. DWG. NO. A LATER

400000	E7A (4ANO)	---	ET	NDE 1.1	C - - - C	10-25-88 - 11,200 TUBES EXAMINED 100%, 10 TUBES PLUGGABLE
	INLET WATERBOX	---				

LATER



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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 4 COMPONENTS

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CONDENSER NORTH SIDE

ZONE NUMBER: 201		ASME			N I O	
		SEC. XI			S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E	REMARKS
					T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. B LATER

400010	E7A (4ANO)	---	ET	NDE 1.1	C - - - C	10-26-88 - 11,200 TUBES EXAMINED 100%, 280 TUBES PLUGGABLE
	OUTLET WATERBOXES	---				

LATER

DATE: 08/31/89

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 4 COMPONENTS

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CONDENSER SOUTH SIDE

ZONE NUMBER: 201		ASME			N I O
		SEC. XI			S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E
					T C G M R
					REMARKS
					CALIBRATION BLOCK

REF. DWG. NO. B LATER

400020	E7A (4ASO)	---	ET	NDE 1.1	C - - - C	10-31-88 11,200 TUBES EXAMINED 100%, 33
	INLET WATERBOXES	---				TUBES PLUGGABLE

LATER

400030	E7A (4ASO)	---	ET	NDE 1.1	C - - - C	10-31-88 11,200 TUBES EXAMINED 100%, 13
	OUTLET WATERBOXES	---				TUBES PLUGGABLE

LATER



DATE: 08/31/89

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 4 COMPONENTS

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CONDENSER NORTH SIDE

ZONE NUMBER: 201		ASME				N I O	
		SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E	REMARKS
						T C G H R	**CALIBRATION BLOCK**

REF. DWG. NO. B LATER

400040	E7B (48NO)	---	ET	NDE 1.1	C - - - C	11-1-88 11,200 TUBES EXAMINED 100%, 14
	INLET WATERBOXES	---				TUBES PLUGGABLE

LATER

400050	E7B (48NO)	---	ET	NDE 1.1	C - - - C	10-31-88 11,200 TUBES EXAMINED 100%, 9
	OUTLET WATERBOXES	---				TUBES PLUGGABLE

LATER

DATE: 08/31/89

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TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 4 COMPONENTS

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CONDENSER SOUTH SIDE

ZONE NUMBER: 201		ASME			N I O		
		SEC. XI			S O N G T		
SUMMARY EXAMINATION AREA		CATGY	EXAM		T R S E H		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	A E I O E		REMARKS
					T C G M R		**CALIBRATION BLOCK**

REF. DWG. NO. B LATER

400060	E7B (4BSO)	---	ET	NDE 1.1	C - C - -	11-4-88 - 11,200 TUBES EXAMINED 100%, NO
	INLET WATERBOXES	---				TUBES PLUGGABLE

LATER

400070	E7B (4BSO)	---	ET	NDE 1.1	C - - - C	11-3-88 - 11,200 TUBES EXAMINED 100%, 3
	OUTLET WATERBOXES	---				TUBES PLUGGABLE

LATER

DATE: 08/31/89

REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
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CLASS 4 COMPONENTS

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REACTOR VESSEL HEAD LIFT RIG

ZONE NUMBER: 300		ASME		N I O			
		SEC. XI		S O N G T			
SUMMARY EXAMINATION AREA		CATGY		T R S E H			
NUMBER	IDENTIFICATION	ITEM NO	EXAM METHOD	PROCEDURE	A E I O E	REMARKS	
					T C G M R	**CALIBRATION BLOCK**	

<u>REF. DWG. NO. A-1</u>							
403500	2/3-A	---	MT	9.4 W 88-503	C C - - -	9-28-88 MT COMPLETE	
	CLEVIS PLATE TO LEG (FILLET)	---					
	CTMT						
403600	2/3-B	---	MT	9.4 W 88-503	C C - - -	9-28-88 MT COMPLETE	
	CLEVIS PLATE TO LEG (FILLET)	---					
	CTMT						
403650	2/3-C	---	MT	9.4 W 88-503	C C - - -	9-28-88 MT COMPLETE	
	CLEVIS PLATE TO LEG (FILLET)	---					
	CTMT						
403700	4/5-A	---	MT	9.4 W 88-503	C C - - -	9-28-88 MT COMPLETE	
	RING GIRDER TO SUPPORT LUG	---					
	(FILLET)						
	CTMT						
403800	4/5-B	---	MT	9.4 W 88-503	C C - - -	9-28-88 MT COMPLETE	
	RING GIRDER TO SUPPORT LUG	---					
	(FILLET)						
	CTMT						
403850	4/5-C	---	MT	9.4 W 88-503	C C - - -	9-28-88 MT COMPLETE	
	RING GIRDER TO SUPPORT LUG	---					
	(FILLET)						
	CTMT						
403900	11/12-A	---	MT	9.4 W 88-435	C C - - -	9-24-88 MT COMPLETE	
	LINK LUGS TO LINK (FULL	---					
	PENETRATION)						
	CTMT						

DATE: 08/31/89

REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 4 COMPONENTS

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REACTOR VESSEL HEAD LIFT RIG

ZONE NUMBER: 300		ASME				N I O	
		SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM				T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E	REMARKS
						T C G M R	**CALIBRATION BLOCK**

REF. DWG. NO. A-1

404000	11/12-B	---	MT	9.4 W 88-435	C C - - -	9-24-88 MT COMPLETE
	LINK LUGS TO LINK (FULL	---				
	PENETRATION)					
	CTMT					
404050	11/12-C	---	MT	9.5 W 88-435	C C - - -	9-24-88 MT COMPLETE
	LINK LUGS TO LINK (FULL	---				
	PENETRATION)					
	CTMT					

DATE: 08/31/89

REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
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CLASS 4 COMPONENTS

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REACTOR VESSEL INTERNALS LIFT RIG

ZONE NUMBER: 400		ASME		N I O	
		SEC. XI		S O N G T	
SUMMARY EXAMINATION AREA		CATGY EXAM		T R S E H	
NUMBER IDENTIFICATION		ITEM NO METHOD		A E I O E REMARKS	
		PROCEDURE		T C G M R **CALIBRATION BLOCK**	
-----		-----		-----	
REF. DWG. NO. A-10					
407600	8/9-A	---	MT	9.4 W-88-461	C C - - - 9-27-88 MT COMPLETE
	TOP LUGS TO SLING BLOCK (FULL	---			
	PEN.)				
	CTMT				
407700	8/9-B	---	MT	9.4 W 88-461	C C - - - 9-27-88 MT COMPLETE
	TOP LUGS TO SLING BLOCK (FULL	---			
	PEN.)				
	CTMT				
407800	9/10-A	---	MT	9.4 W 88-461	C C - - - 9-27-88 MT COMPLETE
	SIDE LUGS TO SLING BLOCK (FULL	---			
	PEN.)				
	CTMT				
407900	9/10-B	---	MT	9.4 W 88-461	C C - - - 9-27-88 MT COMPLETE
	SIDE LUGS TO SLING BLOCK (FULL	---			
	PEN.)				
	CTMT				
407910	9/10-C	---	MT	9.4 W 88-461	C C - - - 9-27-88 MT COMPLETE
	SIDE LUGS TO SLING BLOCK (FULL	---			
	PEN.)				
	CTMT				
408000	14-A	---	MT	9.4 W 88-461	C C - - - 9-27-88 MT COMPLETE
	SPREADER ASSEMBLY (FILLET)	---			
	CTMT				
408010	14-B	---	MT	9.4 W 88-461	C C - - - 9-27-88 MT COMPLETE
	SPREADER ASSEMBLY (FILLET)	---			
	CTMT				

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TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 4 COMPONENTS

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REACTOR VESSEL INTERNALS LIFT RIG

ZONE NUMBER: 400		ASME				N I O	
		SEC. XI				S O N G T	
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H	
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		A E I O E	REMARKS
						T C G M R	**CALIBRATION BLOCK**

<u>REF. DWG. NO. A-10</u>							
408020	14-C	---	MT	9.4 W 88-461		C C - - -	9-27-88 MT COMPLETE
	SPREADER ASSEMBLY (FILLET)	---					
	CTMT						
408100	16/17-A	---	PT	9.5 W 88-460		C C - - -	9-27-88 MT COMPLETE
	LEG OUTER TUBE TO LEG ADAPTER	---					
	(FULL PEN)						
	CTMT						
408200	16/17-B	---	PT	9.5 W 88-460		C C - - -	9-27-88 MT COMPLETE
	LEG OUTER TUBE TO LEG ADAPTER	---					
	(FULL PEN)						
	CTMT						
408210	16/17-C	---	PT	9.5 W 88-460		C C - - -	9-27-88 MT COMPLETE
	LEG OUTER TUBE TO LEG ADAPTER	---					
	(FULL PEN)						
	CTMT						
408300	17/18-A	---	PT	9.5 W 88-493		C C - - -	9-27-88 PT COMPLETE
	LEG OUTER TUBE TO LEVELING	---					
	SLV(FULL PEN)						
	CTMT						
408400	17/18-B	---	PT	9.5 W 88-493		C C - - -	9-27-88 PT COMPLETE
	LEG OUTER TUBE TO LEVELING	---					
	SLV(FULL PEN)						
	CTMT						
408410	17/18-C	---	PT	9.5 W 88-493		C C - - -	9-27-88 PT COMPLETE
	LEG OUTER TUBE TO LEVELING	---					
	SLV(FULL PEN)						
	CTMT						



DATE: 08/31/89
REVISION: 3

TURKEY POINT NUCLEAR PLANT UNIT 4
INSERVICE INSPECTION FINAL REPORT TABLES
OUTAGE 1 (1988), SECOND PERIOD, SECOND INTERVAL
CLASS 1 COMPONENTS

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REACTOR COOLANT PRESSURE BOUNDARY

ZONE NUMBER: 001		ASME				N I O
		SEC. XI				S O N G T
SUMMARY EXAMINATION AREA		CATGY	EXAM			T R S E H
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	T C G M R	A E I O E REMARKS

RCPB REF. DWG. NO. 004-V1						
408700	SYSTEM LEAKAGE TEST	B-P	TEST	OP 1004.1	C C - - -	5-3-89 VT-2 COMPLETE
	DURING RCS OVERPRESSURE TEST	B15.10	VT-2	NDE 4.2-M892436	C - - -	

ATTACHMENT 5

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date May 19, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Sheet 1 of 1
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address Unit # 4
CWO: D1-3140, PS-89-097, N-89-0113
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Safety Injection System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Safety Inj. P Suct. Line	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced bent structural member on Restraint 4-PRWH-4.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F

N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding was performed in accordance with FP&L Welding Control Manualand Site Procedures.Quality Group "B".

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROT SITE MGR. Date 5-23, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period JAN. 27, 1989 to MAY 19, 1989, 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 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.

D.E. Boyer
Inspector's Signature

Factory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and Endorsements

Date 5/25 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5-22-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO:D1-3347
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM:89-196 MPTI:89-054M
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Chemical and Volume Control System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CVCS Piping System	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Modified support H-552-H-2 by adding 2x2 angle brace and baseplate.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A.
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual andsite procedures.Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young, PROJ SITE MGR Date 5-23, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by

Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period MARCH 21, 1989 to MAY 24, 1989, 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 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.

D. F. Boyer
Inspector's Signature

Factory Mutual System
Commissions 4956 (N) (I)

National Board, State, Province, and Endorsements

Date 5/24 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5-22-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0107
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PCM: N/A P.S. 89-330
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address

4. Identification of System Feedwater System

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	104	N/A	Tag no. 4-1034	N/A	Replaced	No
Snubber	Pacific Scientific	10174	N/A	Tag no. 4-1034	1976	Replacement	No
Support	N/A	N/A	N/A	4-FWA-19A	N/A	Replacement	No

7. Description of Work Replaced frozen snubber at location tag no. 4-1034 and replaced transition tube at snubber location tag no. 4-1035, support 4-FWA-19A, to attain correct 'L' dimension.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and site procedures.Quality Group 'B'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROT SITE MGR. Date 5-25, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period JAN. 16, 1989 to APRIL 23, 1989, 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 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.

D.F. Roger Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
5/26 19 89 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5-23-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-2492 PCM N/A
 P.S. #88-284 DR# 876-88
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Intake Cooling Water
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Intake Cooling Water System	N/A	N/A	N/A	N/A	N/A	Replacement	N/A

7. Description of Work Flange bolting replaced in flanges disconnected to gain access for inspection and repair of concrete lining. Support # A-8886 modified to meet design drawing clearance requirements.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 8-17 psi Test Temp. Ambient Degree's F

Systems leakage test to verify integrity of bolted connections after opening and reclosing system.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and
site procedures.Quality Group C.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 5-25 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period NOV. 4, 1988 to MAY 18, 1989, 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 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.

D.F. Boyer
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and EndorsementsDate 5/26 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date May 24, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit # 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: A-400, PCM: 88-392, PS: 88-448
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Intake Cooling Water
 * ASME VIII 1983 Summer 1985 N/A
5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
* Basket Strainer	N/A	N/A	N/A	BS-4-1403	N/A	Replaced	No
Basket Strainer	Hayward Ind. Products Inc	38255-6	N/A	BS-4-1403	1987	Replacement	No
Butterfly Valve	N/A	N/A	N/A	4-50-344	N/A	Replaced	No
Butterfly Valve	Henry Pratt	7-61465-1-1	N/A	4-50-344	1986	Replacement	No
Butterfly Valve	N/A	N/A	N/A	4-50-349	N/A	Replaced	No
Butterfly Valve	Henry Pratt	7-61465-1-5	N/A	4-50-349	1986	Replacement	No

7. Description of Work Replaced Basket Strainer BS-4-1403 and Butterfly Valves 4-50-344 and 4-50-349. * See remarks on page 2.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒

Pressure 15 psi Test Temp. N/A Degree's F
 System Leakage Test performed on mechanical joints, no welded joints involved in scope of work.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group "C".

* The designated construction code used only for material, design and
 fabrication requirements.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGT. Date 5-25 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
 Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA

have inspected the components described in this Owner's Report during the period JAN 24, 1989
 to Feb. 7, 1989, 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 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.

D.B. Boyer Factory Mutual System
 Inspector's Signature Commissions 4958 (N) (I)
6/8 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date May 24, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit #4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO: A-398, PCM: 88-392, PS: 88-441
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Intake Cooling Water
5. (a) Applicable Construction Code ASME VIII 1983 Edition, Summer '85 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced or Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Basket Strainer	N/A	N/A	N/A	BS-4-1400	N/A	Replaced	No
Basket Strainer	Hayward Ind. Products Inc.	38225-2	N/A	BS-4-1400	1987	Replacement	No*
Basket Strainer	N/A	N/A	N/A	BS-4-1401	N/A	Replaced	No
Basket Strainer	Hayward Ind. Products Inc.	28225-3	N/A	BS-4-1401	1987	Replacement	No*

7. Description of Work Replaced Basket Strainers BS-4-1400 and BS-4-1401. * The designated construction code used for material, design and fabrication requirements, only.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 10 - 20 psi Test Temp. N/A Degree's F

A System Leakage Test was performed on mechanical joints, no welded joints were involved in scope of work.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group "C".

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H. T. Young PROJ SITE MGR Date 6-12-89
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Nov. 25, 1988 to May 5, 1989, 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 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.

D. F. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
6/14 19 89 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 5/31/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 1019 NCR 88-0248

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

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Main Feedwater

5. (a) Applicable Construction Code B 31.1 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Main Feedwater Loop "B"	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work Repaired base metal gouge by grinding and weld buildup.

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

N/A

Pressure psi

Test Temp. Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Quality Group "B"

Applicable Manufacturer's Data Reports to be attached

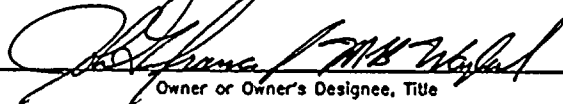
All welding performed in accordance with FP&L weld control manual and
site procedures.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed


Owner or Owner's Designee, TitleDate 8/22, 19 89

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Feb. 13, 1989
to JUNE 29, 1989, 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 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 the inspection.


Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)
National Board, State, Province, and Endorsements

Date 8/22 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6/1/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 1447, 1448, 1449
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Residual Heat Removal

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Anchor Darling	N/A	N/A	Tag # 4-876A	N/A	Replacement	No
Check Valve	Anchor Darling	N/A	N/A	Tag # 4-876B	N/A	Replacement	No
Check Valve	Anchor Darling	N/A	N/A	Tag # 4-876C	N/A	Replacement	No

7. Description of Work Replaced bonnet studs and nuts on the above valves.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 2335 psi Test Temp. 547 Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Quality Group A

Applicable Manufacturer's Data Reports to be attached

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.
repair or replacement

Type Code Symbol Stamp N/A

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

Signed *John H. [Signature]* Date 7/19, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Borwood, MA.

have inspected the components described in this Owner's Report during the period June 4, 1988 to MAY 8, 1989, 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 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 the inspection.

D. E. [Signature]
Inspector's Signature

Commissions Factory Mutual System
4956 (N) (I)
National Board, State, Province, and Endorsements

Date 7/26 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6/5/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

NCR 89-0227 PWO 9950

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

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Main Steam

5. (a) Applicable Construction Code ASME Sect I 1968 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Main Steam Header "C"	Unknown	Unknown	Unknown	N/A	1968	Repaired	Yes

7. Description of Work Repaired base metal linear indications by removal with light grinding.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F

N/A

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

FORM NIS-2 (Back)

9. Remarks Piping is Quality Group "B"

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned [Signature] Date 8/8 19 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Nov. 9, 1988 to MAY 28, 1989, 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 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 the inspection.

[Signature]
Inspector's Signature

Commissions Factory Mutual System
4956 (N) (I)
National Board, State, Province, and Endorsements

Date 8/8 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6/5/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 1456
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code B 31.1 19 55 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Valve	Copes Vulcan	N/A	N/A	Tag # CV-4-311	N/A	Replacement	No

7. Description of Work Replaced (one) 1 1/8" X 5 5/8" Bonnet to body stud on CV-4-311

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 2335 psi Test Temp. 547 Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Quality Group "A"

Applicable Manufacturer's Data Reports to be attached

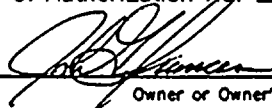
No welding performed

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.
repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed



Owner or Owner's Designee, Title

Date 8/22, 19 89

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Dec. 14, 1988 to MAY 3, 1989, 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 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 the inspection.



Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 8/22 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date June 6, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO:D1-3101&D1-3102, PCM:88-477
 MPIL:88-056M, MPIL:88-057M, NCR-C-0656-88
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
High Head S.I. To Hot Leg A							
CHECK VALVE	Rockwell Edward	N/A	N/A	4-874A	Est. 1972	Replaced	No
CHECK VALVE	Rockwell Edward	10ABS	N/A	4-874A	1988	Replacement	No
High Head S.I. To Hot Leg B							
CHECK VALVE	Rockwell Edward	N/A	N/A	4-874B	Est. 1972	Replaced	No
CHECK VALVE	Rockwell Edward	09ABS	N/A	4-874B	1988	Replacement	No

7. Description of Work Replaced Check Valves 4-874A, 4-874B and associated pipe. Existing pipe fittings were used for attachment to system.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure 2460/2335 psi Test Temp. 84/547 Degree's F ($\pm 10^\circ$)

Note: Subassembly tested at 2460 PSI prior to installation.
 Attachment welds tested at 2335 PSI.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll Welding performed in accordance with FP&L Weld Control Manual and Site Procedures.QUALITY GROUP "A".

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Jimmy PROJ SITE MGR. Date 6-7 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period JAN. 1, 1989 to MAY 23, 1989, 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 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.

D. E. Boyer
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)

National Board, State, Province, and Endorsements

Date 6/8 1989

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

Page 1 of 2

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6-7-89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 1015

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

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System REACTOR COOLANT SYSTEM

5. (a) Applicable Construction Code ASME SECTION 19.68 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	Crosby Valve & GAGE CO.	1580	N/A	Tag # RV-4-551B	N/A	Replaced	No
Relief Valve	Crosby Valve & GAGE CO.	N69877-00-0004	N/A	Tag # RV-4-551B	N/A	Replacement	No

7. Description of Work Replaced pressurizer Relief Valve and one stud on inlet flange.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 2335 psi Test Temp. 557 Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Quality Group A

Applicable Manufacturer's Data Reports to be attached

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.
repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed



Owner or Owner's Designee, Title

Date 8/20, 19 87

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Dec. 1, 1989 to MAY 3, 1989, 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 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 the inspection.



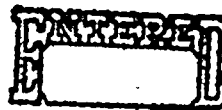
Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 8/22 19 89

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 6-13-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
Sheet 1 of 1

2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
CWO:D1-2946
PCM:88-346 P.S:89-154
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
Authorization No. N/A
Expiration Date N/A

4. Identification of System Intake Cooling Water System

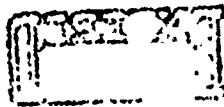
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Turbine Plant C/W "A"	N/A	N/A	N/A	N/A	N/A	Replacement	No
Turbine Plant W "B"	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Added racks to component supports H-704-02 and H-704-06, for the purpose of storing valve handwheels when not in use.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
Pressure _____ psi Test Temp. _____ Degree's F

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



FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FPL Weld control manual,
and site procedures.Quality Group "C"

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 8-15, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Feb. 1, 1989 to June 6, 1989, 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 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.

D. F. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
6/16 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 6-15-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0335
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PCM: N/A P.S. 89-273
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address Expiration Date N/A
4. Identification of System Component Cooling Water System
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CCW piping from 4P200C	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced base plate on existing pipe support 4-ACH-158.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group 'C'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 6-19-89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 23, 1989
to APRIL 18, 1989, 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 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.D. E. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 6/20 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 6-15-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0319
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PCM: 89-138 I.L. 89-055M
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CCW to ECC 4V30B	N/A	N/A	N/A	N/A	Est. 1970	Replacement	No

7. Description of Work Removed existing pipe support and replaced it with new pipe support 478-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group 'C'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned L.T. Young Pres Site Mgr. Date 6-16, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed byArkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 21, 1989
to April 24, 1989, 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 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.D.E. Roger Commissions Factory Mutual System
Inspector's Signature 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 6/20 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 6-19-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N89-0311
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM: N/A P.S. 89-279
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Boron Inject. Loop 'B' Cold Leg	N/A	N/A	N/A	N/A	Est. 1970	Replacement	No

7. Description of Work Replaced threaded rod, hex nuts and clevis hanger on Hanger WR-18-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality group 'A'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 6-21 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 28, 1989 to APRIL 6, 1989, 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 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.

D. E. Boyer
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and EndorsementsDate 6/22 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6-19-89
 Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4
PWO 2319, 2313, NCR 88-107
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Reactor Coolant System

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	N/A	N/A	N/A	Tag #455B (abandoned vlv)	N/A	Replacement	No

7. Description of Work Replaced studs and nuts on abandoned Valve 455B, pressurizer spray line.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐
 Pressure 2335 psi Test Temp. 557 Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Component is Quality Group "A"

Applicable Manufacturer's Data Reports to be attached

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.
repair or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 8/23, 19 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA. have inspected the components described in this Owner's Report during the period Feb. 18, 1989 to MAY 3, 1989, 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 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 the inspection.

[Signature]
Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 8/23 19 89

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

Page 1 of 2

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6/20/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 2556 NCR 88-0157
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump	Westinghouse	67F68604	N/A	4P210A	N/A	Repaired	No

7. Description of Work Weld repaired base metal linear indications on 4A RHR pump stuffing box extension.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Component is Quality Group "B"

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned *[Signature]*Date 7/19, 19 89

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Nov. 1, 1988 to July 5, 1989, 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 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 the inspection.

[Signature]
 Inspector's Signature

Commissions

Factory Mutual System
 156 (N) (I)

National Board, State, Province, and Endorsements

Date 7/24 19 89

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

Page 1 of 2

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 6/20/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 1418
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	N/A	N/A	N/A	Tag # 4-50-331	N/A	Replaced	No
Check Valve	Mission Valve	W6732	N/A	Tag # 4-50-331	N/A	Replacement	No

7. Description of Work Replaced valve at tag location 4-50-331

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 16.5 psi Test Temp. 84 Degree's F

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

FORM NIS-2 (Back)

9. Remarks Component is Quality Group C

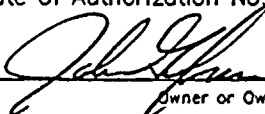
Applicable Manufacturer's Data Reports to be attached

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.
repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed



Owner or Owner's Designee, Title

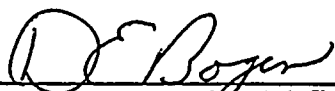
Date 7/19 19 89

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period July 21, 1989 to June 20, 1989, 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 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 the inspection.



Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 7/26 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT

Name

P.O. BOX 529100, MIAMI, FL 33152

Address

Date July.26,1989

Sheet 1 of 1

2. Plant TURKEY POINT

Name

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

Address

Unit 4

CWO:D1-2423, PCM:86-222, MPIL:88-002M

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.

Name

P.O. BOX 3218, FLORIDA CITY, FL 33034

Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Chemical and Volume Control

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
No. 1 Seal Leak-off from RCP-200A	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Installed flanged connections in piping system to facilitate maintenance on Reactor Coolant Pumps.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒

Pressure 2485 psi Test Temp. Ambient Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding was performed in accordance with FP&L Weld Control Manual and Site Procedures.Quality Group "A".

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ SITE MGR. Date 7-28, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Dec. 14, 1988 to July 26, 1989, 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 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.

D. E. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
8-1 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date July 28, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit # 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO: A-621, PCM: 87-026, * See Remarks
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code ASME VIII 19 86 Edition, A87 Addenda, 2051 Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Normal Ctmt. Cooler	Unknown	Unknown	N/A	4V1A	Approx 1969	Replaced	N/A
Normal Ctmt. Cooler	Ecodyne MRM, Inc.	40772-1	5541	4V1A	1988	Replacement	Yes
Normal Ctmt. Cooler	Unknown	Unknown	N/A	4V1B	Approx 1969	Replaced	N/A
Normal Ctmt. Cooler	Ecodyne MRM, Inc.	40772-2	5542	4V1B	1988	Replacement	Yes
Normal Ctmt. Cooler	Unknown	Unknown	N/A	4V1C	Approx 1969	Replaced	N/A
Normal Ctmt. Cooler	Ecodyne MRM, Inc.	40772-3	5543	4V1C	1988	Replacement	Yes
Normal Ctmt. Cooler	Unknown	Unknown	N/A	4V1D	Approx 1969	Replaced	N/A

7. Description of Work Replaced tube bundles in NCC Units 4V1A, 4V1B, 4V1C, and 4V1D.
- Modified existing CCW piping and Support PS-1 to facilitate installation of NCC
- (cont. on pg.3 of 3)

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ System Leakage

Pressure * psi Test Temp. N/A Degree's F

* Hydrostatic Test @ 188 PSIG for Welded Connections.

System Leakage Test @ 90-110 PSIG for Mechanical Connections.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll Welding was performed to the FPL Welding Control Manual and site procedures. QUALITY GROUP "C".* Process Sheets 89-042, 89-043, 89-044, 89-045 and 89-046.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned W.D. Brown PROJECT CONST. SUPERVISOR Date 8-2, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period JAN. 6, 1989 to June 7, 1989, 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 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.

D. E. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
8/3 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date July 28, 1989Sheet 2 of 2

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-621, PCM: 87-026

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Component Cooling Water5. (a) Applicable Construction Code ASME VIII 1986 Edition, A87 Addenda, 2051 Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Normal Ctmt. Cooler	Ecodyne MRM, Inc.	40772-B	5544	4V1D	1988	Replacement	Yes

7. Description of Work (cont. from pg. 1 of 3) 4V1D Tube Bundle.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 8/1/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 2014

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

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Chemical and Volume Control

5. (a) Applicable Construction Code B 31.1 1955 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Control Valve	Copes Vulcan	N/A	N/A	Tag # CV-4-310A	N/A	Replacement	No

7. Description of Work Replaced (one) 1 1/8" X 5 1/8" bonnet to body stud on CV-4-310A

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 2335 psi Test Temp. 547 Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Quality Group "A"

Applicable Manufacturer's Data Reports to be attached

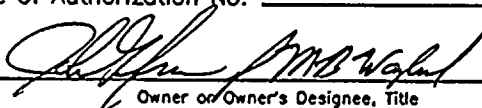
No welding performed

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.
repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed


Owner or Owner's Designee, TitleDate 8/02, 19 89

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Dec. 2, 1988 to MAY 3, 1989, 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 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 the inspection.


Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 8/22 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 8-2-89
Sheet 1 of 2

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4
CWO: D1-2417
PCM: 86-238 I.L. 88-018M
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of System Component Cooling Water

* See Remarks on page 2 of 3

5. (a) Applicable Construction Code 19 Edition, Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	N/A	N/A	N/A	RV-4-1423	N/A	Replaced	No
Relief Valve	Dresser Industries	TH-18079	N/A	RV-4-1423	Aprox. 1987	Replacement	Yes
Relief Valve	N/A	N/A	N/A	Rv-4-1425	N/A	Replaced	No
Relief Valve	Dresser Industries	TH-18081	N/A	RV-4-1425	Aprox. 1987	Replacement	Yes
Relief Valve	N/A	N/A	N/A	RV-4-1426	N/A	Replaced	No
Relief Valve	Dresser Industries	TH-18082	N/A	RV-4-1426	Aprox. 1987	Replacement	Yes

7. Description of Work Replaced threaded relief valves with flanged relief valves.

Flanges installed on existing piping to accomodate flanged inlet of replacement releif valves.

8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure See below psi Test Temp. N/A Degree's F

Hydrostatic Test @ 180-190 PSIG.

System Leakage Test @ 80 PSIG.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

All welding performed in accordance with the FPL Weld Control Manual
and Site Procedures.

Quality Group 'C'. * Relief valves manufactured and stamped in accordance to
ASME VIII, 1986 Edition. Piping installation was in accordance to ANSI B31.1,
1986 Edition, 1988 Addenda.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed WJ Brown PROJECT CONST. SUPERVISOR Date 8-4, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of "Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period JAN. 31, 1989
to JULY 10, 1989, 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 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.

D. J. Boyer Commissions Factory Mutual System
Inspector's Signature 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 8/4 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

- Owner FLORIDA POWER & LIGHT Date 8-2-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-2417
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM: 86-238 I.L. 88-018M
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code * See Remarks on page 2 of 3
Edition, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	N/A	N/A	N/A	RV-4-1427	N/A	Replaced	No
Relief Valve	Dresser Industries	TH-18083	N/A	RV-4-1427	Aprox 1987	Replacement	Yes
Relief Valve	N/A	N/A	N/A	RV-4-1428	N/A	Replaced	No
Relief Valve	Dresser Industries	TH-18084	N/A	RV-4-1428	Aprox 1987	Replacement	Yes
Relief Valve	N/A	N/A	N/A	RV-4-1429	N/A	Replaced	No
Relief Valve	Dresser Industries	TH-18085	N/A	RV-4-1429	Aprox 1987	Replacement	Yes
Piping	N/A	N/A	N/A	N/A	1989	Replacement	No

9. Remarks (contd.) Relief valves RV-4-1423 and 1425 provide overpressure protection for the ECC's. RV-4-1426, 1427, 1428 and 1429 provide overpressure protection for the

s.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 8/4/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PW0 2209, NCR 89-0288, P/S 89-582
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Isolation Valve	Unknown	N/A	N/A	Tag # 4-50-308	N/A	Replaced	No
Isolation Valve	Henry Pratt	N/A	N/A	Tag # 4-50-308	N/A	Replacement	No

7. Description of Work Replaced valve at tag location 4-50-308.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 17.5 psi Test Temp. ambient Degree's F
 * System Leakage Test

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

9. Remarks Quality Group "C"

Applicable Manufacturer's Data Reports to be attached

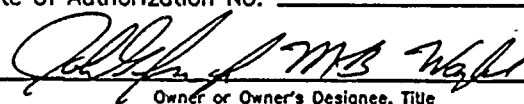
Mechanical connections, no welding performed.Note * system leakage test performed by FPL ConstructionPSTR 4-89-422-003

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.
repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed


Owner or Owner's Designee, TitleDate 8/22 19 89

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period July 18, 1989 to July 24, 1989, 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 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 the inspection.


Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 8/22 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 8/23/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 2765, NCR 89-0113, DEEP 89-0177

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

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Safety Injection

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pump	Worthington	1613239	N/A	Tag# 4P215A	Est. 1970	Repaired	No

7. Description of Work Repaired base metal crack by replacing defective section of pipe.

Replaced weld connection with a threaded connection added mechanical

connection to facilitate o'ring replacement.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 250 psi Test Temp. N/A Degree's F

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

FORM NIS-2 (Back)

Page 2 of 2

9. Remarks Quality Group "B". Welding performed in accordance with FP&L
Applicable Manufacturer's Data Reports to be attached
Control Manual and Site Procedures.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed *[Signature]* Date 8/25, 19 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA. have inspected the components described in this Owner's Report during the period MAR. 4, 1989 to JUNE 21, 1989, 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 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 the inspection.

[Signature]
Inspector's Signature

Commissions Factory Mutual System
4956 (N) (I)
National Board, State, Province, and Endorsements

Date 8/29 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 8/23/89

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PW0 2862

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

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Instrument Air

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Unknown	N/A	N/A	TAG# 4-40-340A	N/A	Replaced	No
Check Valve	Unknown	N/A	N/A	TAG# 4-40-340A	N/A	Replacement	No

7. Description of Work Replaced valve at tag location 40-40-340A and associated piping.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐

Pressure 190 psi Test Temp. N/A Degree's F

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

9. Remarks Quality Group "B"

Applicable Manufacturer's Data Reports to be attached

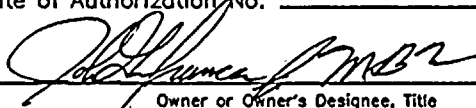
All welding performed in accordance with FPL Weld Control Manual andSite Procedures.

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.
repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed



Owner or Owner's Designee, Title

Date 8/85, 19 89

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period MAY 9, 1989 to JUNE 20, 1989, 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 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 the inspection.



Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 8/29 19 89

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

1. Owner Florida Power & Light Date 12/3/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
P.S. 87-227
CWO: D1-1967 PCM: 86-211
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Intake Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ICW Wafer Check Valve	N/A	N/A	N/A	tag no. 4-50-311	N/A	Replaced	No
ICW Wafer Check Valve	TRW	W6725	N/A	tag no. 4-50-311	N/A	Replacement	No

7. Description of Work Removal and replacement of the ICW Pump A discharge check valve and adjoining piping.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 21 psi Test Temp. N/A °F System Inservice Test

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.
Quality Group C. Applicable Manufacturer's Data Reports to be attached

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ SITE MGR. Date 12/8, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report, during the period Oct. 13, 1987 to Mar. 24, 1987, 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.

R.F. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Dec. 10, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 12/3/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 Address
P.S. 87-229
CWO: D1-1967 PCM: 86-211
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Intake Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ICW Wafer Check Valve	N/A	N/A	N/A	tag no. 4-50-331	N/A	Replaced	No
ICW Wafer Check Valve	TRW	W6730	N/A	tag no. 4-50-331	N/A	Replacement	No

7. Description of Work Removal and replacement of hte ICW Pump C discharge check valve and adjoining piping.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 18 psi Test Temp. N/A °F System Inservice Test

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.
Quality Group C.
 Applicable Manufacturer's Data Reports to be attached

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Young PROJ. SITE MGR. Date 12/8, 19 87
 Owner or Owner's Designer, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period Oct 13 1987 to Nov 24 1987, 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.

R. D. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Dec 10 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 12/3/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-C-582-87
CWO: DL-2081 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Vessel Gas Vent Piping System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RV Head Piping	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Returned weld for the R V Head Vent Line slip on flange to its required configuration.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ N/A
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control Manual and siteprocedures.Quality Group A.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ. SITE. MGR. Date 12/8, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA.

we have inspected the components described in this Owner's Report during the period May 9, 1987 to July 18, 1987, 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.

DePeyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Dec 10, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 12/14/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-C-906-87
CWO: D1-2338 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Component Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80 Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
N/A	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced section of 4" piping between Header A and B to the CCW surge tank, due to heavy corrosion.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure N/A psi Test Temp. N/A °F System Inservice Test
*See Remarks

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control Manual and siteprocedures. *Hydrostatic pressure test not performed because of technical
specification limitations.Quality Group C.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Gering PROJ SITE MGR Date 12/14, 1987Owner or Owner's Designee Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Dade County and employed by ** of
Norwood, MA.have inspected the components described
in this Owner's Report during the period Nov. 6, 1987 to Nov. 19, 1987, 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.D. E. Boyer
Inspector's SignatureCommissions Factory Mutual 4956 (N) (I)
National Board, State, Province, and EndorsementsDate Dec. 16 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 12/14/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-C-537-87
CWO: D1-2087 CPWO: 87-113
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Vessel Gas Vent System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
N/A	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced section of Reactor Head Vent piping, for proper alignment.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
* Other ☒ Pressure 2335 psi Test Temp. 547 °F
* RCS Overpressure Test

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control Manual and site
procedures.

Quality Group A.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H. T. Young PROJ SITE MGR. Date 12/15, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 30, 1987 to Nov. 10, 1987, 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.

D. C. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Dec. 21, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 1/11/88
Name
P.O. Box 529100, Miami, FL 33152
Address
 Sheet 1 of 1

2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
P.S. 86-245
CWO: D1-1853 PCM: 86-068
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Component Cooling Water System

5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
N/A	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Deleted the CCW supply and return piping segments associated with the Primary Shield Coolers.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. > 70 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Welding performed in accordance with FPL Weld Control Manual and site
procedures.
Quality Group c.

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. Applicable Manufacturer's Data Reports to be attached
 repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ SITE MGR Date 1/13, 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period July 3, 1986 to Sept. 16, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Jan 14, 1988

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 1/11/88
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name P.S. 86-170
P.O. Box 3088, Florida City, FL 33034 CWO: D1-1622 PCM: 85-196
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Diesel Generator System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
N/A	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Installed fuel bypass line around SV-4-3522.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 160 psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2.(Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR. Date 1/13, 19 88
 Owner or Owner's Designated Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 1, 1986 to Aug 13, 1986, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Jan 14, 19 88

(12/82)

**Arkwright Mutual Insurance Company

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT

Name

P.O. BOX 529100, MIAMI, FL 33152

Address

Date 1-25-88

Sheet 1 of 1

2. Plant TURKEY POINT

Name

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

Address

Unit 4

CWO: A-404 CPWO: 86-071 P.S. 86-184

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.

Name

P.O. BOX 3218, FLORIDA CITY, FL 33034

Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Component Cooling Water System

5. (a) Applicable Construction Code N/A Edition N/A Addenda N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Basket Strainer	Zurn Industries	N/A	N/A	BS-4-1402	1986	Replacement	No

7. Description of Work Replaced CCW Basket Strainer, BS-4-1402.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒

Pressure 24 psi Test Temp. N/A Degree's F

System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group C.No welding performed, mechanical joints only.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young Project SITE MGR. Date 1/26, 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by

Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period April 24, 1986 to Nov. 3, 1986, 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 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.

D. P. Boyer Factory Mutual
 Inspector's Signature 4956 (N) (I)
 Commissions National Board, State, Province, and Endorsements
 Date Feb. 1 19 88

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-25-88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name NCR-915-86 &
P.O. BOX 3088, FLORIDA CITY, FL 33034 CWO: C-418 PCM: 86-024 P.S. 86-206
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Turbine Plant Cooling Water System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Isolation Valve	N/A	N/A	N/A	tag no. 50-4-314	N/A	Replaced	No
Automatic Isol. Valve	N/A	N/A	N/A	tag no. 50-4-314	N/A	Replacement	No
Isolation Valve	N/A	N/A	N/A	tag no. 50-4-334	N/A	Replaced	No
Automatic Isol. Valve	N/A	N/A	N/A	tag no. 50-4-334	N/A	Replacement	No

7. Description of Work Replaced existing isolation valves 50-4-314 and 50-4-334 with automatic isolation valves.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒
- Pressure 24 psi Test Temp. 82 Degree's F
- System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group C.*Note All mechanical joints, no welding involved.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROS. SITE MGR. Date 1/26, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by

Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period May 21, 1986 to Sept. 8, 1986, 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 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.

D. P. Boyer
 Inspector's Signature

Factory Mutual
 Commissions 4956 (N) (I)
 National Board, State, Province, and Endorsements

Date Feb. 1 19 88

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-25-88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO: D1-1629 PCM: 85-37 P.S. 86-182
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Containment Spray System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Globe Valve	N/A	N/A	N/A	tag no. 4-896T	N/A	Replaced	No
2" 1500# Throttling	Anchor Darling	N/A	N/A	tag no. 4-896T	N/A	Replacement	No
Globe Valve							

7. Description of Work Installed valve 4-896T in a short piping spool from the existing Unit 4 recirculation line to the Suction "A" Containment Spray Pump.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
- Pressure ** psi Test Temp. > 35 Degree's F
 ** Suction Side=260 PSIG ** Discharge Side=2250 PSIG

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group B.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 1/26, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period April 22, 1986 to Sept. 8, 1986, 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 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.

R. J. Boyer Factory Mutual
 Inspector's Signature Commissions 4956 (N) (I)
1/1 19 88 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-27-88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO: D1-1812 PCM: N/A NCR-261-86
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Auxilliary Feedwater System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Horizontal Support	N/A	N/A	N/A	tag no. 4-FWH-19A	N/A	Repair	No

7. Description of Work Repaired weld discontinuities on support 4-FWH-19A.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group B.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Jimmy PROJ. SITE MGR. Date 1/27, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 27, 1986 to Aug. 1, 1986, 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 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.

D. C. Boyer
Inspector's SignatureFactory Mutual
Commissions 4956 (N) (I)
National Board, State, Province, and EndorsementsDate Feb. 1 19 88

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-29-88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Authorization No. N/A
 Expiration Date N/A

4. Identification of System Intake Cooling Water System

CWO: D1-1646 PCM: 85-151 P.S. 86-042, NCR-69-86
 Repair Organization P.O. No., Job No., etc.

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CCW Basket Strainer	Zurn Industries	N/A	N/A	BS-4-1403	N/A	Replaced	No
CCW Basket Strainer	Zurn Industries	N/A	N/A	BS-4-1403	N/A	Replacement	No

7. Description of Work Repaired the ICW piping and replaced the CCW Basket Strainer.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ **XX**
 Pressure 22 psi Test Temp. N/A Degree's F

System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.
Applicable Manufacturer's Data Reports to be attached
Welding performed in accordance with FPL Weld Control Manual and site procedures.
Quality Group C.

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: repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE MGR. Date 1/29, 1988
 Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Jan. 7, 1986 to Nov. 7, 1986, 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 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.

D. Boyer Factory Mutual System
 Inspectors Signature Commissions 4956 (N) (I)
 Date Feb 1 19 88 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-29-88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
 Sheet 1 of 1
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
CWO: D1-1812 PCM: N/A NCR-787-86
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Auxilliary Feedwater System

5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Horizontal Support	N/A	N/A	N/A	tag no 4-FWH-19B	N/A	Replacement	No

7. Description of Work Modified existing support.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR. Date 1/29, 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by

Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Mar. 26, 1986 to Aug. 4, 1986, 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 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.

D.E. Boyer
 Inspector's Signature

Factory Mutual System
 Commissions 4956 (N) (I)
 National Board, State, Province, and Endorsements

Date Feb. 1 1988

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2/2/88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO: D1-2234 PCM: N/A NCR-C-818-87
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Auxiliary Feedwater Steam Supply System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
N/A	N/A	N/A	N/A	N/A	1988	Replacement	No

7. Description of Work Replaced a section of 2" piping that was part of a steam trap to the condenser.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure 1350 psi Test Temp. N/A Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group C.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJECT SITE MGR. Date 2/3, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period July 12, 1987 to July 20, 1987, 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 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.

D. J. Bogen Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
Feb 11 19 88 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2/29/88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 3
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

4. Identification of System Charging System

5. (a) Applicable Construction Code B31.1, 1987 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Component Support	N/A	N/A	N/A	PS-592	N/A	Replaced	No
Component Support	N/A	N/A	N/A	PS-592	1987	Replacement	No

7. Description of Work Removed incorrectly installed support. Replacement support installed at the correct location. Two MSAs installed with original design.

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

Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.FPL tag numbers for the MSAs are 3-1136 and 3-1137.Quality Group A.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ. SITE MGR. Date 3/1, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of State of Florida and employed byArkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period June 24, 1987 to Feb. 15, 1988, 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 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.

D. P. Rogers
Inspector's SignatureCommissions Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 3-1 19 88

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 3/1/88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO: D1-2180 PCM: N/A NCR-C-795-87
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Residual Heat Removal System
5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	Velan	N/A	N/A	tag no. 4-885	N/A	Repair	No

7. Description of Work Seal weld performed to bonnet to gasket of valve.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒
 Pressure 2235 psi Test Temp. 547 Degree's F
 System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ. SITE MGR. Date 3/3, 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period _____ to _____, 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 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.

Factory Mutual System

Commissions 4956 (N) (I)

Inspector's Signature _____

National Board, State, Province, and Endorsements

Date _____ 19 _____

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 3/9/88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Residual Heat Removal System
5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Mini-Recirculation Piping	N/A	N/A	N/A	N/A	1987	Replacement	No
Pump A Pipe Hanger	N/A	N/A	N/A	PS-1	1987	Replacement	No
Pump B Pipe Hanger	N/A	N/A	N/A	PS-1	1987	Replacement	No

7. Description of Work Modified the RHR Pump Recirculation Lines. Fabricated and installed pipe support.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure 770 psi Test Temp. N/A Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group B.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 3-11, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed byArkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Mar. 6, 1987 to Mar. 9, 1988, 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 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.

D. P. Boyer
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and EndorsementsDate Mar 14 19 88

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 3/21/88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
- Authorization No. N/A
 Expiration Date N/A
4. Identification of System Steam Generator Blowdown System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Pipe Support</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>H-422-05</u>	<u>N/A</u>	<u>Repair</u>	<u>No</u>

7. Description of Work Returned support to its original design configuration.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR. Date 3/21, 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Mar. 12, 1988 to Mar. 14, 1988, 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 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.

D. P. Boyer
 Inspector's Signature

Commissions Factory Mutual System
4956 (N) (I)
 National Board, State, Province, and Endorsements

Date 3-23 1988

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

Page 1 of 2

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 4/19/88

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 2644/64
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Component Cooling Water

5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CCW Heat Exchanger "A"	N/A	N/A	N/A	N/A	N/A	Repaired	Yes

7. Description of Work Repaired corroded area on North channel head door, by welding.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
Pressure 58 psi Test Temp. 78 Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Quality Control personnel. Welding
Applicable Manufacturer's Data Reports to be attached
performed in accordance with FPL Weld Control Manual and site
procedures. Quality Group C.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 7/19, 19 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, F :a and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Feb. 18, 1988 to MAR. 23, 1988, 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 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 the inspection.

[Signature] Commissions Factory Mutual System
Inspector's Signature 4956 (N) (I)
National Board, State, Province, and Endorsements
 Date 8/3 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5/16/88
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 3
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
CWO: D1-2047 PCM: N/A NCR-C-509-87
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Residual Heat Removal System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Spring Hanger	N/A	N/A	N/A	SR-251	N/A	Repair	No

7. Description of Work Secured base plate by replacing wej-it anchor bolts with Hilti anchor bolts.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F

N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROT SITE MGR. Date 5-24, 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period April 27, 1987 to MAY 3, 1987, 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 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.

D.F. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
5/25 1988 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 8/12/88Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4CWO: D1-2380 PCM: N/A NCR-233-86

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Intake Cooling Water System5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" Check Valve	Strataflo	N/A	N/A	Tag No. 4-410	N/A	Replacement	No

7. Description of Work Replacement of valve 4-410.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒Pressure 10 psi Test Temp. N/A Degree's F

System Inservice Test

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group CReplacement of 2" threaded valve. No welding involved.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PEOS Site Mgr. Date 8/12, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 25, 1988 to Aug. 2, 1988, 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 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.

Debra E. Rogers Commissions Factory Mutual System
Inspector's Signature 4956 (N) (I)
National Board, State, Province, and Endorsements

Date 8-12 19 88

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date September 6, 1988
Name
P.O. Box 529100, Miami, Fl. 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, Fl. 33034 PWO 0462
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3088, Florida City, Fl. 33034 Expiration Date N/A
Address
4. Identification of System Main Steam System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Schutte & Koerting	N/A	N/A	Tag no. 10-004	N/A	Repaired	No

7. Description of Work Weld repair of steam cuts on gasket seating surfaces.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 N/A Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Quality Control personnel. Welding
Applicable Manufacturer's Data Reports to be attached
performed in accordance with FPL Weld Control Manual and site procedures.
Component is Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 10-26-77, 1977
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.
have inspected the components described in this Owner's Report during the period Sept. 12, 1987
to JAN. 22, 1988, 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 ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
implied, concerning the examinations and corrective measures described in this Owners Report. Furthermore,
neither the Inspector nor his employer shall be liable in any manner for any personal injury or property
damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements
Date 10/31 1988

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date September 9, 1988
Name
P.O. Box 529100, Miami, Fl. 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, Fl. 33034 PWO 2241, NCR-88-0092
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3088, Florida City, Fl. 33034 Expiration Date N/A
Address
4. Identification of System Chemical Volume and Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4A Charging Pump drain line	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work Weld repair of crack in upstream socket weld on valve 4-287B.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Quality Control personnel. Welding
Applicable Manufacturer's Data Reports to be attached
performed in accordance with FPL Weld Control Manual. Component is Quality
Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature]
Owner or Owner's Designee, Title

Date 10-26-88, 19__

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period _____
to _____, 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 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 Factory Mutual System
4956 (N) (I)
National Board, State, Province, and Endorsements
Date _____ 19 _____

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date September 27, 1988
Name
P.O. Box 529100, Miami, Fl. 33152
Address
2. Plant Turkey Point Sheet 1 of 1
Name
P.O. Box 3088, Florida City, Fl. 33034
Address
3. Work Performed by Florida Power & Light Unit 4
Name
P.O. Box 3088, Florida City, Fl. 33034
Address
4. Identification of System Main Steam System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Trap Drain Valve	N/A	N/A	N/A	N/A	N/A	Repaired	N/A

7. Description of Work Weld repaired steam cut in valve bonnet of steam trap drain valve ST-4-1412.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 N/A Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Quality Control personnel. WeldingApplicable Manufacturer's Data Reports to be attachedperformed in accordance with FPL Weld Control Manual. Component is QualityGroup B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned [Signature]Date 10-26-88, 1988

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period to , 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 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.

Factory Mutual System

Commissions 4956 (N) (I)

National Board, State, Province, and Endorsements

Inspector's Signature

Date 19

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date September 28, 1988
Name
P.O. Box 529100, Miami, Fl. 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, Fl. 33024
Address PWO 2689, NCR-88-0033
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3088, Florida City, Fl. 33034 Expiration Date N/A
Address
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4A Charging Pump discharge drain line	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work Weld repair of crack in sockolet weld directly upstream of drain valve 4-287B.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Site Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FPL Weld Control Manual.Quality Group B

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned [Signature]Date 10-26-87, 1987

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period _____ to _____, 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 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.

Factory Mutual System

Commissions 4956 (N) (I)

Inspector's Signature

National Board, State, Province, and Endorsements

Date _____ 19 _____

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Florida Power & Light Date September 28, 1988
Name
P.O. Box 529100, Miami, Fl. 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, Fl. 33034
Address
PWO 2631
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Florida Power & Light Type Code Symbol Stamp N/A
Name
P.O. Box 3088, Florida City, Fl. 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
"A" RTD Orifice Flange	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced studs and nuts on "A" RTD Orifice Flange

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
Pressure 2336 psi Test Temp. 549° Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction and Site Quality ControlApplicable Manufacturer's Data Reports to be attachedpersonnel. Component is Quality Group A.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned [Signature] Date 10-26-22 19
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Feb. 13, 1988 to May 27, 1988, 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 ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements
Date 11/28 1988

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date October.13,1988
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO:A-374, PCM:86-208, P.S.88-059
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System SPENT FUEL PIT COOLING SYSTEM
5. (a) Applicable Construction Code B31.1. 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Suction Line SFP Pumps	N/A	N/A	N/A	N/A	1972	Replacement	No

7. Description of Work Installation of Annubar Flow Element and associated piping in the common suction line of the Spent Fuel Pit Cooling Pumps.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ System Leakage
Normal Operating/
 Pressure * psi Test Temp. Ambient Degree's F
 * Hydrostatic test @ 189 psi for Threadolet Weld.
 * System Leakage test @ 12 psi for Mechanical Connections.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FP&L Weld Control Manual and Site Procedures.Quality Group C.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PLANT SITE MGR. Date 10-13, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period June 1, 1988 to Oct 1, 1988, 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 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.

D. P. Boyer
Inspector's SignatureCommissions 4958 (N) (I) Factory Mutual System

National Board, State, Province, and Endorsements

Date 10/14 1988

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Page 1 of 2

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date 10/21/88

Sheet 1 of 1

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit 4

PWO 2349, NCR 87-0249
Repair Organization P.O. No., Job No. etc.

3. Work Performed by FLORIDA POWER & LIGHT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Component Cooling Water

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

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CCW Return from "C" RCP Oil Cooler	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work Weld repair of cracked weld between FIC-4-635 and flange.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Pressure 98 psi Test Temp. 70 Degree's F

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

9. Remarks Component is Quality Group C.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

N/A

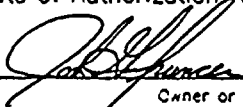
Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed



Date

8/8, 19 89

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Nov. 25, 1987 to JAN 21, 1988, 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 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 the inspection.



Inspector's Signature

Commissions

Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date

8/8

19

89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date December 8, 1988
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit #4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
CWO:D1-2768, PCM:88-211, P.S.88-165.
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM.
5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	4-CCH-51	N/A	Replacement	No
Pipe Support	N/A	N/A	N/A	4-CCH-52	N/A	Replacement	No
Pipe Support	N/A	N/A	N/A	4-CCH-67	N/A	Replacement	No

7. Description of Work Modified existing pipe supports 4-CCH-51, 4-CCH-52 and 4-CCH-67.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FP&L Weld Control Manual and SiteProcedures.Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed

H.T. Young PLANT SITE MGR.

Date

12-12, 1988

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by

Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Sept. 29, 1988 to Nov. 26, 1988, 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 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.

D. F. Royer

Inspector's Signature

Commissions

Factory Mutual System

4956 (N) (I)

National Board, State, Province, and Endorsements

Date

12/20 1988

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
NameP.O. BOX 529100, MIAMI, FL 33152
AddressDate December 12, 1988Sheet 1 of 12. Plant TURKEY POINT
NameP.O. BOX 3088, FLORIDA CITY, FL 33034
AddressUnit #4CWO:D1-2768, PCM:88-209, P.S.88-163.

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
NameP.O. BOX 3218, FLORIDA CITY, FL 33034
AddressType Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM.5. (a) Applicable Construction Code B31.1. 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	SR-613	N/A	Replacement	No

7. Description of Work Modified existing pipe support SR-613.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐

Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with FP&L Weld Control Manual and Site Procedures.Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR. Date 12-12 1988
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Fla. County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Sept. 29, 1988 to Nov. 28, 1988, 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 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.

D. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
 Date 12/20 1988 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date December. 27, 1988
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit #4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO:D1-2768, PCM:88-210, P.S. 88-164.
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System CHEMICAL AND VOLUME CONTROL SYSTEM.
5. (a) Applicable Construction Code B31.1. 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	4-ACH-137	N/A	Replacement	No

7. Description of Work Modified existing pipe support 4-ACH-137.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedNo welding was required for modification work performed.QUALITY GROUP "C".

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 12/29, 1988
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Aug. 24, 1988 to Dec. 28, 1988, 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 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.

D.F. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
 National Board, State, Province, and Endorsements
 Date 1/10 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-9-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 PCM: 88-404 P.S. 88-258
 CWO: D1-2984 P.S. 88-259
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Component Cooling Water

5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping	N/A	N/A	N/A	CCW	1988	Replacement	No
Support	N/A	N/A	N/A	SR-681	1988	Replacement	No
Support	N/A	N/A	N/A	See remarks	1988	Replacement	No
Valve	N/A	N/A	N/A	See remarks	1988	Replacement	No
Valve	N/A	N/A	N/A	See remarks	1988	Replacement	No
Check Valve	N/A	N/A	N/A	See remarks	1988	Replacement	No

7. Description of Work Added piping, valves and support to existing CCW piping. Modified existing support.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure 187.5 psi Test Temp. N/A Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual and site procedures.Quality Group CThis support is integrally attached (welded) to existing 16" pipe (cont'd on pg 3)

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. repair or replacementType Code Symbol Stamp N/A.Certificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 1/13 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Oct. 20, 1988 to Nov. 8, 1988, 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 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.

Debra E. Berger Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
1/19 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 1-9-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name PCM: 88-404 P.S. 88-258
P.O. BOX 3088, FLORIDA CITY, FL 33034 CWO: D1-2984 P.S. 88-259
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

7. Remarks (cont'd from pg. 2) and is not uniquely identified. The valves are
not uniquely identified.

2011-11-11

2011-11-11



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 01-19-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-2983; PCM: 88-442; P.S. 88-436;
P.O. BOX 3088, FLORIDA CITY, FL 33034 NCR-C-0587-88
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping	N/A	N/A	N/A	CCW	1988	Replacement	No
Globe Valve	Dresser	N/A	N/A	Tag No. 1173	1988	Replacement	No
Gate Valve	Henry Vogt	N/A	N/A	Tag No. 3-1184	1988	Replacement	No
Check Valve	Rockwell Edward	N/A	N/A	Tag No. 1183	1988	Replacement	No
Support	N/A	N/A	N/A	(1) See Remarks	1988	Replacement	No
Support	N/A	N/A	N/A	SR-143	1988	Replacement	No

7. Description of Work Added piping, valves & supports to existing CCW piping.

Modified existing support.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒

Pressure 187.5 psi Test Temp. N/A Degree's F

Systems Leakage Test performed to verify integrity of Mechanical Joints Test Pressure based on 52" Static Hd. Press in Surge Tk.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed to FP&L Welding Control Manual and Site Procedures. QualityGroup "C" (1) Integrally attached (welded) support to existing 16" piping.DWG. No. PTN-M-88-442-003-F

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROT SITE MGR. Date 1/20, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period Nov. 21, 1988 to Dec. 14, 1988, 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 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.

Debra E. Boyer
Inspector's SignatureCommissions Factory Mutual System
4956 (N) (I)
National Board, State, Province, and EndorsementsDate 1/24 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
NameP.O. BOX 529100, MIAMI, FL 33152
AddressDate 1-19-89Sheet 1 of 12. Plant TURKEY POINT
NameP.O. BOX 3088, FLORIDA CITY, FL 33034
AddressUnit 4

CWO: D1-3069

P.S. 88-489

PCM: N/A

NCR-C-0594-88

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
NameP.O. BOX 3218, FLORIDA CITY, FL 33034
AddressType Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Stream Generator Feedwater System5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	21381	N/A	4-1022	1981	Replacement	No

7. Description of Work Replaced rear bracket.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐

Pressure _____ psi

Test Temp. _____ Degree's F

N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group B

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PRAT SITE MGR. Date 1/20, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Dec. 8, 1988
to JAN. 18, 1989, 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 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.Debra E. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 1/24 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date February 3, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit #4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO:D1-3087, PCM:88-568, MPIL:88-058M
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address Authorization No. N/A
Expiration Date N/A

4. Identification of System Component Cooling Water

5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3" Piping	N/A	N/A	N/A	N/A	1989	Replacement	No

7. Description of Work Modification of the CCW Piping for the "4B" RCP Motor Upper Lube Oil Cooler.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ *
Pressure 165 psi Test Temp. N/A Degree's F

*A System Leakage Test was performed to verify the integrity of the mechanical joints.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attached

All welding was performed in accordance with the FP&L Welding Control
Manual and Site Procedures.
Quality Group "C".

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR. Date 2/3 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
 Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Dec, 30, 1988
 to Jan. 23, 1989, 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 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.

D. E. Boyer Commissions Factory Mutual System
 Inspector's Signature 4956 (N) (I)
National Board, State, Province, and Endorsements
 Date 2/7 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date February 4, 1989

Sheet 1 of 6

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-435, PCM: 86-195, ** See Remarks

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

5. (a) Applicable Construction Code B31.1, 1983 Edition, Summer '83 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Injection Nozzle	Taprogge	N/A	N/A	Tag No. 4S225A	N/A	Replacement	No
Injection Nozzle	Taprogge	N/A	N/A	Tag No. 4S225B	N/A	Replacement	No
Injection Nozzle	Taprogge	N/A	N/A	Tag No. 4S225C	N/A	Replacement	No
Recirc. Pump	Taprogge	N/A	N/A	Tag No. 4P238A	N/A	Replacement	No
Recirc. Pump	Taprogge	N/A	N/A	Tag No. 4P238B	N/A	Replacement	No
Recirc. Pump	Taprogge	N/A	N/A	Tag No. 4P238C	N/A	Replacement	No
Strainer Assembly	Taprogge	N/A	N/A	Tag No. 4F228A	N/A	Replacement	No

7. Description of Work Addition of the Continuous Tube Cleaning capability in the ICW

System to the CCW Heat Exchangers (A,B and C), including the addition of the CTC

(cont. on pg. 2)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒

Pressure ** psi Test Temp. N/A Degree's F

** Test performed at normal operating pressure.

System Leakage Test.

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding was performed in accordance with the FP&L Welding Control Manual
and Site Procedures. Quality Group C.**P.S.88-070, P.S.88-073, P.S.88-074, P.S.88-075.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PRO SITE MGR. Date 2/15, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period May 1, 1988 to Sept. 24, 1988 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 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.

D. F. Boyer
Inspector's SignatureCommissions Factory Mutual System
4958 (N) (I)

National Board, State, Province, and Endorsements

Date 3/8 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date February 4, 1989

Sheet 2 of 6

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-435, PCM: 86-195, **See Remarks
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

5. (a) Applicable Construction Code B31.1 1983 Edition, Summer 1983 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Strainer Assembly	Taprogge	N/A	N/A	Tag No. 4F228B	N/A	Replacement	No
Strainer Assembly	Taprogge	N/A	N/A	Tag No. 4F228C	N/A	Replacement	No
Ball Collector	Taprogge	N/A	N/A	Tag No. 4S223A	N/A	Replacement	No
Ball Collector	Taprogge	N/A	N/A	Tag No. 4S223B	N/A	Replacement	No
Ball Collector	Taprogge	N/A	N/A	Tag No. 4S223C	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-739A	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-739B	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-739C	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-740A	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-740B	N/A	Replacement	No

7. Description of Work (Cont. Pg. 1) Strainer Assemblies, CTC Injection Nozzles, CTC Recirc Pumps, CTC Ball Collectors and associated spools, valves and pipe.



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date February 4, 1989Sheet 3 of 6

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-435, PCM: 86-195, **See Remarks

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Intake Cooling Water

5. (a) Applicable Construction Code B31.1 1983 Edition, Summer 1983 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-740C	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-741A	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-741B	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-741C	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-742A	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-742B	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-742C	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-743A	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-743B	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-743C	N/A	Replacement	No

7. Description of Work N/A

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date February 4, 1989

Sheet 4 of 6

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-435, PCM: 86-195, **See Remarks

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

5. (a) Applicable Construction Code 831.1 1983 Edition, Summer 1983 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-744	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-745	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-746	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-747	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-748	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-749	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-750	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-751	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-752	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-753	N/A	Replacement	No

7. Description of Work N/A

Page 6 of 7

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date February 4, 1989

Sheet 5 of 6

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-435, PCM: 86-195, ** See Remarks
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

5. (a) Applicable Construction Code B31.1 1983 Edition, Summer 1983 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-754	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-755	N/A	Replacement	No
Ball Valve	Posi-Seal	N/A	N/A	Tag No. 50-4-780	N/A	Replacement	No
3" Pipe Spools	Energy Steel	N/A	N/A	N/A	1988	Replacement	No
20" Pipe Spools	Energy Steel	N/A	N/A	N/A	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-01	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-02	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-03	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-04	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-05	1988	Replacement	No

7. Description of Work N/A

Page 7 of 7

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

Date February 4, 1989

Sheet 6 of 6

2. Plant TURKEY POINT
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address

Unit #4

CWO: A-435, PCM: 86-195, ** See Remarks

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date N/A

4. Identification of System Intake Cooling Water

5. (a) Applicable Construction Code B31.1 1983 Edition, Summer 1983 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	Tag No. H-755-06	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-07	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-08	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-09	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-10	1988	Replacement	No
Pipe Support	N/A	N/A	N/A	Tag No. H-755-11	1988	Replacement	No

7. Description of Work N/A



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date February 6, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit #4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3135, P.S. 89-085, NCR: N-89-0105
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
18" Piping	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work Performed a base metal repair, by welding, on piping adjacent to
Pipe Support 4-ACH-13.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding was performed in accordance with the FP&L Welding Control Manual and Site Procedures. Quality Group "C".

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 2/8 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period MAY 31, 1988 to FEB. 2, 1989, 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 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.

Debra E. Boyer
Inspector's SignatureCommissions Factory Mutual System
4956 (N) (I)
National Board, State, Province, and EndorsementsDate 2/10 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT
NameP.O. BOX 529100, MIAMI, FL 33152
AddressDate February 10, 1989Sheet 1 of 12. Plant TURKEY POINT
NameP.O. BOX 3088, FLORIDA CITY, FL 33034
AddressUnit #4CWO: A-563, PCM: 88-245, NCR-C-0633-88

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.
NameP.O. BOX 3218, FLORIDA CITY, FL 33034
AddressType Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Instrument Air System5. (a) Applicable Construction Code ASME VIII 19 83 Edition, July 83 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Air Tank	Joseph Oats Corporation	2493-1A	2670	4T252	1988	Repaired	Yes

7. Description of Work Repair of arc strike on tank shell by mechanical means (buffing).Minimum wall thickness was acceptable after repair.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A

Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group "B".

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR Date 2/16, 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period JAN 3, 1989 to JAN 19, 1989, 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 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.

Debra E. Boyer Commissions Factory Mutual System
 Inspector's Signature 4956 (N) (I)
 Date Feb 12 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT

Name

P.O. BOX 529100, MIAMI, FL 33152

Address

Date 2-13-89Sheet 1 of 12. Plant TURKEY POINT

Name

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

Address

Unit 4

CWO: D1-3088

N-89-0027

N-89-0030

PCM: N/A

N-89-0028

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.

Name

P.O. BOX 3218, FLORIDA CITY, FL 33034

Address

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Feedwater System5. (a) Applicable Construction Code B31.1, 1987 Edition, N/A Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
S/G "A" Main FW	N/A	N/A	N/A	N/A	N/A	Repair	No
S/G "B" Main FW	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Repaired base metal linear indications by removal with light grinding.8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'B'The indications were evaluated to be not service related.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 2/17, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Jan. 6, 1989 to Jan. 16, 1989, 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 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.

D. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
2/28 19 89 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2-13-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3088
 PCM: N/A N-89-0062
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Chemical Volume Control System

5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping	N/A	N/A	N/A	CVCS	N/A	Repair	No

7. Description of Work Repaired a base metal linear indication by removing with light grinding.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'A'The indication was evaluated to be a manufacturing imperfection.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 2/17, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period Jan. 10, 1989 to Jan. 13, 1989, 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 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.

D. E. Boyer
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and EndorsementsDate 2/28 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2-13-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3088
 PCM: N/A N-89-0033
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Steam Generator Blowdown System
5. (a) Applicable Construction Code ASME III 19 77 Edition, S'78 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
"B" S/G Blow-down Line	Pullman Power	N/A	N/A	N/A	1982	Repair	Yes

7. Description of Work Repaired a base metal linear indication by removal with light grinding.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F

N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'B'The indication was evaluated to be not service related.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE Mgr. Date 2/17, 1989
 Owner of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Jan. 6, 1989 to Jan. 16, 1989, 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 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.

H.T. Young
 Inspector's Signature

Factory Mutual System
 Commissions 4956 (N) (I)
 National Board, State, Province, and Endorsements

Date 2/28 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2-13-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3088
 PCM: N/A N-89-0083
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1, 1987 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	4-SR-400	N/A	Repair	No

7. Description of Work Removed cracked welds. on support saddle to pipe. Performed
surface examination on pipe wall in the weld removal areas. Rewelded saddle to pipe.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual and site procedures.Quality Group 'B'

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ SITE MGR. Date 2/11, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Jan. 12, 1989 to Feb. 7, 1989, 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 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.

D. E. Boyer Commissions 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements
Date 3/6 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2-24-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name CWO: DI-3088 P.S. 89-029
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM: N/A N-89-0040
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address

4. Identification of System Main Steam System

5. (a) Applicable Construction Code ASME III 19 65 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Generator 'B'	Westing-house	16A6341-2	774	4E210B	1969	Repair	Yes

7. Description of Work Repair base metal linear indication in the main steam nozzle
with light grinding.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'B'The indications were manufacturing imperfections and not service induced.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young Date 3 - 10 - 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Jan. 6, 1989 to Jan. 23, 1989, 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 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.

D. S. Boyer
Inspector's SignatureCommissions Factory Mutual System
4956 (N) (I)

National Board, State, Province, and Endorsements

Date 3/13 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date February 17, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit #4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-2908, NCR-C-0578-88
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code ASME III 1965 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Reactor Pres. Vessel	Babcock & Wilcox	610-0116	N-161	PSRV-1	1970	Replacement	Yes

7. Description of Work Replaced closure stud #50 that was damaged while detensioning for removal of the Reactor Pressure Vessel Closure Head.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL/MCI ISI Examiner's. (Ebasco).Applicable Manufacturer's Data Reports to be attachedQuality Group "A".

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR. Date 2/17 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Nov. 30, 1988 to JAN. 27, 1989, 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 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.

D. F. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
National Board, State, Province, and Endorsements
 Date 2/28 1989

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

1. Owner Florida Power & Light Date 3-31-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Sheet 1 of 1
Name
P.O. Box 3088, Florida City, FL 33034 Unit 4
Address
NCR-947-86
CWO: D1-1865 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Containment Isolation System (Ventilation)
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>CIS-4-2 Support 1</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Install new 1/2" stiffner plates on base plate of CIS-4-2 Support 1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-947-86. Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control manual and site
procedures. Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE. MGR. Date 4-4, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period June 16, 1986 to July 24, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Aug. 13, 19 87

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 3-31-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-1246-86
CWO: D1-1852 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hanger SR-607	N/A	N/A	N/A	N/A	N/A	Replacement	No
Hanger 4-VCH-42	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Installation of pipe clamps for supports SR-607 and 4-VCH-42.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-1246-86. Welding performed in accordance with FPL
Weld Control manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE MGR. Date 4-4, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period Nov. 20, 1986 to Jan. 9, 1987, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date May 15, 19 87

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-9-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 Address
NCR-079-86
CWO: D1-1595 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Steam Generator Blowdown System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Hanger H-420-08</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Modify support H-420-08 by adding 3/4" wing plate.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-079-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young Pres. Site MGR. Date 4/24, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period Jan 17, 1986 to April 22, 1986, 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.

D.E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date June 11, 19 87

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-20-87
Name
P.O. Box 529100, Miami, FL 33152
Address
Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-1085-86
CWO: D1-1901 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
recirculation piping	N/A	N/A	N/A	N/A	N/A	Repair	No

Drilled 3/8" drain hole in low-point run of line. Removed welds by

7. Description of Work grinding. Weld repair of FW's 1-8. Stainless plug inserted in pipe wall and welded in place with a 3/16" fillet weld.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure ** psi Test Temp. 88 °F Static Head
**280 psi and static

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-1085-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE MGR. Date 4-24, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period August 7, 1986 to August 18, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date May 18, 19 87

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-20-87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-988-86
Address CWO: D1-1872 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Nuclear Instrumentation System (Incore Flux Mapping System)
5. (a) Applicable Construction Code ASME III 19 65 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
H6 Incore Detector	Westinghouse	N/A	N/A	N/A	N/A	Repair	No
Conduit							

7. Description of Work Weld repair of defect in H6 Incore Detector Conduit.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 2335 psi Test Temp. 547 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-988-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group A.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Young Props. SITE MGR. Date MAY 10, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period July 3, 1986 to Aug 12, 1986, 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.

D.E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date May 18, 19 1987

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-20-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-967-86
CWO: D1-1857 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Residual Heat Removal System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Mechanical Shock Arrestor</u>	<u>Pacific-Scientific</u>	<u>122</u>	<u>N/A</u>	<u>4-1016</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Replaced the self drilled expansion anchor to snubber mounted to the Unit 4 RHR Pump "A".
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with NCR-967-86.Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 4/24, 1987
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period June 6, 1986 to June 21, 1986, 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.

R.E. Boger Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date May 15 1987

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-20-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-1030-86
Address CWO: D1-1897 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Residual Heat Removal System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Mechanical Shock Arrestor</u>	<u>Pacific-Scientific</u>	<u>122</u>	<u>N/A</u>	<u>4-1016</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Replaced existing transition tube assembly with a new Pacific-Scientific assembly designed for the existing MSA.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-1030-86. Welding in accordance with FPL Weld Control
Manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROT SITE MGR Date 4/24, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period July 24, 1986 to July 26, 1986, 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.

D. L. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date May 16, 19 87

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-27-87
Name
P.O. Box 529100, Miami, FL 33152
Address
 Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-294-86
CWO: D1-1674 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Mechanical Snubber</u>	<u>Pacific Scientific</u>	<u>4251</u>	<u>N/A</u>	<u>4-1048</u>	<u>1979</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Removed and reinstalled rear bracket to shim plates to provide clearance from electrical conduit.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-294-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE. MGR. Date 4/29, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period April 9, 1986 to April 30, 1986, 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.

D.E. Boger Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date May 16, 19 87

(12/82)

** Arkwright-Boston Mfg's Mutual Insurance Company

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

1. Owner Florida Power & Light Date 4-29-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-831-86
CWO: D1-1674 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MSA 4-PRH-10	Pacific-Scientific	11438	N/A	4-1044	N/A	Replaced	No
MSA 4-PRH-10	Pacific-Scientific	3919	N/A	4-1044	N/A	Replacement	No
MSA 4-PRH-5	Pacific-Scientific	2465	N/A	4-1055	N/A	Replaced	No
MSA 4-PRH-5	Pacific-Scientific	11110	N/A	4-1055	N/A	Replacement	No

7. Description of Work Replaced MSA's that failed limited VT-4 operability test.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-831-86.

Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed J.T. Young PRIS. SITE MGR. Date 4/30, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 19, 1986 to April 19, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date May 18, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 5-7-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-C-318-87P
CWO: D1-2087 PCM: 87-113
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Pressure Vessel
5. (a) Applicable Construction Code Section III 19 65 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Reactor Pressure Vessel Lug	Babcock & Wilcox	610-0116	N-161	FW-1	1970	Repair	No

7. Description of Work Cut and replaced Reactor Head Shroud Support lug (MK-24).

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-C-318-87P. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group A.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ SITE MGR. Date 5-9, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 3, 1987 to May 5, 1987, 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.

D.E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date May 15, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date: 5/30/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 Address
NCR-659-86
CWO: D1-1808 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Intake Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Vlv 4-212 to 4" Pipe	N/A	N/A	N/A	N/A	N/A	Replacement	No
Bsk Str. to 4" 90° Elbow	N/A	N/A	N/A	N/A	N/A	Replacement	No
Bsk Str. to 8" 90° Elb (E)	N/A	N/A	N/A	N/A	N/A	Replacement	No
Bsk Str. to 8" 90° Elb (W)	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced heavily corroded studs and nuts for the flanges to the above items.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-659-86.

Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed L.T. Young PROJ. SITE MGR. Date 5/6, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period Mar. 22, 1986 to May 12, 1987, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date June 11, 19 87

(12/82)

****Arkwright Mutual Insurance Company**

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-953-86
Address CWO: N/A PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Penetration 24 C	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Removed angle welded to the pipe at Unit 4 penetration 24 C.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-953-86.
Applicable Manufacturer's Data Reports to be attached

Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H. T. Young PROJ. SITE. MGR. Date 6/16, 19 87
 Owner or Owner's Designee Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period June 17, 1986 to July 27, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector Signature National Board, State, Province, and Endorsements

Date July 23, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name NCR-953-86
P.O. Box 3088, Florida City, FL 33034 CWO: N/A PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name N/A
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Demineralized Water Supply
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Penetration 47	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Removed angle welded to the pipe at Unit 4 penetration 47.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with NCR-953-86.Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ. SITE MGR. Date 6/16, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA.

have inspected the components described in this Owner's Report during the period June 17, 1986 to July 27, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date July 23, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-953-86
CWO: N/A PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Instrument Air System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Penetration 63	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Removed angle welded to the pipe at Unit 4 penetration 63.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-953-86.
Applicable Manufacturer's Data Reports to be attached

Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Jimmy PROJ. SITE MGR. Date 6/16, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period July 17, 1986 to July 27, 1986, 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.

D.E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date July 23, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-2122 P.S. 87-155 PCM: 87-169
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4-ACH-100	N/A	N/A	N/A	N/A	N/A	Replacement	No
4-ACH-103	N/A	N/A	N/A	N/A	N/A	Replacement	No
4-ACH-104	N/A	N/A	N/A	N/A	N/A	Replacement	No
795A-7	N/A	N/A	N/A	N/A	N/A	Replacement	No
796A-2	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work
- Fabricated and installed new pipe supports for 2" and 3" pipe.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with CWO: D1-2122, P.S. 87-155 and PCM: 87-169. Welding
performed in accordance with FPL Weld Control Manual and site procedures.
Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed Donald W. Colema APSM Date 8-18-87, 19____
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period May 22, 1987 to Aug. 11, 1987, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Aug. 19 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152
Address
 Sheet 2 of 3
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-2122 P.S. 87-155 PCM: 87-169
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
796A-4	N/A	N/A	N/A	N/A	N/A	Replacement	No
796A-6	N/A	N/A	N/A	N/A	N/A	Replacement	No
796A-9	N/A	N/A	N/A	N/A	N/A	Replacement	No
796A-10	N/A	N/A	N/A	N/A	N/A	Replacement	No
796A-11	N/A	N/A	N/A	N/A	N/A	Replacement	No
797A-2	N/A	N/A	N/A	N/A	N/A	Replacement	No
797A-5	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Continued from Sht 1 of 3

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152
Address
 Sheet 3 of 3
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address CWO: D1-2122 P.S. 87-155 PCM: 87-169
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
797A-6	N/A	N/A	N/A	N/A	N/A	Replacement	No
797A-7	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Continued from Sht 1 of 3

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

1. Owner Florida Power & Light Date 6/16/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-2153 P.S. 87-165 PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4-SIH-42	N/A	N/A	N/A	N/A	N/A	Replacement	No
4-PRWH-11	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced pipe supports 4-SIH-42 and 4-PRWH-11.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with P.S. 87-165 and CWO D1-2153. Welding performed in

accordance with FPL Weld Control Manual and site procedures.

Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE. MGR. Date 6/18, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period June 10, 1987 to June 13, 1987, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date July 23, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 6/17/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-2081 P.S. 87-160 CPWO: 87-199
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Reactor Vessel Gas Vent System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hanger # 2	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Modified support H-2 by adding reinforcing members to the existing pipe support which will reduce the resultant stresses.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with CWO: D1-2081 P.S. 87-160 and CPWO: 87-199. Welding

performed in accordance with FPL Weld Control Manual and site procedures.

Quality Group A.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H. T. Jowery Proj Site MGR. Date 6/17, 1987
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA.

I have inspected the components described in this Owner's Report during the period June 2, 1987 to June 10, 1987, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date July 23 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 6/18/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name NCR-C-724-87S
P.O. Box 3088, Florida City, FL 33034 CWO: C-361 PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Component Cooling Water
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hanger 5	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Modified and replaced hanger 5.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-C-724-875. Welding performed in accordance with
FPL Weld Control Manual and site procedures.
Quality Group C.

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, repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H. T. Young Pres. Site Mgr. Date 6/23 1987
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period June 9, 1987 to June 18, 1987, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date July 28 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-5-87
Name
P.O. Box 529100, Miami, FL 33152
Address
 Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-197-86
CWO: D1-1804 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support SR-934	Bergen Patterson	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced corroded spring support and anchor bolts to SR-934.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
 Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-197-86.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed [Signature] APSM Date 8/5, 19 87
 Owner or Owner's Designated Title PK H. J. Young

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period Feb. 18, 1986 to Aug. 7, 1986, 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 Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Aug. 13, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-5-87
Name
P.O. Box 529100, Miami, FL 33152
Address
Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-433-86
CWO: D1-1638 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Auxiliary Feedwater Supply System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Support C</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>
<u>H-2</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replaced</u>	<u>No</u>
<u>Anchor A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Piping inadequately supported. Fabricated and installed new support and anchor.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with NCR-433-86. Welding performed in accordance with FPLWeld Control Manual and site procedures.Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned D. Coleman APSM Date 8/5, 19 87Owner or Owner's Designee, Title
FOR H.T. Young

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA.

Mar. 21, 1986 have inspected the components described in this Owner's Report during the period to Aug. 4, 1986, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Aug. 10, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-5-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 Address
NCR-C-429-87
CWO: D1-1900 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Pressurizer Spray System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Support 4-RCH-11</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Modified support by replacing the base plate and anchor bolts.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-C-429-87. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group A.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ SITE MGR Date 8/20, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 21, 1987 to August 13, 1987, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date August 27, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-7-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-946-86
CWO: D1-1866 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Main Steam System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>H-24</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replaced</u>	<u>No</u>
<u>SD</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replace-ment</u>	<u>No</u>
<u>SE</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replace-ment</u>	<u>No</u>
<u>SF</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replace-ment</u>	<u>No</u>

7. Description of Work Removed existing support H-24 and installed new supports SD, SE and SF.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with NCR-946-86. Welding performed in accordance with FPL

Weld Control Manual and site procedures.

Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE MGR. Date 8/2 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period June 16, 1986 to July 31, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Aug 13 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-7-87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address NCR-829-86
CWO: D1-1822 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4B Accumulator Relief Valve Piping	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Removed damaged piping between valve 4-881G and tee by grinding and buffing. Replaced piping and hanger to its original configuration.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 650 psi Test Temp. 120 °F Systems Leakage Test
*See Remarks

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-829-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.

Quality Group B. *Code Case N-416 invoked. Hydrostatic Pressure Test will
be performed during 10 year systems hydrostatic pressure test.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE. MGR. Date 8/7, 1987
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period April 14, 1986 to Sept. 3, 1986, 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.

D. F. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Aug. 14, 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-14-87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-C-515-87
Address CWO: D1-2081 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Main Steam System/ 4C Steam Generator
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4-MSH-22A	N/A	N/A	N/A	N/A	N/A	Replacement	No
4C Generator	N/A	N/A	N/A	N/A	N/A	Repair	No
Main Steam Line							

7. Description of Work Replaced spring can support and supporting structural steel.
Replaced welded stanchion on Main Steam Line.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ N/A
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-C-515-87. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

CERTIFICATE OF COMPLIANCE		**Repair / Replacement
We certify that the statements made in the report are correct and this <u>**</u> conforms to the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp	<u>N/A</u>	
Certificate of Authorization No.	<u>N/A</u>	Expiration Date <u>N/A</u>
Signed <u>H.T. Young</u>	<u>PROJ SITE MGR.</u>	Date <u>8/17</u> , 19 <u>87</u>
Owner or Owner's Designee, Title		

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Dade County</u> and employed by <u>**</u> of <u>Norwood, MA.</u> have inspected the components described in this Owner's Report during the period <u>April 28</u> to <u>Aug 24, 1987</u> , 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.	
<u>D.E. Boyer</u> Inspector's Signature	Commissions <u>Factory Mutual 4956 (N) (I)</u> National Board, State, Province, and Endorsements
Date <u>Aug 19</u> , 19 <u>87</u>	

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8-14-87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-C-702-87
Address CWO: D1-2122 PCM: 87-169
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Component Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
795A-7	N/A	N/A	N/A	N/A	N/A	Replaced	No
795A-7	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Removed and installed modified support 795A-7.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-C-702-87. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Young PROJ SITE MGR Date 8/17, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period June 3, 1987 to August 12, 1987, 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.

D.T. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date August 27, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/25/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 Address
NCR-819-86
CWO: D1-1826 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Containment Spray System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4-SIH-6	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Removed and reinstalled new strut.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-819-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Young PROS. SITE MGR. Date 8/25, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 4, 1986 to June 11, 1986, 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.

D.E. Boger Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date August 27 19 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/25/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-819-86
Address CWO: D1-1826 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
4-SIH-50	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Removed and reinstalled new strut.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-819-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE MGR. Date 8/25, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 4, 1986 to June 11, 1986, 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.

D. P. Rogers Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date August 27 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/25/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-819-86
Address CWO: D1-1826 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Steam Generator Blowdown System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>H-423-11</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Replacement</u>	<u>No</u>

7. Description of Work Removed and reinstalled new strut.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-819-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Spring PROJ. SITE MGR. Date 8/25, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period April 4, 1986 to June 11, 1986, 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.

D. P. Rogers Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date August 27 19 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/25/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address NCR-151-86
CWO: D1-1714 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System Containment Purge System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 4-2601	Henry Pratt Co.	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Weld repair of gouge to seating edge of valve disc.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-151-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROJ. SITE. MGR. Date 8/25, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period 7-1-10, 1986 to 7-26-15, 1986, 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.

D.F. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date August 27, 19 87

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-364-86
Address CWO: D1-1675 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
<u>Support WR-18-B</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Repair</u>	<u>No</u>

7. Description of Work Repaired weld discrepancies identified by ISI walkdown.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-364-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B. -

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>Repair</u> conforms to the rules of the ASME Code, Section XI. <div style="text-align: right;">repair or replacement</div>	
Type Code Symbol Stamp	<u>N/A</u>
Certificate of Authorization No.	<u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>H.T. Young</u>	<u>PROJ. SITE MGR.</u> Date <u>8/28</u> , 19 <u>87</u>
<small>Owner or Owner's Designee, Title</small>	

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 <u>Dade County</u> and employed by <u>**</u> of <u>Norwood, MA.</u> have inspected the components described in this Owner's Report during the period <u>Mar. 17, 1986</u> to <u>Sept. 3, 1986</u> , 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.	
<u>DE Boyer</u> Inspector's Signature	Commissions <u>Factory Mutual 4956 (N) (I)</u> National Board, State, Province, and Endorsements
Date <u>Sept. 9</u> , 19 <u>87</u>	

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name NCR-257-86
P.O. Box 3088, Florida City, FL 33034 CWO: D1-1675 PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name N/A
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Coolant Loop RTD's	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced corroded bolting for 2"-RC-1407-FB, orifice flange.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A *See Remarks

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-257-86.
Quality Group A, *Mechanical joint not broken, studs replaced one at a time.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Young PROS SITE MGR. Date 8/27 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period Feb. 27, 1986 to May 5, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Sept. 3 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name NCR-175-86
P.O. Box 3088, Florida City, FL 33034 CWO: D1-1675 PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support H-809-05	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Modified existing support.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-175-86. Welding performed in accordance with FPL .

Weld Control Manual and site procedures.

Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H. T. Young PROS. SITE MGR. Date 8/28, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period July 14, 1986 to July 23, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 3, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address NCR-217-86
CWO: D1-1675 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address Authorization No. N/A
Expiration Date N/A
4. Identification of System Safety Injection System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support H-810-02	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Modified existing support.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-217-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group A.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Jimmy PROJ. SITE MGR. Date 8/27, 19 87
 Owner or Owner's Designee Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period Feb. 24, 1986 to July 8, 1986, 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.

DE Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Sept. 3, 19 1987

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 Address
NCR-251-86
CWO: DL-1675 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Coolant Loop RTD's	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Replaced corroded bolts for 3"-RC-1401-FE491, weld neck flange.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A * See Remarks

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-251-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group A. * Mechanical joint not broken, studs replaced one at a time.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROS. SITE MGR. Date 8/28, 1987
 Owner or Owner's Designer, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period Feb. 26, 1986 to May 3, 1986, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 3, 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-255-86
Address CWO: D1-1675 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Component Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Vertical Struc 478-1	N/A	N/A	N/A	N/A	N/A	Replace- ment	No
4-CCH-26	N/A	N/A	N/A	N/A	N/A	Replace- ment	No
Double Acting Restraint							

7. Description of Work Modified existing supports.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-255-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group C.

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, repair or replacement

Type Code Symbol Stamp N/A

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

Signed H.T. Young PROS. SITE MGR. Date 8/27, 1987
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
in this Owner's Report during the period Feb. 27, 1986 to Aug. 5, 1986, 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.

D. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 3, 1987

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

1. Owner Florida Power & Light Date 8/27/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-1078-86
CWO: C-388 PCM: 86-009
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Auxiliary Feedwater System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Check Valve	Anchor-Darling	E-6368-1-16	N/A	10-4-381	1979	Replacement	Yes
Check Valve	Anchor-Darling	E-6368-1-10	N/A	10-4-383	1979	Replacement	Yes

7. Description of Work Removed valves 10-4-381 and 10-4-383, installed replacement valves.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 1400 psi Test Temp. 86 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-1078-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Young PROJ SITE MGR. Date 8/27, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period Aug. 4, 1986 to Sept. 9, 1986, 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.

D.F. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Sept. 3, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 9/3/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 2
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-C-820-87S
Address CWO: C-361 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Restraint	N/A	N/A	N/A	H-38	N/A	Replaced	No
Pipe Restraint	N/A	N/A	N/A	H-38	1987	Replacement	No
Pipe Support	N/A	N/A	N/A	H-41	N/A	Replaced	No
Pipe Support	N/A	N/A	N/A	H-41	1987	Replacement	No
Pipe Restraint	N/A	N/A	N/A	H-44	N/A	Replaced	No

7. Description of Work Existing supports removed, replaced with new supports.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with NCR-C-820-87S. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H. T. Young PCOS SITE MGR Date SEPT 4, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period July 20, 1987 to Aug 6, 1987, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 9 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 9/3/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 2 of 2
2. Plant Turkey Point Unit 4
Name NCR-C-820-87S
P.O. Box 3088, Florida City, FL 33034 CWO: C-361 PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Chemical and Volume Control System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Restraint	N/A	N/A	N/A	H-44	1987	Replacement	No
Pipe Restraint	N/A	N/A	N/A	H-46	N/A	Replaced	No
Pipe Restraint	N/A	N/A	N/A	H-46	1987	Replacement	No
Pipe Restraint	N/A	N/A	N/A	H-49	N/A	Replaced	No
Pipe Restraint	N/A	N/A	N/A	H-49	1987	Replacement	No

7. Description of Work Continued from Sht 1 of 2

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

1. Owner Florida Power & Light Date 9/3/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: A-401 PCM: 86-022 P.S. 86-205
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Intake Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Butterfly Valve	Henry Pratt Co.	N/A	N/A	4-50-307	N/A	Replacement	No
Butterfly Valve	Henry Pratt Co.	N/A	N/A	4-50-308	N/A	Replacement	No
Butterfly Valve	Henry Pratt Co.	N/A	N/A	4-50-309	N/A	Replacement	No
Butterfly Valve	Henry Pratt Co.	N/A	N/A	4-50-310	N/A	Replacement	No

7. Description of Work Replaced existing ICW valves that could degrade ICW flow due to leakage.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 22.5 psi Test Temp. 82 °F System Leakage Test

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with CWO A-401, PCM 86-022 and P.S. 86-205.Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. YoungPROJ SITE MGR.Date 9/7, 1987

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period May 27, 1986 to August 9, 1986, 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.

O. E. Boyer

Inspector's Signature

Commissions Factory Mutual 4956 (N) (I)

National Board, State, Province, and Endorsements

Date Sept. 9, 1987

(12/82)

****Arkwright Mutual Insurance Company**

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

1. Owner Florida Power & Light Date 9/3/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-1731 PCM: 85-006 P.S. 86-154
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	4-RCH-33	N/A	Replacement	No
Pipe Support	N/A	N/A	N/A	4-RCH-34	N/A	Replacement	No
Pipe Support	N/A	N/A	N/A	4-RCH-35	N/A	Replacement	No

7. Description of Work Modified existing supports.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with CWO D1-1731, PCM 85-006 and P.S. 86-154. Welding per-
formed in accordance with FPL Weld Control Manual and site procedures.
Quality Group A.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed L. T. Gentry PROJ SITE MGR. Date 9/4, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 14, 1986 to Aug. 22, 1986, 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.

D. E. Berger Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements
 Date Sept. 9, 19 87

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

1. Owner Florida Power & Light Date 9/8/87
Name
P.O. Box 529100, Miami, FL 33152
Address
Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: A-401 PCM: 86-022 P.S. 86-202
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Intake Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Single acting pipe support	N/A	N/A	N/A	H-705-01	N/A	Replacement	No
Single acting pipe support	N/A	N/A	N/A	H-705-02	N/A	Replacement	No
Single acting pipe support	N/A	N/A	N/A	H-705-03	N/A	Replacement	No
Single acting pipe support	N/A	N/A	N/A	H-705-04	N/A	Replacement	No

7. Description of Work Modified existing supports.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with CWO A-401, PCM 86-022 and P.S. 86-202. Welding performed
in accordance with FPL Weld Control Manual and site procedures.
Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/A

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

Signed H. T. Young PROS. SITE MGR. Date SEPT. 10, 1987
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period May 27, 1986 to August 4, 1986, 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.

DE Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 14, 1987

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

1. Owner Florida Power & Light Date 9/9/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 1
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-1340 PCM: 83-08 P.S. 86-168
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Component Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CCW Supply to HHSI Pumps, Seal Water HX	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work CCW piping between valves 4-708E, 4-708F and 4-793 and CCW suction and discharge headers modified.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
 Other ☐ Pressure 165 psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with CWO D1-1340, PCM 83-08 and P.S. 86-168. Welding performed
in accordance with FPL Weld Control Manual and site procedures.
Quality Group C

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed H.T. Young PROJ. SITE MGR. Date SEPT. 10, 1987
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
 or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
 in this Owner's Report during the period April 14, 1986 to June 5, 1986, 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.

D.F. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Sept. 14 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 9/10/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034
Address
NCR-351-86
CWO: D1-1810 PCM: N/A
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034
Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer Relief Line	N/A	N/A	N/A	N/A	N/A	Repair	No

7. Description of Work Welded and machined Pressurizer Safety Valve inlet nozzle flange face for RV-551A, RV-551B and RV-551C.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
* Other ☒ Pressure 2335 psi Test Temp. 547 °F
*RCS Overpressure Test

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
Applicable Manufacturer's Data Reports to be attached
in accordance with NCR-351-86. Welding performed in accordance with FPL
Weld Control Manual and site procedures.
Quality Group A.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H.T. Young PRAS. SITE MGR. Date 9-11, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period Mar. 13, 1986 to April 14, 1986, 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.

DE Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept. 23 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 9/23/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: D1-1622/PCM: 85-055/P.S. 86-180
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Fuel Oil System (EDG)
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" Check Valve	Dresser Industries	H820ABC	N/A	Tag no. 249	1982	Replacement	No
2" Globe Valve	Dresser Industries	H657ABG	N/A	Tag no. 250	1982	Replacement	No

7. Description of Work This modification provided the addition of an alternate fuel oil supply path.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure 20 psi Test Temp. 50 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young Pres Sire Mgr. Date 9/24, 1987
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA.

I have inspected the components described in this Owner's Report during the period May 7, 1986 to June 27, 1986, 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.

D.E. Boyer Commissions Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 25, 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 10/9/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 2
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 ****See Remarks page 2 of 3**
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Auxiliary Feedwater Turbine, Steam Supply System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3" Stop Check Valve	Pacific Valve Inc.	N/A	N/A	tag no 4-10-119	N/A	Replaced	No
3" Globe Valve	Pacific Valve Inc.	N/A	N/A	tag no 4-10-119	N/A	Replacement	No
3" Stop Check Valve	Pacific Valve Inc.	N/A	N/A	tag no 4-10-219	N/A	Replaced	No
3" Globe Valve	Pacific Valve Inc.	N/A	N/A	tag no 4-10-219	N/A	Replacement	No
3" Stop Check Valve	Pacific Valve Inc.	N/A	N/A	tag no 4-10-319	N/A	Replaced	No

7. Description of Work Converted stop check valves into globe valves by replacing internal parts. (cont. sht 2 of 2)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 990 psi Test Temp. 550 °F System Leakage Test

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel
in accordance with CWO: C-388, PCM: 86-009, P.S. 86-187, NCR-875-86,
NCR-878-86 and NCR-970-86. Welding performed in accordance with FPL Weld
Control Manual and site procedures.
 Quality Group B.

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. repair or replacement

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed [Signature] CONST. Supt. Date 10-12, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 30, 1986 to Aug. 19, 1986, 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 Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements
 Date Oct. 16, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 10/9/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 2 of 2
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 * See Remarks page 2 of 3
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218, Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Auxiliary Feedwater Turbine, Steam Supply System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3" Globe Valve	Pacific Valve Inc.	N/A	N/A	tag no 4-10-319	N/A	Replacement	No

7. Description of Work Continued from sheet 1 of 2 . During the course of installation on valve 4-10-119, weld buildup performed on valve body in accordance with NCR-875-86.

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

1. Owner Florida Power & Light Date 10/9/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 2
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-891-86 and
Address CWO: C-388 PCM: 86-009 P.S. 86-181
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Auxiliary Feedwater Turbine, Steam Supply System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Horizontal Strut Assy	N/A	N/A	N/A	H-334-17	N/A	Replacement	No
Horizontal Strut Assy	N/A	N/A	N/A	H-334-19	N/A	Replacement	No
Horizontal Strut Assy	N/A	N/A	N/A	H-334-20	N/A	Replacement	No
Stop Check Valve	N/A	N/A	N/A	tag no 4-120	N/A	Replaced	No
Stop Check Valve	N/A	N/A	N/A	tag no 4-220	N/A	Replaced	No

7. Description of Work Replaced 3" stop check valves with 4" tilting disc check valves.
Replaced 3" piping with 4" piping where required to accomodate (cont. pg.2 of 3)
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 1356 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 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

in accordance with CWO: C-388, PCM: 86-009, P.S. 86-181 and NCR-891-86.Welding performed in accordance with FPL Weld Control Manual and site procedures.Quality Group C.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed D. Coleman - CONST. Supt. Date 10-12, 19 87
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA. have inspected the components described in this Owner's Report during the period April 16, 1986 to July 30, 1987, 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.

D. E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Oct. 19, 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 10/9/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 2 of 2
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 NCR-891-86 and
Address CWO: C-388 PCM: 86-009 P.S. 86-181
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218, Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Auxiliary Feedwater Turbine, Steam Supply System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Stop Check Valve	N/A	N/A	N/A	tag no 4-320	N/A	Replaced	No
Tilting Disc Check Valve	Anchor Darling	N/A	N/A	tag no 4-381	N/A	Replacement	No
Tilting Disc Check Valve	Anchor Darling	N/A	N/A	tag no 4-382	N/A	Replacement	No
Tilting Disc Check Valve	Anchor Darling	N/A	N/A	tag no 4-383	N/A	Replacement	No
Steam Supply Piping	N/A	N/A	N/A	N/A	1987	Replacement	No

7. Description of Work Continued from sheet 1 of 2 . installation of replacement valves. Reworked and reinstalled pipe supports to adapt to new piping configuration.

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

1. Owner Florida Power & Light Date 10/9/87
Name
P.O. Box 529100, Miami, FL 33152
Address Sheet 1 of 2
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: C-388 PCM: 86-009 P.S. 86-181
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Auxiliary Feedwater Turbine, Steam Supply System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Tilting Disc Check Valve	Anchor Darling	N/A	N/A	tag no 10-4-375	N/A	Replacement	No
Tilting Disc Check Valve	Anchor Darling	N/A	N/A	tag no 10-4-376	N/A	Replacement	No
Tilting Disc Check Valve	Anchor Darling	N/A	N/A	tag no 10-4-377	N/A	Replacement	No
Gate Valve	N/A	N/A	N/A	tag no 4-1403	N/A	Replaced	No
Globe Valve	N/A	N/A	N/A	tag no 4-1403	N/A	Replacement	No

7. Description of Work Replaced 3" solid wedge gate valves for valve tag numbers 4-1403, 4-1404 and 4-1405; with 4" globe valves. Replaced 3" piping (cont Pg. 3 of 3)
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 1356 psi Test Temp. 80 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.

Applicable Manufacturer's Data Reports to be attached

Welding performed in accordance with FPL Weld Control Manual and site
procedures.Quality Group B.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned [Signature] CONST. Supt. Date 10-12, 19 87
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
or Province of Dade County and employed by ** of
Norwood, MA. have inspected the components described
in this Owner's Report during the period April 16, 1986 to July 30, 1987, 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 Factory Mutual 4956 (N) (I)
Inspector's Signature National Board, State, Province, and EndorsementsDate Oct. 19 19 87

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 10/9/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 2 of 2
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 CWO: C-388 PCM: 86-009 P.S. 86-181
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218, Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Auxiliary Feedwater Turbine, Steam Supply System
5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Gate Valve	N/A	N/A	N/A	tag no 4-1404	N/A	Replaced	No
Globe Valve	N/A	N/A	N/A	tag no 4-1404	N/A	Replacement	No
Gate Valve	N/A	N/A	N/A	tag no 4-1405	N/A	Replaced	No
Globe Valve	N/A	N/A	N/A	tag no 4-1405	N/A	Replacement	No
Steam Supply Piping	N/A	N/A	N/A	N/A	1987	Replacement	No

7. Description of Work Continued from sheet 1 of 2 . with 4" piping where required to accomodate installation of replacement valves. New valve tag numbers 10-4-375, 376 and 377 were added immediately upstream of valves 4-1403, 4-1404 and 4-1405 in the AFW steam supply line.

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

1. Owner Florida Power & Light Date 11/11/87
Name
P.O. Box 529100, Miami, FL 33152
Address
2. Plant Turkey Point Unit 4
Name NCR-C-552-87
P.O. Box 3088, Florida City, FL 33034 CWO: D1-2081 PCM: N/A
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. Box 3218 Florida City, FL 33034 Expiration Date N/A
Address
4. Identification of System Reactor Vessel Gas Vent System
5. (a) Applicable Construction Code ASME III 19 83 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Reactor Pressure Vessel	B&W	610-0116	N-161	N/A	1970	Repair	Yes

7. Description of Work Added weld metal to existing undersized weld on the Reactor Head Gas Vent piping.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F N/A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel

Applicable Manufacturer's Data Reports to be attached

Welding in accordance with FPL Weld Control Manual and site procedures..Quality Group A.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ. SITE MGR. Date 11-12, 1987
 Owner or Owner's Designer, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County and employed by ** of Norwood, MA.

have inspected the components described in this Owner's Report during the period May 2, 1987 to Nov 9, 1987, 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.

D.E. Boyer Commissions Factory Mutual 4956 (N) (I)
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov. 13 1987

(12/82)

**Arkwright Mutual Insurance Company

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

1. Owner Florida Power & Light Date 12/3/87
Name
P.O. Box 529100, Miami, FL 33152 Sheet 1 of 1
Address
2. Plant Turkey Point Unit 4
Name
P.O. Box 3088, Florida City, FL 33034 P.S. 87-228
Address CWO: D1-1967 PCM: 86-211
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Bechtel Construction, Inc. Type Code Symbol Stamp N/A
Name
P.O. Box 3218 Florida City, FL 33034 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Intake Cooling Water System
5. (a) Applicable Construction Code B31.1 19 67 Edition, N/A Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ICW Wafer Check Valve	N/A	N/A	N/A	tag no. 4-50-321	N/A	Replaced	No
ICW Wafer Check Valve	TRW	W6729	N/A	tag no. 4-50-321	N/A	Replacement	No

7. Description of Work Removal and replacement of the ICW Pump B discharge check valve and adjoining piping.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure 17 psi Test Temp. N/A °F System Inservice Test

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.
Quality Group C.
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the ASME Code, Section XI. <div style="text-align: right;">repair or replacement</div>	
Type Code Symbol Stamp	<u>N/A</u>
Certificate of Authorization No.	<u>N/A</u> Expiration Date <u>N/A</u>
Signed <u>H.T. Young</u>	Date <u>12/8</u> , 19 <u>87</u>
Owner or Owner's Designee, Title <u>PROJ. SITE MGR.</u>	

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 <u>Dade County</u> and employed by <u>**</u> of <u>Norwood, MA.</u> have inspected the components described in this Owner's Report during the period <u>Oct. 13, 1987</u> to <u>Nov 24, 1987</u> , 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	
<u>D.E. Boyer</u> Inspector's Signature	Commissions <u>Factory Mutual 4956 (N) (I)</u> National Board, State, Province, and Endorsements
Date <u>Dec. 10</u>	19 <u>87</u>

(12/82)

**Arkwright Mutual Insurance Company

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2-24-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0145
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PCM: 89-097 P.S. 89-115
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address Expiration Date N/A
4. Identification of System Reactor Coolant System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	8067-H-717A-01	1989	Replacement	No

7. Description of Work Installed modified support in order to return system to original design condition.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual and
site proceduresQuality Group 'A'

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. , repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 2/24, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed byArkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Jan. 21, 1989 to Feb. 14, 1989, 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 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.

DE Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
Date 3/6 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 2-28-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3088 N-89-0130
 PCM: 89-053 P.S. 89-114
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Residual Heat Removal System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	SR-445	N/A	Replacement	No

7. Description of Work Modified support SR-445 to provide proper pipe clearances and replace improperly installed welds.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group 'B'

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. at repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ SITE MGR. Date 3/1 . 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Jan. 19, 1989
to Feb. 7, 1989, 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 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.D. F. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
3/6 19 89 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 3-3-89
Name
P.O. BOX 529100, MIAMI, FL 33152 Sheet 1 of 1
Address

2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0147
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM: N/A N-89-0173
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address

4. Identification of System Chemical Volume and Control Charging System

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe	N/A	N/A	N/A	CVCS	N/A	Repaired	No
Support	N/A	N/A	N/A	WR-36	N/A	Repaired	No
Support	N/A	N/A	N/A	4-VCH-17	N/A	Replacement	No

7. Description of Work Removed cracked and undercut welds on support SR-36. Prior to
rewelding support to pipe, repaired undercut on pipe wall by grinding. Replaced miss-
ing eye rod, turnbuckle and locknut on support 4-VCH-17.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group 'A'

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair/Replacement conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. J. [Signature] PROJ SITE MGR. Date 3-10, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Jan. 21, 1989 to Mar. 2, 1989, 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 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.

D. S. [Signature] Commissions Factory Mutual System
Inspector's Signature 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 3/13 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date March 23, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit # 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address CWO:D1-2994, PCM:88-535, NCR# N-89-0320
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code ASME III 19 65 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer	Westinghouse	16A5883-1	720	4-T200	1969	Repaired	Yes

7. Description of Work Arc strikes, caused by a dropped welding lead, were removed by mechanical means (grinding). No welding was performed.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group "A".

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed W.D. Brown PROJECT CONSTRUCTION SUPERVISOR Date 3/24, 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Feb. 22, 1989 to Feb. 25, 1989, 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 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.

D.E. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
4/3 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT

Name

P.O. BOX 529100, MIAMI, FL 33152

Address

Date 3-27-89Sheet 1 of 12. Plant TURKEY POINT

Name

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

Address

Unit 4CWO: D1-3088

N-89-0037

PCM: N/AP.S. 89-165

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

3. Work Performed by BECHTEL CONSTRUCTION, INC.

Name

P.O. BOX 3218, FLORIDA CITY, FL 33034

Address

Type Code Symbol Stamp N/AAuthorization No. N/AExpiration Date N/A4. Identification of System Auxiliary Feedwater5. (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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	4-CSTH-14	N/A	Replacement	No

7. Description of Work Replaced bent 3/4" diameter eye rod.

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

Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'C'No identifiable cause of failure was observed.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed A. T. Young PROJ SITE MAN. Date 3-27, 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Jan 6, 1989 to Mar 8, 1989, 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 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.

D. J. Rogers Commissions Factory Mutual System
 Inspector's Signature 4956 (N) (I)
3/29 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-7-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: DI-3088 N-89-0036
 PCM: 88-562 I.L. 89-048M
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	4-RCH-34A	N/A	Replacement	No
Snubber	Pacific Scientific	19724	N/A	Tag # 4-1065	N/A	Replaced	No
Snubber	Pacific Scientific	20873	N/A	Tag # 4-1065	N/A	Replacement	No

7. Description of Work, Replaced snubber (Tag # 4-1065) and modified support to meet 'L' dimension requirements.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual
and site procedures.Quality Group 'A'Support is located on the Pressurizer Spray Line.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR Date 4-20, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period Jan. 6, 1989
to Mar. 30, 1989, 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 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.D. P. Berger
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and EnforcementsDate 4/21 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-7-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0039
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM: 89-140 P.S. 89-301
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Main Feedwater By-Pass line, 'B' Steam Generator
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	4-FWH-34	N/A	Replacement	No

7. Description of Work Replaced spring can and pipe clamp bolts.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'B'.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young Pres Site Mgr. Date 4-20, 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Jan. 6, 1989 to Mar. 27, 1989, 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 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.

D.F. Roger Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
 National Board, State, Province, and Endorsements
 Date 4/21 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-10-89
Name
P.O. BOX 529100, MIAMI, FL 33152 Sheet 1 of 1
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034 CWO: A-558
Address PCM: 88-263 I.L. 89-026M
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Auxillary Cooling
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping	N/A	N/A	N/A	N/A	1989	Replacement	No
Support	N/A	N/A	N/A	H-01	1989	Replacement	No

7. Description of Work Replaced piping and added new support in the Spent Fuel Pool
Loop Refueling Water Purification Pump Discharge Line.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure 194 psi Test Temp. N/A Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and site procedures.Quality Group 'C'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Young PROJ SITE MGR. Date 4-19, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 4, 1989 to Mar. 31, 1989, 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 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.

D.F. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
4/20 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-10-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3088 N-89-0240
 PCM: N/A P.S. 89-180
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A

4. Identification of System Component Cooling Water5. (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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	4-CCH-30	N/A	Replacement	No
Support	N/A	N/A	N/A	4-CCH-31	N/A	Replacement	No

7. Description of Work Replaced pipe straps.

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

Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'C'.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young Pres. SITE MGR. Date 4-13, 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period Feb. 8, 1989 to MAR. 20, 1989, 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 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.

D.E. Boyer
 Inspector's Signature

Factory Mutual System
 Commissions 4956 (N) (I)
 National Board, State, Province, and Endorsements

Date 4/14 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code, Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-10-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-2159 NCR-C-0736-87
 PCM: 88-424
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Steam Generator Blow Down 'C'
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	H-422-01	N/A	Replacement	No

7. Description of Work Replaced the transition tube on Support H-422-01 (snubber 4-1079) in order to obtain acceptable 'L' dimension.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and site procedures.Quality Group 'B'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Jimmy PROJ SITE MGR. Date 4-24, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period June 14, 1987 to Feb. 10, 1989, 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 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.

D. E. Boyer Commissions 4956 (N) (I)
Inspector's Signature National Board, State, Province, and Endorsements
Date 4/24 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-10-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-2159 NCR-C-0736-87
 PCM: 88-424 I.L. 89-015M
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Reactor Coolant System
5. (a) Applicable Construction Code 831.1, 19 55 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	PS-128	N/A	Replacement	No

7. Description of Work Added a shim to support PS-128 in order to obtain acceptable
'L' dimension for mechanical shock arrestor (snubber tag # 4-1029) on the RTD system.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding was performed in accordance with the FP&L Weld ControlManual and site procedures.Quality Group 'A'.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Gentry PROT. SITE MGR Date 4-24, 1987
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.

have inspected the components described in this Owner's Report during the period June 14, 1987 to Feb. 10, 1989, 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 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.

DE Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
4/24 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-12-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3088 N-89-0029
 PCM: N/A N-89-0032
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Main Steam System
5. (a) Applicable Construction Code ASME SEC. I 1968 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
* Main Steam Loop 'C'	Unknown	Unknown	Unknown	N/A	1968	Repaired	Yes
Main Steam Loop 'A'	Unknown	Unknown	Unknown	N/A	1968	Repaired	Yes

7. Description of Work Repaired base metal linear indications by removal with light grinding.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'B'The indications were evaluated to be not service related.* Original Manufacture Documentation is not available.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Jmy PROT FIRE MGR. Date 4-13, 19 89
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period JAN. 6, 1989 to JAN. 16, 1989, 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 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.

D.F. Boyer
Inspector's SignatureFactory Mutual System
Commissions 4956 (N) (I)
National Board, State, Province, and EndorsementsDate 4/14 19 89

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-17-89
P.O. BOX 529100, MIAMI, FL 33152 Sheet 1 of 1
 Address
2. Plant TURKEY POINT Unit 4
P.O. BOX 3088, FLORIDA CITY, FL 33034 CWO: D1-3088 N-89-0281
 Address PCM: N/A P.S. 89-218
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System Emergency Containment Cooler Charcoal Dousing System
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	N/A	N/A	N/A	8096-H-401-23	N/A	Replacement	No
Support	N/A	N/A	N/A	8096-H-401-24	N/A	Replacement	No
Support	N/A	N/A	N/A	8096-H-401-25	N/A	Replacement	No
Support	N/A	N/A	N/A	8096-H-401-32	N/A	Replacement	No
Support	N/A	N/A	N/A	8096-H-401-33	N/A	Replacement	No
Support	N/A	N/A	N/A	8096-H-401-34	N/A	Replacement	No
Support	N/A	N/A	N/A	8096-H-401-35	N/A	Replacement	No

7. Description of Work Replaced rod end on support 8096-H-401-23. Modified support 8096-H-401-33 and replaced pipe strap. Replaced pipe strap on remaining supports.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and site procedures.Quality Group 'B'

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ SITE MGR. Date 4-20, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period Feb. 16, 1989 to April 5, 1989, 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 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.

D. F. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
4/21 19 89 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-18-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 3
Name
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address
 CWO: D1-3093
D1-3109 PCM: 88-574
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name
P.O. BOX 3218, FLORIDA CITY, FL 33034
Address
 Authorization No. N/A
 Expiration Date N/A
4. Identification of System Intake Cooling Water
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 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ICW Piping, 3A	N/A	N/A	N/A	N/A	N/A	Replacement	No
ICW Piping, 3B	N/A	N/A	N/A	N/A	N/A	Replacement	No
TPCW Piping, 3A	N/A	N/A	N/A	N/A	N/A	Replacement	No
TPCW Piping, 3B	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Piping disassembled and reassembled to permit replacement of defective flanges. Pipe supports were removed, as required to accommodate flange replacement. Reinstalled to original configuration.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ System Leakage Test
- Pressure Nom. Operating psi Test Temp. N/A Degree's F
(9 to 25 psig)

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'C'Mechanical joints only. No welding performed.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ SITE MGR Date 4-20, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of State of Florida and employed byArkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Dec. 14, 1988 to Jan. 27, 1989, 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 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.

D. P. Boyer
Inspector's Signature

Commissions

Factory Mutual System

4956 (N) (I)

National Board, State, Province, and Endorsements

Date 4/24 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 4-19-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: DI-3116 NCR-C-0620
P.O. BOX 3088, FLORIDA CITY, FL 33034 PCM: 89-027 P.S. 89-050, 89-294
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Intake Cooling Water
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ICW Piping, 4B	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Piping disassembled and reassembled to permit replacement of defective flanges. Reinstalled to original configuration.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ System Leakage Test
- Pressure Nom. Operating psi Test Temp. N/A Degree's F
(25 psig)

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'C'.Mechanical joints only. No welding performed.

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. repair or replacement

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed H.T. Young PROJ SITE MGR Date 4-19, 1989
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA

have inspected the components described in this Owner's Report during the period Dec. 14, 1988 to April 1, 1989, 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 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.

D.E. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
 Date 4/20 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5-5-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-2492 NCR-C-439-88
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PCM: 89-003 P.S. 88-424
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Turbine Plant Component Cooling Water
5. (a) Applicable Construction Code B31.1, 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
TPCW 'A' Piping	N/A	N/A	N/A	N/A	N/A	Repaired	No
TPCW 'B' Piping	N/A	N/A	N/A	N/A	N/A	Repaired	No

7. Description of Work Repaired corroded instrument tappings by drilling/tapping to larger NPS and installing reducer bushings.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ System Leakage @ 4000 - 7300 GPM.
 Pressure N/A psi Test Temp. N/A Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedQuality Group 'C'.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair conforms to the rules of the ASME Code, Section XI. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. [Signature] PROT SITE MGR Date 5-9, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Mar. 15, 1988 to April 19, 1989, 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 ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions Factory Mutual System
Inspector's Signature 4956 (N) (I)
5/11 1989 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date May 15, 1989
Name
P.O. BOX 529100, MIAMI, FL 33152 Sheet 1 of 1
Address

2. Plant TURKEY POINT Unit #4
Name NCR-1247-86
P.O. BOX 3088, FLORIDA CITY, FL 33034 CWO:D1-1944, PCM: N/A, P.S. 89-285
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address

4. Identification of System Safety Injection System

5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Boron Inj. Loop "C"	N/A	N/A	N/A	N/A	N/A	Replacement	No

7. Description of Work Modified Whip Restraint, WR-18B, to restore it to the original

FSAR requirements.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
 Pressure _____ psi Test Temp. _____ Degree's F N/A

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with FP&L Welding Control Manual and site procedures.Quality Group "B".

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROJ SITE MGR. Date 5-23, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Dade County, Florida and employed by Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period MAR. 2, 1989 to APRIL 22, 1989, 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 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.

D. E. Boyer Factory Mutual System
 Inspector's Signature Commissions 4956 (N) (I)
5/25 19 89 National Board, State, Province, and Endorsements

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5-17-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address
2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-0287
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PCM: N/A P.S. 89-228
Repair Organization P.O. No., Job No., etc.
3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address
4. Identification of System Chemical and Volume Control
5. (a) Applicable Construction Code B31.1, 1955 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, Edition, Winter 1981 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Support	N/A	N/A	N/A	4-VCH-19	1989	Replacement	No
Pipe Support	N/A	N/A	N/A	SR-M-781A	N/A	Replacement	No

7. Description of Work Replaced support SR-M-781A and modified support 4-VCH-19.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ N/A
 Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedAll welding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group 'B'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H.T. Jerry PROJ SITE MGR. Date 5-18, 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MAhave inspected the components described in this Owner's Report during the period Feb. 17, 1989
to April 13, 1989, 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 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.D. J. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 5/18/89 1989

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner FLORIDA POWER & LIGHT Date 5-17-89
Name
P.O. BOX 529100, MIAMI, FL 33152
Address

2. Plant TURKEY POINT Unit 4
Name CWO: D1-3088 N-89-334
P.O. BOX 3088, FLORIDA CITY, FL 33034
Address PVM: N/A P.S. 89-256
Repair Organization P.O. No., Job No., etc.

3. Work Performed by BECHTEL CONSTRUCTION, INC. Type Code Symbol Stamp N/A
Name Authorization No. N/A
P.O. BOX 3218, FLORIDA CITY, FL 33034 Expiration Date N/A
Address

4. Identification of System Chemical and Volume Control System

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 1980, Edition, Winter 1981 Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping Support	N/A	N/A	N/A	PS-8	N/A	Replacement	No

7. Description of Work Replaced tube steel on support PS-8.

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

Pressure _____ psi Test Temp. _____ Degree's F

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

FORM NIS-2 (Back)

9. Remarks Examinations performed by FPL Construction Quality Control personnel.Applicable Manufacturer's Data Reports to be attachedWelding performed in accordance with the FP&L Weld Control Manual and
site procedures.Quality Group 'B'.

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. repair or replacementType Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/ASigned H. T. Young PROS SITE MGR. Date 5-23 1989
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Dade County, Florida and employed by
Arkwright Mutual Insurance Company of Norwood, MA.have inspected the components described in this Owner's Report during the period Feb. 23, 1989
to APRIL 24, 1989, 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 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.R. D. Boyer Factory Mutual System
Inspector's Signature Commissions 4956 (N) (I)
National Board, State, Province, and Endorsements
Date 5/23 1989