



Serial: RNP-RA/01-0125

AUG 1 0 2001

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

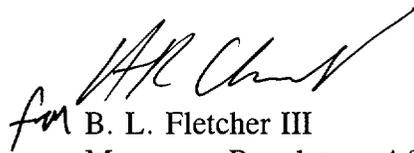
SUBMITTAL OF 90 DAY INSERVICE INSPECTION SUMMARY REPORT

Ladies and Gentlemen:

In accordance with the requirements of 10 CFR 50.55a, "Codes and Standards," Carolina Power & Light (CP&L) Company is providing, as an attachment to this letter, the Inservice Inspection (ISI) Summary Report for Class 1 and Class 2 pressure retaining components and their supports. This report has been prepared to meet the stipulation of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1986 Edition, no addenda, Article IWA-6000. These inspections were conducted during Refueling Outage 20 at the H. B. Robinson Steam Electric Plant, Unit No. 2.

If you have any questions concerning this matter, please contact Mr. H. K. Chernoff.

Sincerely,


B. L. Fletcher III
Manager - Regulatory Affairs

CAC/cac

Attachment

c: Resident Inspector, HBRSEP
R. Subbaratnam, NRC, NRR
L. A. Reyes, NRC, Region II

A047

United States Nuclear Regulatory Commission
Attachment to Serial RNP-RA/01-0125

INSERVICE INSPECTION REPORT
INTERVAL 3, PERIOD 3, OUTAGE 2
(RFO-20)

INSERVICE INSPECTION SUMMARY REPORT
FOR
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
3581 WEST ENTRANCE ROAD
HARTSVILLE, SOUTH CAROLINA 29550

CAROLINA POWER & LIGHT COMPANY

COMMERCIAL SERVICE DATE 3-7-71

REPORT COMPLETION DATE 7-24-01

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

1. Owner Carolina Power & Light Co., 411 Fayetteville St., P.O. Box 1551 Raleigh, NC 27602
(Name and Address of Owner)
2. Plant H.B. Robinson Steam Electric Plant, Unit No. 2, 3581 West Entrance Rd., Hartsville, SC 29550
(Name and Address of Plant)
3. Plant Unit 2 4. Owner Certificate of Authorization (If required) N/A
5. Commercial Service Date 3/7/71 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Westinghouse	S/N 66109	N/A	NB-20772
Steam Generator B	Westinghouse	S/N 93733	N/A	N/A
Steam Generator C	Westinghouse	S/N 93734	N/A	N/A
Pressurizer	Westinghouse	S/N 16A6208-1	N/A	#722
Reactor Coolant Pump A	Westinghouse	CPLRCP CPC1	N/A	N/A
Reactor Coolant Pump C	Westinghouse	CPLRCP CPC3	N/A	N/A
Piping	Ebasco Services	N/A	N/A	N/A
Piping	Maintenance	N/A	N/A	N/A
Accumulator A	Delta	S/N 41152-68-1	N/A	N/A
Accumulator B	Delta	S/N 41152-68-2	N/A	N/A
Accumulator C	Delta	S/N 41152-68-3	N/A	N/A
Boron Injection Tank	Southern Fabricators	S/N 0049	N/A	#368

FORM NIS-1 (Back)

8. Examination Dates 4/01/2000 to 5/10/2001 9. Inspection Interval from 2/1992 to 2/2002

10. Applicable Editions of Section XI 1986 Addenda N/A

11. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Attached Summaries

12. Abstract of Conditions Noted.

See Attached Summaries

13. Abstract of Corrective Measures Recommended and Taken.

See attached Summaries

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.

Certificate of Authorization No. (If applicable) N/A Expiration Date N/A

Date 7/24, 2001 Signed: Carolina Power & Light Co. By: [Signature]
Owner

CERTIFICATE 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 Vermont and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/00 to 5/01 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 certification 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 VT745 ANI
Inspector's Signature National Board, State, Province, and
Endorsement

Date: July 24, 2001

1.0 ABSTRACT

This report presents the results of the Inservice Inspection of the third interval, third period, second outage, for refueling outage number twenty (RFO#20), at the H. B. Robinson Steam Electric Plant, Unit No. 2. Examinations of reactor vessel, steam generator, piping welds, piping system components, bolting and component supports were conducted in accordance with ASME Section XI, 1986 Edition, no addenda. Repair and replacement efforts included modification and maintenance of component replacements (including class MC). Pressure testing of ASME Code systems and their components was performed in accordance with the requirements of ASME Section XI, IWA-5000, IWB-5000, IWC-5000, IWD-5000 and Code Case N 416-1. No service induced flaws, which exceeded the acceptance criteria of ASME Section XI, were detected during the inservice examinations of pressure retaining components. Two indications that exceeded the acceptance criteria of ASME Section XI were detected during the inservice examinations of pressure retaining piping components. One was identified as a non-relevant cold lap and the other indication was linear in nature, believed to be from previous conditioning of the weld (file marks). Both indications were removed with a hand file with no measurable loss of material wall. As a result of the linear indication, conservatively, a sample expansion was initiated for additional welds. The additional welds examined did not reveal any indications. Indications discovered during visual examination of component supports were evaluated and accepted, repaired or replaced to the original design configurations. Reactor vessel volumetric and visual examination revealed several procedural recordable indications. Ultrasonic indications were evaluated to the requirements of ASME Section XI and were found to be acceptable. The visual indications were evaluated as acceptable. Details of the reactor vessel examinations and evaluations are contained in the Reactor Vessel Final Report, located at H. B. Robinson Steam Electric Plant, Unit No. 2.

2.0 INTRODUCTION

- 2.1 This report contains a detailed item-by-item summary of examination results performed by Carolina Power & Light Company and Washington Group International since the last reporting of refueling outage nineteen, in December 1999. The third interval, third period examination percentage requirements are complete for the third period as well as the third interval. Examination reports, sketches, examination limitations, consumable

testing materials, personnel qualifications and calibration standards are retained by Carolina Power & Light Company on site. Detailed information for the outage activities are contained in the Final Report for RFO 20 and may be obtained through the Carolina Power & Light Company plant document control services.

3.0 EDDY CURRENT EXAMINATION

- 3.1 Eddy Current Examination of Steam Generator “B” and Steam Generator “C” primary tubes were conducted and are summarized in TAB A of this Report.

4.0 INSERVICE EXAMINATION EVALUATION

- 4.1 The ISI exams performed during refueling outage twenty at H. B. Robinson Steam Electric Plant, Unit No. 2, were conducted in accordance with the outage plan derived from the Third Ten Year Inservice Inspection Plan. This plan meets the requirements of ASME Section XI as defined in the 1986 Edition, and the H. B. Robinson Steam Electric Plant, Unit No. 2, Technical Specifications, Section 5.5 and Title 10 of the Code of Federal Regulations, Part 50.55a(g).
- 4.2 Inservice Examinations performed were conducted by the use of site-approved procedures and documented on procedural data reports. Each data report details the component or system examined, examination method employed, the procedure used to perform the test and the pertinent equipment settings or examination conditions. Recordable indications were documented and evaluated on the individual data reports or by a separate action item. The reports are retained in the Final Report for RFO 20 and are retained by H. B. Robinson Steam Electric Plant, Unit No. 2, as permanent records for retrieval and review for the life of the component. A summary of examinations, attached herein, contains listings of the examinations performed, details of the component identification, code category, code item number, examination area, work documents and other applicable identifying information.
- 4.3 Ultrasonic, magnetic particle, and liquid penetrant examinations revealed no service induced flaws exceeding the acceptance criteria of ASME Section XI, 1986 Edition.

Two indications that exceeded the acceptance criteria of ASME Section XI were detected during the inservice examinations of pressure retaining piping components by the liquid penetrant technique. One was identified as a non-relevant cold lap and the other indication was linear in nature, believed to be from previous conditioning of the weld (file marks). Both indications were removed with a hand file with no measurable loss of material wall. As a result of the linear indication, conservatively, a sample expansion was initiated for additional welds. The additional welds examined did not reveal any indications.

4.4 Visual examinations of supports, which revealed indications requiring evaluation, have been dispositioned as operable.

4.5 The results of examinations performed at the H. B. Robinson Steam Electric Plant, Unit No. 2, during refueling outage twenty classified in one of the following categories:

- A - No Indications
- B - Non-Recordable Indications
- C - Rejectable Indications

4.6 The NDE summary tables (TAB B) itemize the components examined during refueling outage twenty. The following is a brief explanation of the type of information included in the NDE Summary:

- **Component ID** - Identification of the component examined
- **Component Description** - A description of the component configuration
- **System** - The system on which the component was examined
- **Line #** - The applicable line # on which the examination was performed (if applicable).
- **Code Category** - The ASME Code Category that the examination was performed to.
- **Code Item Number** - The Item number of the applicable Code Category that the examination was performed to.

- **ISI Drawing** - The isometric sketch identifying the location of the component being examined.
- **Calibration Block** - The ultrasonic calibration block used to perform the examination (as applicable).
- **Procedure** - The procedure utilized to perform the examination.
- **Examination Completion** - The date the examination was completed.
- **Examination Results** - The results of the examination performed.
- **CRV Coverage** - The percent Code required volume covered during the examination.

4.7 As required by ASME Section XI, IWA-6000, Subparagraph IWA-6220(d), this report contains the following:

- Numbers assigned to the components by the State, Municipality, or Providence (Page 2).
- National Board Numbers assigned to the components by the manufacturers (Page 2).
- Name of the components and descriptions, including size, capacity, material, location, and drawings to aid identification are identified in the Ten Year Plan and this report as applicable.
- Name and address of manufacturers are available thru the QA records system at H. B. Robinson Steam Electric Plant, Unit No. 2.
- Manufacturers component identification numbers (Page 2).
- Date of completion of the examination, test, replacement or repair are contained in the applicable sections of this summary report as identified on page 16.
- Name of the Inspector who witnessed or otherwise verified the examinations, tests, replacements, or repairs, and the Inspectors employer and business address, when required. This requirement is addressed in the applicable sections of this summary report.
- Abstract of examinations, tests replacements, or repairs performed; conditions recorded; and corrective measures recommended or taken; are

contained in the applicable sections of this summary report as identified on page 16.

- Signature of the Inspector, when required, ANII signatures appear on the NIS-1 and NIS-2 reports as applicable.
- Owners Report for Inservice Inspections, Form NIS-1, and Owners Report for Repairs or Replacements, Form NIS-2 as shown in Appendix II. See NIS-1 and NIS-2 reports as applicable.

5.0 AUGMENTED EXAMINATION PROGRAM

- 5.1 The Augmented Examination Program included in this report documents the inspections performed to satisfy regulatory documents, other than ASME Section XI. During this period, ultrasonic examinations were conducted in accordance with augmented ISI examination program for the steam generator feedwater nozzles. Additional augmented exams included safety injection accumulators, A, B and C nozzles, and containment spray “best effort” ultrasonic inspections with no recordable indications noted. These examinations and records are not subject to the interface and review by the Authorized Nuclear Inservice Inspector (ANII), and are summarized in TAB C of this report.

6.0 PRESERVICE EXAMINATION

- 6.1 Preservice examination of Code Class components were conducted at the H. B. Robinson Steam Electric Plant, Unit No. 2, from the conclusion of refueling outage nineteen through refueling outage twenty, following repair/replacement activities. The items and areas listed in TAB G, Repairs and Replacements, of this report were examined in accordance with the requirements of ASME Section XI as defined in the 1986 Edition with no addenda and the H. B. Robinson Steam Electric Plant, Unit No. 2, Technical Specifications Section 5.5 and Title 10 of the Code of Federal Regulations Part 50.55a(g).
- 6.2 The detailed examination data sheets recording the volumetric, surface and visual results are located in the RO 20 ISI Final Outage Report, and may be obtained through the

7.0 SNUBBER EXAMINATIONS & TESTS

- 7.1 A summary of examinations and tests of snubbers on Code Class components conducted during refueling outage twenty is contained in TAB E of this Report.

8.0 PRESSURE TEST SUMMARY

- 8.1 Pressure tests and VT-2 examinations performed in conjunction ASME Section XI, Plant Technical Specifications and in accordance with procedure TMM-020 "Inservice Inspection Pressure Testing." Also included within TMM-020 are the approaches to testing each Code Class system and reference to the respective Engineering Surveillance Test (EST) procedures used in the conduct of the credited pressure test. The summary of these pressure tests is located in TAB F of this Report.

9.0 REPAIR AND REPLACEMENT PROGRAM

- 9.1 The H. B. Robinson Steam Electric Plant, Unit No. 2, Repair and Replacement Program (TAB G) for the period starting November 15, 1999 through May 2001 underwent extensive review by the station personnel involved and the Authorized Nuclear Inservice Inspector (ANII). Work Order package information included within this summary report are those items which have completed the required reviews, final engineering approval, and the required ANI/ANII NIS-2 certification prior to the close of the reporting period as specified in ASME Section XI, IWA-6230. The station has established November 15, 1999 as the document closing date for the previous reporting period.
- 9.2 Work Order evolutions performed during the twentieth refueling outage whose document review, approval and certification process was not finalized by the established closing date shall be reported either by amendment to the original Refueling Outage Twenty

NIS-2 Summary or shall be included in the Final Third Interval Summary Report, within the established guidelines of ASME Section XI, IWA-6230.

- 9.3 The enclosed repair and replacement summary and the attached ASME Section XI, NIS-2 forms detail the component, system, Work Order document, component description and the description of the Work Order activity. Complete repair and replacement documentation for the specific component is maintained on site as a permanent record and is retrievable through the WR (Work Request) /WO (Work Order) document package, which is identified on the NIS-2 form.

10.0 IWE/IWL PROGRAM

10CFR50.55a(b)(2)(ix)(A)

10.1 CV Liner and Moisture Barrier

- 10.1.1 As required by Relief Requests IWE/IWL-01 and IWE/IWL-02, the accessible areas of the CV Liner and moisture barrier on the lowest portion of containment were examined. Although degradation did exist in these areas, the portions that were examined were determined not to impact the structural integrity or leaktightness of containment and were acceptable. However, there are areas on the lowest portion of containment that could not be examined due to permanent structures or ALARA concerns. Although Relief Requests IWE/IWL-01 and IWE/IWL-02 do not require examination of these “inaccessible” areas, 10 CFR 50.55a(b)(2)(ix)(A) does require the evaluation of these inaccessible areas when conditions exist in accessible areas that could indicate the presence of or result in degradation to such inaccessible areas. These areas of the CV Liner and moisture barrier are on the lowest portion of the CV Liner at approximately elevation 228. These areas were analyzed in calculation RNP-C/STRU-1128 and determined not to impact the structural integrity or leak-tightness of containment. This analysis was documented in ESR 99-0005 Revision 3 Attachment B. The conclusion was that these “inaccessible” portions of the CV Liner are acceptable for continued service until 2005. As required by 10 CFR

50.55a(b)(2)(ix)(A), the following information is provided for both the CV Liner on the lowest row of containment and the moisture barrier:

10.2 **CV Liner wall at elevation 228**

10.2.1 The type of degradation estimated for the CV Liner is coating degradation potentially resulting in the initiation of corrosion of the CV Liner. The conditions that would lead to this degradation are the presence of moisture behind the insulation and sheathing due to previous flooding of containment.

10.2.2 The worst-case corrosion identified on the portions of the CV Liner that were examined was assumed and a corrosion rate based on the presumed event that led to the degradation was calculated. These items were then compared to the calculated minimum design thickness to deterministically define the duration that the CV Liner was acceptable for those areas that were not accessible (Analysis Calculation RNP-C/STRU-1128 and ESR 99-0005 Revision 3 Attachment B). These areas were determined to be acceptable for continued service until 2005.

10.2.3 The necessary corrective actions are to examine these “inaccessible” areas of the CV Liner by providing accessibility for examination or to provide further evaluation.

10.3 **Moisture Barrier**

10.3.1 The type of degradation estimated for the moisture barrier is separation between the moisture barrier and the CV Liner due to coating degradation. Although this separation is not significant, it does potentially allow moisture to penetrate the moisture barrier. Degradation of the moisture barrier material itself was not observed during the examinations and is not anticipated in these inaccessible areas.

10.3.2 It is anticipated that a portion of the moisture barrier in the “inaccessible” areas would also be degraded. Although this degradation of the moisture barrier from the CV Liner could potentially lead to CV Liner degradation behind and below the moisture barrier, the observed degradation of the CV Liner behind and below the moisture barrier was

less severe than CV Liner degradation at other locations at elevation 228. Therefore, the moisture barrier in the “inaccessible” areas is acceptable for continued service until 2005. (ESR 99-0005 Revision 3 Attachment B)

10.3.3 The necessary corrective actions are to examine these “inaccessible” areas of the moisture barrier by providing accessibility for examination or to provide further evaluation.

10.4 **CV Liner beneath concrete floor**

10.4.1 Evidence of potential water below the concrete floor and on top of the horizontal CV Liner was also observed prior to and during RO 20. The evidence was the presence of boric acid on top of the concrete at some of the construction joints and the presence of a piece of insulation between the concrete and CV Liner where the moisture barrier was to be located. Due to this evidence indicating potential for degradation in the “inaccessible” portion of the CV Liner beneath the concrete floor, the following information is provided as required by 10 CFR 50.55a(b)(2)(ix)A.

10.4.2 The potential degradation indicated by the presence of boric acid on top of the floor and the visual examination of the CV Liner at the insulation location would be corrosion. When the insulation was removed and the CV Liner examined (VT-3) in this area that would normally be inaccessible, the CV Liner did exhibit corrosion. It is estimated that this degradation would be representative of the remaining “inaccessible” areas of the CV Liner below the concrete floor.

10.4.3 The CV Liner at this insulation location was evaluated against the acceptance criteria in procedure CM-764, “Inspection and Repair of CV Liner and Insulation,” and determined to be acceptable. In fact, the degradation was less severe than the CV Liner degradation observed on the lowest row of CV Liner immediately above the concrete floor. The other areas below the concrete were evaluated as acceptable by comparison to the CV Liner below the concrete at this insulation location. This evaluation was documented in ESR 99-0005, Revision 3, Attachment B; concluding

that the other “inaccessible” areas below the concrete are acceptable for continued service until 2005.

10.4.4 The necessary corrective actions are to either examine these inaccessible areas of the CV Liner below the concrete or to provide further evaluation.

10.5 **CV Liner wall above the lowest row of sheathing panels**

10.5.1 As required by Relief Request IWE/IWL-01, VT-3 examinations are performed on those portions of the containment liner that are exposed when a maintenance activity requires removal of the liner insulation. During RO 20, approximately 25 panels above the lowest row of sheathing panels were removed; including panels within the equipment hatch. The degradation of the CV Liner that was observed at these locations was determined to be acceptable for each of these panels and the structural integrity and leaktightness of containment were not impacted. However, the conditions observed at these accessible locations indicated the potential of degradation of the CV Liner at other locations above the lowest row of sheathing. As required by 10 CFR 50.55a(b)(2)(ix)(A), the following information is provided.

10.5.2 The type of degradation estimated for the CV Liner is coating degradation potentially resulting in minor corrosion of the CV Liner. The extent is any area of the CV Liner behind the sheathing panels. The conditions that would lead to this degradation are the presence of moisture behind the insulation and sheathing due to condensation.

10.5.3 As discussed in Relief Request IWE/IWL-01, the corrosion observed on these portions of the CV Liner was minimal. The worst-case corrosion had considerable margin compared to the calculated minimum design thickness. Therefore, any potential corrosion on those portions of the CV Liner above the lowest row of sheathing that are inaccessible would also be minimal and the structural integrity and leaktightness of containment would not be impacted. Removal of any other any other sheathing panels in the future are expected to reach the same conclusion. This is consistent with the discussion in Relief Request IWE/IWL-01.

- 10.5.4 Consistent with the conditions in Relief Request IWE/IWL-01, no further actions are required; except to continue to perform VT-3 examinations on any portions of the CV Liner that are exposed due to maintenance activities.

10 CFR 50.55a(b)(2)(ix)(D)

10.6 Moisture Barrier

- 10.6.1 VT-3 examinations for Class MC Components were performed in accordance with procedure CV-764 Revision 1 to meet the requirements of Relief Request IWE/IWL-02 for portions of the moisture barrier.
- 10.6.2 During these VT-3 examinations of these Class MC Components, portions of the moisture barrier revealed indications that the moisture barrier was ineffective in maintaining its leak-tight integrity. These portions of the moisture barrier were removed and replaced. It should also be noted that those portions of the moisture barrier that did maintain their leak-tight integrity were also removed and replaced. As required by 10 CFR 50.55a(b)(2)(ix)(D), the following items are provided for those portions of the moisture barrier that did not meet the CM-764 procedure acceptance criteria.
- 10.6.3 The portion that was degraded was the leak tightness of the moisture barrier where it contacted the CV Liner. The moisture barrier exhibited intermittent separation from the CV Liner. The separation appeared to be caused by degradation of the CV Liner coatings creating a gap with the flexible moisture barrier. At one isolated location, a piece of insulation was located where the moisture barrier was to be located and there was no evidence of the moisture barrier. The insulation was removed and the moisture barrier installed to restore the design condition.
- 10.6.4 Per IWE-3513.1, any defects that may violate the leak-tight integrity of the moisture barrier are not acceptable and shall be repaired or replaced. Therefore, the moisture barrier was removed and replaced. ESR 99-00294, Revision 1, evaluated the moisture barrier and determined that the moisture barrier degradation did not impact the

inaccessible portion of the liner below the concrete due to the intimate contact between the concrete and liner and due to the corrosion protection provided by that intimate contact. The moisture barrier was examined in the accessible areas. Therefore, no additional examinations in accessible areas can be made.

- 10.6.5 The corrective actions, that were performed in accordance with procedure CM-764 for the defective moisture barrier, were removal of the moisture barrier, removal of the degraded coating and corrosion products, validation that the CV Liner minimal design thickness was met, recoating of the degraded area, and replacement of the moisture barrier. These actions were completed during RO20. Since the moisture barrier has been restored to its design condition, no additional corrective actions are required.

INSERVICE INSPECTION REPORT

REFUELING OUTAGE 20 INDEX OF EXAMINATIONS

<u>TAB</u>	<u>EXAMINATION ACTIVITY</u>
A	EDDY CURRENT SUMMARY
B	INSERVICE EXAMINATION SUMMARY
C	AUGMENTED EXAMINATIONS
D	PRE-SERVICE EXAMINATIONS
E	SNUBBER EXAMINATIONS AND TESTS
F	PRESSURE TEST SUMMARY
G	REPAIR AND REPLACEMENTS

TAB

A

EDDY

CURRENT

EXAMINATIONS

ABSTRACT

This document summarizes the eddy current examination program, and results, of the eddy current inspections performed at H. B. Robinson Steam Electric Plant, Unit No. 2, RFO-20, April 2001 Outage.

The S/G examination program included the use of multi-frequency Bobbin Coil, and Motorized Rotating Pancake Coil or Plus Point Coil (RPC) probes. RPC examinations were performed in S/Gs B & C on approximately 20% of the inlet (hot leg) side historical manufacturing buff marks, dents, and on suspect bobbin indications (diagnostics). RPC examinations were also performed on 50% of the u-bend region of row 1 and 2 and 50% of the hot leg top-of-tubesheet (TTS) area. S/Gs B & C had approximately 50% of the open tubes tested with a Bobbin Coil probe.

Steam Generator	Tube Plugged	Comments
B	R43C55	A dent was identified in this tube. The dent prevented an examination by a qualified bobbin probe. Use of a Rotating Pancake Coil probe (Plus Point) resulted in poor quality data as a result of the configuration and location of the dent. A preventive plug was installed.
C	R44C56	A wear indication was identified at the flow distribution baffle on the hot leg side of the steam generator. A preventive plug was installed.
C	R33C34	An obstruction identified in the tube above the sixth tube support plate on the hot leg side of the steam generator. A preventive plug was installed.
C	R32C26	A wear indication was identified near the tube sheet on the hot leg side of the steam generator. A preventive plug was installed.

TAB

B

**INSERVICE
EXAMINATION
SUMMARY**

The following tables are arranged by CPL Zones, which are identified as CPL-(XXX) series.
The 100 series are Class 1, the 200 series are ASME Class 2 and the 300 series are ASME Class
3. Each Zone is identified as “Supports” or “Welds” as applicable.

WELDS

Zone
CPL-101

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
101/02 5379-1971 Sht. 1 RC 2005 N/A	CLOSURE HEAD TO FLANGE 1 B-A B1.40	N/A N/A 7.75"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/16/01 A - NO INDICATIONS
EXAMINE FROM CENTERLINE OF STUD HOLE #34 TO CENTERLINE OF STUD HOLE # 1 MT COMPLETE 4/16/01					
101/02 5379-1971 Sht. 1 RC 2005 N/A	CLOSURE HEAD TO FLANGE 1 B-A B1.40	N/A N/A 7.75"	CPL-47 N/A	86 Code VOL UT	HBR-UT-86-9 98.60% 4/16/01 A - NO INDICATIONS
EXAMINE FROM CENTERLINE OF STUD HOLE #34 TO CENTERLINE OF STUD HOLE # 1 MT COMPLETE 4/16/01					
101/03 5379-1971 Sht. 1 RC 2005 N/A	VESSEL FLANGE TO SHELL 1 B-A B1.30	N/A N/A 9.875"	RV-2 N/A	86 Code VOL A-UT	ISwT Project 00-0133 73% 4/25/01 *A - NO INDICATIONS
101/04 5379-1971 Sht. 1 RC 2005 N/A	UPPER BARREL TO INTERMEDIATE BARREL 1 B-A B1.11	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 100% 4/25/01 C - RECORDABLE INDICATION
RECORDABLE INDICATION EVALUATED TO ASME SECTION XI - ACCEPTABLE INDICATION - SEE ISwT FINAL REPORT FOR DETAILS.					
101/05 5379-1971 Sht. 1 RC 2005 N/A	INTERMEDIATE BARREL TO LOWER BARREL 1 B-A B1.11	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 100% 4/24/01 A - NO INDICATIONS
101/06 5379-1971 Sht. 1 RC 2005 N/A	LOWER BARREL TO LOWER HEAD 1 B-A B1.11	N/A N/A 5.1875"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 82% 4/23/01 *A - NO INDICATIONS
101/07 5379-1971 Sht. 1 RC 2005 N/A	LOWER HEAD TO INTERMEDIATE LOWER HEAD 1 B-A B1.21	N/A N/A 5.1875"	RV-4 N/A	86 Code VOL A-UT	ISwT Project 00-0133 5% 4/24/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

Zone
CPL-101

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
101/08 5379-1971 Sht. 1 RC 2005 N/A	CLOSURE HEAD MERIDIONAL @ 30° 1 B-A B1.22	N/A N/A 7.75"	CPL-47 N/A	86 Code VOL UT	HBR-UT-86-5 49.00% 4/16/01 *A - NO INDICATIONS
101/14 5379-1971 Sht. 1 RC 2005 N/A	UPPER SHELL LONGITUDINAL @ 70° 1 B-A B1.12	N/A N/A 9.875"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 90% 4/25/01 *A - NO INDICATIONS
101/15 5379-1971 Sht. 1 RC 2005 N/A	UPPER SHELL LONGITUDINAL @ 190° 1 B-A B1.12	N/A N/A 9.875"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 90% 4/25/01 *A - NO INDICATIONS
101/16 5379-1971 Sht. 1 RC 2005 N/A	UPPER SHELL LONGITUDINAL @ 310° 1 B-A B1.12	N/A N/A 9.875"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 90% 4/25/01 *C – RECORDABLE INDICATION
RECORDABLE INDICATION EVALUATED TO ASME SECTION XI – ACCEPTABLE INDICATION – SEE ISwT FINAL REPORT FOR DETAILS.					
101/17 5379-1971 Sht. 1 RC 2005 N/A	INTERMEDIATE SHELL LONGITUDINAL @ 10° 1 B-A B1.12	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 100% 4/25/01 A - NO INDICATIONS
101/18 5379-1971 Sht. 1 RC 2005 N/A	INTERMEDIATE SHELL LONGITUDINAL @ 130° 1 B-A B1.12	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 100% 4/25/01 A - NO INDICATIONS
101/19 5379-1971 Sht. 1 RC 2005 N/A	INTERMEDIATE SHELL LONGITUDINAL @ 250° 1 B-A B1.12	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISwT Project 00-0133 100% 4/25/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

**Zone
CPL-101**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
101/20 5379-1971 Sht. 1 RC 2005 N/A	LOWER SHELL LONGITUDINAL @ 120° 1 B-A B1.12	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISWT Project 00-0133 100% 4/24/01 A - NO INDICATIONS
101/21 5379-1971 Sht. 1 RC 2005 N/A	LOWER SHELL LONGITUDINAL @ 240° 1 B-A B1.12	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISWT Project 00-0133 100% 4/24/01 A - NO INDICATIONS
101/22 5379-1971 Sht. 1 RC 2005 N/A	LOWER SHELL LONGITUDINAL @ 0° 1 B-A B1.12	N/A N/A 9.3125"	RV-3 N/A	86 Code VOL A-UT	ISWT Project 00-0133 73% 4/24/01 *A - NO INDICATIONS
101/23 5379-1971 Sht. 1 RC 2005 N/A	LOWER HEAD MERIDIONAL @ 30° 1 B-A B1.22	N/A N/A 5.1875"	RV-4 N/A	86 Code VOL A-UT	ISWT Project 00-0133 63% 4/23/01 *A - NO INDICATIONS
101/24 5379-1971 Sht. 1 RC 2005 N/A	LOWER HEAD MERIDIONAL @ 90° 1 B-A B1.22	N/A N/A 5.1875"	RV-4 N/A	86 Code VOL A-UT	ISWT Project 00-0133 44% 4/23/01 *A - NO INDICATIONS
101/25 5379-1971 Sht. 1 RC 2005 N/A	LOWER HEAD MERIDIONAL @ 150° 1 B-A B1.22	N/A N/A 5.1875"	RV-4 N/A	86 Code VOL A-UT	ISWT Project 00-0133 66% 4/23/01 *A - NO INDICATIONS
101/26 5379-1971 Sht. 1 RC 2005 N/A	LOWER HEAD MERIDIONAL @ 210° 1 B-A B1.22	N/A N/A 5.1875"	RV-4 N/A	86 Code VOL A-UT	ISWT Project 00-0133 56% 4/24/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

Zone	WELDS		Description	Diameter	Cal Std 1	Exam Required	Procedure
CPL-101	Component ID	System	Code Class	Pipe Sch	Cal Std 2	Exam Method	% CRV
	P & ID	System #	Category	Nom "t"		Exam Type	Exam Date
	Line #		Item #				Exam Results
	Comments						
	101/27		LOWER HEAD MERIDIONAL @ 270°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-4	VOL	44%
	RC 2005		B-A	N/A	N/A	A-UT	4/24/01
	N/A		B1.22	5.1875"			*A - NO INDICATIONS
	101/28		LOWER HEAD MERIDIONAL @ 330°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-4	VOL	69%
	RC 2005		B-A	N/A	N/A	A-UT	4/24/01
	N/A		B1.22	5.1875"			*A - NO INDICATIONS
	101/ATTACHMENTS		REACTOR VESSEL INTERIOR ATTACHMENTS			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	N/A	VIS	N/A
	RC 2005		B-N-2	N/A	N/A	VT-1	4/22/01
	N/A		B13.50	N/A			B - NON RECORDABLE
	101/CORESUPPORT		REACTOR VESSEL CORE SUPPORT STRUCTURE			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	N/A	VIS	N/A
	RC 2005		B-N-3	N/A	N/A	VT-3	4/23/01
	N/A		B13.70	N/A			B - NON RECORDABLE
	101/01THRU I50		RV INCORE INSTRUMENTATION			86 Code	EST-083
	5379-1971 Sht. 1		1	N/A	N/A	VIS	N/A
	RC 2005		B-E	N/A	N/A	VT-2	5/10/01
	N/A		B4.13	N/A			A - NO INDICATIONS
	101/LUGS		REACTOR VESSEL LUGS			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	N/A	VIS	N/A
	RC 2005		B-N-2	N/A	N/A	VT-3	4/23/01
	N/A		B13.60	N/A			A - NO INDICATIONS
	101/RX VSL INTERIOR		REACTOR VESSEL INTERIOR			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	N/A	VIS	N/A
	RC 2005		B-N-1	N/A	N/A	VT-3	4/22/01
	N/A		B13.10	N/A			C - RECORDABLE INDICATION

FOREIGN MATERIAL DEBRIS EVALUATED, ACCEPTABLE AS IS, RECORDABLE INDICATION EVALUATED TO ASME SECTION XI - ACCEPTABLE INDICATION - SEE ISwT FINAL REPORT FOR DETAILS.

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

Zone	WELDS		Description	Diameter	Cal Std 1	Exam Required	Procedure
	Component ID	System #					
CPL-101A	P & ID		Category	Nom "t"		Exam Type	Exam Date
	Line #		Item #				Exam Results
	Comments						
	101A/29		HOT LEG LOOP "B " NOZZLE WELD @10°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	55%
	RC 2005		B-D	N/A	N/A	A-UT	4/26/01
	N/A		B3.90	9.875"			*A - NO INDICATIONS
	101A/29IR		HOT LEG LOOP "B " NOZZLE WELD @10°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	100%
	RC 2005		B-D	N/A	N/A	A-UT	4/19/01
	N/A		B3.100	N/A			A - NO INDICATIONS
	101A/30		COLD LEG LOOP "A " NOZZLE WELD @80°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	90%
	RC 2005		B-D	N/A	N/A	A-UT	4/26/01
	N/A		B3.90	9.875"			*A - NO INDICATIONS
	101A/30IR		COLD LEG LOOP "A " NOZZLE WELD @80°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	100%
	RC 2005		B-D	N/A	N/A	A-UT	4/22/01
	N/A		B3.100	N/A			A - NO INDICATIONS
	101A/31		HOT LEG LOOP "A " NOZZLE WELD @130°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	55%
	RC 2005		B-D	N/A	N/A	A-UT	4/26/01
	N/A		B3.90	9.875"			*A - NO INDICATIONS
	101A/31IR		HOT LEG LOOP "A " NOZZLE WELD @130°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	100%
	RC 2005		B-D	N/A	N/A	A-UT	4/21/01
	N/A		B3.100	N/A			A - NO INDICATIONS
	101A/32		COLD LEG LOOP "C " NOZZLE WELD @200°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	90%
	RC 2005		B-D	N/A	N/A	A-UT	4/26/01
	N/A		B3.90	9.875"			*A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

Zone	WELDS		Description	Diameter	Cal Std 1	Exam Required	Procedure
	Component ID	System #					
CPL-101A	P & ID		Category	Nom "t"		Exam Type	Exam Date
	Line #		Item #				Exam Results
	Comments						
	101A/32IR		COLD LEG LOOP "C" NOZZLE WELD @200°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	100%
	RC 2005		B-D	N/A	N/A	A-UT	4/20/01
	N/A		B3.100	N/A			A - NO INDICATIONS
	101A/33		HOT LEG LOOP "C " NOZZLE WELD @250°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	55%
	RC 2005		B-D	N/A	N/A	A-UT	4/26/01
	N/A		B3.90	9.875"			*A - NO INDICATIONS
	101A/33IR		HOT LEG LOOP "C " NOZZLE WELD @250°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	100%
	RC 2005		B-D	N/A	N/A	A-UT	4/20/01
	N/A		B3.100	N/A			A - NO INDICATIONS
	101A/34		COLD LEG LOOP "B " NOZZLE WELD @320°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	95%
	RC 2005		B-D	N/A	N/A	A-UT	4/26/01
	N/A		B3.90	9.875"			A - NO INDICATIONS
	101A/34IR		COLD LEG LOOP "B " NOZZLE WELD @320°			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-5	VOL	100%
	RC 2005		B-D	N/A	N/A	A-UT	4/20/01
	N/A		B3.100	N/A			A - NO INDICATIONS
	101A/L01 THRU L50		REACTOR VESSEL LIGAMENT # 1 thru # 50			86 Code	ISwT Project 00-0133
	5379-1971 Sht. 1		1	N/A	RV-1	VOL	100%
	RC 2005		B-G-1	N/A	N/A	A-UT	5/3/01
	N/A		B6.40	10.00"			A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

Zone	WELDS		Description	Diameter	Cal Std 1	Exam Required	Procedure
	Component ID	System #					
CPL-101B	P & ID		Category	Nom "t"		Exam Type	Exam Date
	Line #		Item #				Exam Results
	Comments						
	101B/N35 THRU N50		REACTOR VESSEL NUTS			86 Code	HBR-MT-86-1
	5379-1971 Sht. 1		1	N/A	N/A	SUR	N/A
	RC 2005		B-G-1	N/A	N/A	MT	4/22/01
	N/A		B6.10	N/A			A - NO INDICATIONS

WELDS

**Zone
CPL-101B**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
101B/S01 THRU S28 5379-1971 Sht. 1 RC 2005 N/A	REACTOR VESSEL STUDS 1 B-G-1 B6.30	7.0" N/A N/A	CPL-74 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/16/01 A - NO INDICATIONS
101B/S01 THRU S28 5379-1971 Sht. 1 RC 2005 N/A	REACTOR VESSEL STUDS 1 B-G-1 B6.30	7.0" N/A N/A	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/23/01 A - NO INDICATIONS
101B/S29 5379-1971 Sht. 1 RC 2005 N/A PDI RECORDABLE INDICATION - REPLACED STUD	REACTOR VESSEL STUD # 28 1 B-G-1 B6.30	7.0" N/A N/A	CPL-74 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/16/01 C - RECORDABLE
101B/S29 5379-1971 Sht. 1 RC 2005 N/A BASELINE MAGNETIC PARTICLE EXAMINATION OF REPLACEMENT STUD.	REACTOR VESSEL STUD # 28 1 B-G-1 B6.30	7.0" N/A N/A	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/25/01 A - NO INDICATIONS
101B/S29 5379-1971 Sht. 1 RC 2005 N/A BASELINE ULTRASONIC EXAMINATION OF NEW STUD.	REACTOR VESSEL STUD # 28 1 B-G-1 B6.30	7.0" N/A N/A	CPL-74 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/23/01 A - NO INDICATIONS
101B/S30 THRU S50 5379-1971 Sht. 1 RC 2005 N/A	REACTOR VESSEL STUDS 1 B-G-1 B6.30	7.0" N/A N/A	CPL-74 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/16/01 A - NO INDICATIONS
101B/S30 THRU S50 5379-1971 Sht. 1 RC 2005 N/A	REACTOR VESSEL STUDS 1 B-G-1 B6.30	7.0" N/A N/A	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/23/01 A - NO INDICATIONS

WELDS

Zone
CPL-101B

Component ID
P & ID
System **System #**
Line #
Comments

Description
Code Class
Category
Item #

Diameter
Pipe Sch
Nom "t"

Cal Std 1
Cal Std 2

Exam Required
Exam Method
Exam Type

Procedure
% CRV
Exam Date
Exam Results

101B/W35 THRU W50
5379-1971 Sht. 1
RC 2005
N/A

REACTOR VESSEL WASHERS
1
B-G-1
B6.50

N/A
N/A
N/A

N/A
N/A

86 Code
VIS
VT-1

HBR-VT-86-1
100%
4/22/01
A - NO INDICATIONS

WELDS

**Zone
CPL-101C**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
101C/03 5379-1971 Sht. 1 RC 2005 N/A	CAPPED GRDM WELD #03(P-50)(L-13) 1 B-O B14.10	N/A N/A N/A	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/16/01 A - NO INDICATIONS
101C/E 5379-1971 Sht. 1 RC 2005 N/A	CONOSEAL "E" BOLTING 1 B-G-2 B7.10	N/A N/A N/A	N/A N/A	86 Code VIS VT-1	HBR-VT-86-1 100% 4/16/01 A - NO INDICATIONS
101C/P01THRU P24 5379-1971 Sht. 1 RC 2005 N/A	HEAD PENETRATIONS (PERIPHERY) 1 B-E B4.12	N/A N/A N/A	N/A N/A	86 Code VIS VT-2	EST-083 100% 5/10/01 A - NO INDICATIONS

WELDS

**Zone
CPL-103**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
103/B11 THRU B16 5379-1971 Sht. 2 RC 2005 N/A EXAMINED IN PLACE UNDER TENSION	PZR MANWAY BOLTING 1 B-G-2 B7.20	N/A N/A N/A	N/A N/A	86 Code VIS VT-1	HBR-VT-86-1 100% 4/27/01 A - NO INDICATIONS
103/BSFTY 5379-1971 Sht. 2 RC 2005 N/A	SAFETY NOZZLE "B" INNER RADIUS 1 B-D B3.120	N/A 160 N/A	8-TKY N/A	86 Code VOL UT	HBR-UT-86-6 100% 4/28/01 A - NO INDICATIONS

WELDS

Zone	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-103	103/CSFTY 5379-1971 Sht. 2 RC 2005 N/A	SAFETY NOZZLE "C" INNER RADIUS 1 B-D B3.120	N/A 160 N/A	8-TKY N/A	86 Code VOL UT	HBR-UT-86-6 100% 4/28/01 A - NO INDICATIONS
	103/H01 THRU H78 5379-1971 Sht. 2 RC 2005 N/A	PZR HEATER PENETRATIONS 1 B-E B4.20	N/A N/A N/A	N/A N/A	86 Code VIS VT-2	EST-083 N/A 5/10/01 A - NO INDICATIONS

SUPPORTS

Zone	Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
CPL-103	103/SKIRT RC 2005	PRESSURIZER SUPPORT SKIRT F-A F1.40	B PZR	HBR2-10618/SHT 5 0 0	86 Code VIS VT-3	HBR-VT-86-3 4/28/01 A - NO INDICATIONS

SUPPORTS

Zone
CPL-105

Component ID
System
System #
Comments

Description
Category
Item #

Component Type
Line #

Support Sketch
Cold Set
Hot Set

Exam Required
Exam Method
Exam Type

Procedure
Exam Date
Exam Results

105A/D
RC
3005

S/G "B" SUPPORT LEG 'D'
F-A
F1.40

B
SG-B

G-190551
0
0

86 Code
VIS
VT-3

HBR-VT-86-3
4/28/01
A - NO INDICATIONS

WELDS

**Zone
CPL-105A**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
105A/01 5379-1971 Sht. 1 RC 2005 SG-B	TUBESHEET TO HEAD 1 B-B B2.40	N/A N/A N/A	CPL-51 N/A	86 Code VOL UT	HBR-UT-86-5 100% 4/23/01 C - RECORDABLE

EXAMINED FROM HOT LEG MANWAY CLOCKWISE LOOKING DOWN FROM 288" TO HOT LEG MANWAY CL (0"). INDICATION IDENTIFIED WAS EVALUATED AS ACCEPTABLE TO IWB-3510-1.

WELDS

Zone
CPL-105B

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
105B/CLB01THRU CLB016 5379-1971 Sht. 1 RC 2005 SG-C	COLD LEG MANWAY BOLTING 1 B-G-2 B7.30	N/A N/A N/A	N/A N/A	86 Code VIS VT-1	NDEP-611 N/A 3/27/01 A - NO INDICATIONS
105B/HLB01THRU HLB016 5379-1971 Sht. 1 RC 2005 SG-C	HOT LEG MANWAY BOLTING 1 B-G-2 B7.30	N/A N/A N/A	N/A N/A	86 Code VIS VT-1	NDEP-611 N/A 3/27/01 A - NO INDICATIONS
105B/INLET 5379-1971 Sht. 1 RC 2005 29-RC-1 EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #12.	S/G "C" HOT LEG NOZZLE INNER RADIUS 1 B-D B3.140	N/A N/A N/A	N/A N/A	86 Code VIS VT	HBR-VT-86-3 N/A 4/26/01 A - NO INDICATIONS
105B/OUTLET 5379-1971 Sht. 1 RC 2005 31-RC-4 EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #12.	S/G "C" COLD LEG NOZZLE INNER RADIUS 1 B-D B3.140	N/A N/A N/A	N/A N/A	86 Code VIS VT	HBR-VT-86-3 N/A 4/26/01 A - NO INDICATIONS

WELDS

**Zone
CPL-107**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
107/01 5379-1971 Sht. 1 RC 2005 29-RC-3	HOT LEG "A" SAFE END TO PIPE 1 B-J B9.11	29" N/A	RV-5 N/A	86 Code VOL UT 2.60"	ISwT Project 00-0133 100% 4/21/01 A - NO INDICATIONS
107/01DM 5379-1971 Sht. 1 RC 2005 29-RC-3	HOT LEG "A" NOZZLE TO SAFE END 1 B-F B5.10	29" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/21/01 A - NO INDICATIONS
107/01DM 5379-1971 Sht. 1 RC 2005 29-RC-3 EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #32 IN LEIU OF LIQUID PENETRANT SURFACE EXAMINATION	HOT LEG "A" NOZZLE TO SAFE END 1 B-F B5.10	29" N/A 2.60"	N/A N/A	86 Code VIS VT-2	HBR-VT-86-2 N/A 4/9/01 A - NO INDICATIONS
107/14 5379-1971 Sht. 1 RC 2005 27.5-RC-9	COLD LEG "A" ELBOW TO SAFE END 1 B-J B9.11	27.50" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/22/01 A - NO INDICATIONS
107/14DM 5379-1971 Sht. 1 RC 2005 27.5-RC-9	COLD LEG "A" SAFE END TO COLD LEG NOZZLE 1 B-F B5.10	27.50" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/22/01 A - NO INDICATIONS
107/14DM 5379-1971 Sht. 1 RC 2005 27.5-RC-9 EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #32 IN LEIU OF LIQUID PENETRANT SURFACE EXAMINATION	COLD LEG "A" SAFE END TO COLD LEG NOZZLE 1 B-F B5.10	27.50" N/A 2.60"	N/A N/A	86 Code VIS VT-2	HBR-VT-86-2 N/A 4/9/01 A - NO INDICATIONS

WELDS

Zone
CPL-107A

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
107A/01 5379-1971 Sht. 1 RC 2005 29-RC-2	HOT LEG "B" SAFE END TO PIPE 1 B-J B9.11	29" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/19/01 A - NO INDICATIONS
107A/01DM 5379-1971 Sht. 1 RC 2005 29-RC-2	HOT LEG "B" NOZZLE TO SAFE END 1 B-F B5.10	29" N/A 2.60"	CPL-65A N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/20/01 C - RECORDABLE INDICATION
TWO RECORDABLE INDICATION EVALUATED TO ASME SECTION XI - ACCEPTABLE INDICATION - SEE ISWT FINAL REPORT FOR DETAILS.					
107A/01DM 5379-1971 Sht. 1 RC 2005 29-RC-2	HOT LEG "B" NOZZLE TO SAFE END 1 B-F B5.10	29" N/A 2.60"	N/A N/A	86 Code VIS VT-2	HBR-VT-86-2 N/A 4/9/01 A - NO INDICATIONS
EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #32 IN LEIU OF LIQUID PENETRANT SURFACE EXAMINATION					
107A/14 5379-1971 Sht. 1 RC 2005 27.5-RC-8	COLD LEG "B" ELBOW TO SAFE END 1 B-J B9.11	27.50" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/20/01 A - NO INDICATIONS
107A/14DM 5379-1971 Sht. 1 RC 2005 27.5-RC-8	COLD LEG "B" SAFE END TO COLD LEG NOZZLE 1 B-F B5.10	27.50" N/A 2.60"	CPL-65A N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/20/01 A - NO INDICATIONS
107A/14DM 5379-1971 Sht. 1 RC 2005 27.5-RC-8	COLD LEG "B" SAFE END TO COLD LEG NOZZLE 1 B-F B5.10	27.50" N/A 2.60"	N/A N/A	86 Code VIS VT-2	HBR-VT-86-2 N/A 4/9/01 A - NO INDICATIONS
EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #32 IN LEIU OF LIQUID PENETRANT EXAMINATION					

WELDS

**Zone
CPL-107B**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
107B/01 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" SAFE END TO PIPE 1 B-J B9.11	29" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/20/01 A - NO INDICATIONS
107B/01DM 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" NOZZLE TO SAFE END 1 B-F B5.10	29" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/20/01 A - NO INDICATIONS
107B/01DM 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" NOZZLE TO SAFE END 1 B-F B5.10	29" N/A 2.60"	N/A N/A	86 Code VIS VT-2	HBR-VT-86-2 N/A 4/9/01 A - NO INDICATIONS
EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #32 IN LEIU OF LIQUID PENETRANT SURFACE EXAMINATION					
107B/04 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" ELBOW TO SAFE END 1 B-J B9.11	29" N/A 2.60"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS
107B/04 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" ELBOW TO SAFE END 1 B-J B9.11	29" N/A 2.60"	CPL-65A N/A	86 Code VOL UT	HBR-UT-86-1 62.57% 4/20/01 *A - NO INDICATIONS
107B/04DM 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" SAFE END TO HOT LEG NOZZLE 1 B-F B5.70	29" N/A 2.60"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS
107B/04DM 5379-1971 Sht. 1 RC 2005 29-RC-1	HOT LEG "C" SAFE END TO HOT LEG NOZZLE 1 B-F B5.70	29" N/A 2.60"	CPL-65A N/A	86 Code VOL UT	HBR-UT-86-1 60.35% 4/20/01 *A - NO INDICATIONS
107B/05 5379-1971 Sht. 1 RC 2005 31-RC-4	CROSSOVER LEG "C" SAFE END TO ELBOW 1 B-J B9.11	31" N/A 3.383"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

Zone
CPL-107B

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
107B/05 5379-1971 Sht. 1 RC 2005 31-RC-4	CROSSOVER LEG "C" SAFE END TO ELBOW 1 B-J B9.11	31" N/A 3.383"	CPL-66A N/A	86 Code VOL UT	HBR-UT-86-1 66.23% 4/20/01 *A - NO INDICATIONS
107B/05DM 5379-1971 Sht. 1 RC 2005 31-RC-4	CROSSOVER LEG "C" S/G NOZZLE TO SAFE END 1 B-F B5.70	31" N/A 3.383"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS
107B/05DM 5379-1971 Sht. 1 RC 2005 31-RC-4	CROSSOVER LEG "C" S/G NOZZLE TO SAFE END 1 B-F B5.70	31" N/A 3.383"	CPL-66A N/A	86 Code VOL UT	HBR-UT-86-1 60.52% 4/20/01 *A - NO INDICATIONS
107B/06 5379-1971 Sht. 1 RC 2005 31-RC-4	CROSSOVER LEG "C" ELBOW TO PIPE 1 B-J B9.11	31" N/A 3.383"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS
107B/06 5379-1971 Sht. 1 RC 2005 31-RC-4	CROSSOVER LEG "C" ELBOW TO PIPE 1 B-J B9.11	31" N/A 3.383"	CPL-66A N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/20/01 A - NO INDICATIONS
107B/11 5379-1971 Sht. 1 RC 2005 27.5-RC-7	COLD LEG "C" PUMP TO PIPE 1 B-J B9.11	27.50" N/A 2.60"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS
107B/11 5379-1971 Sht. 1 RC 2005 27.5-RC-7	COLD LEG "C" PUMP TO PIPE 1 B-J B9.11	27.50" N/A 2.60"	CPL-65A N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/20/01 *A - NO INDICATIONS
107B/14 5379-1971 Sht. 1 RC 2005 27.5-RC-7	COLD LEG "C" ELBOW TO SAFE END 1 B-J B9.11	27.50" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/20/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

**Zone
CPL-107B**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
107B/14DM 5379-1971 Sht. 1 RC 2005 27.5-RC-7	COLD LEG "C" SAFE END TO COLD LEG NOZZLE 1 B-F B5.10	27.50" N/A 2.60"	RV-5 N/A	86 Code VOL UT	ISwT Project 00-0133 100% 4/21/01 C – RECORDABLE INDICATION
RECORDABLE INDICATION EVALUATED TO ASEM SECTION XI – ACCEPTABLE INDICATION – SEE ISwT FINAL REPORT FOR DETAILS.					
107B/14DM 5379-1971 Sht. 1 RC 2005 27.5-RC-7	COLD LEG "C" SAFE END TO COLD LEG NOZZLE 1 B-F B5.10	27.50" N/A 2.60"	N/A N/A	86 Code VIS VT-2	HBR-VT-86-2 N/A 4/9/01 A - NO INDICATIONS
EXAMINED IN ACCORDANCE WITH RELIEF REQUEST #32 IN LEIU OF LIQUID PENETRANT EXAMINATION					

WELDS

Zone	Component ID P & ID System	System #	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-108	108/01BC 5379-1971 Sht. 1 RC 2005 12-RC-10		PIPE TO 12" BRANCH CONNECTION 1 B-J B9.31	12" 140 1.125"	CPL-73 N/A	86 Code VOL UT	HBR-UT-86-1 57.50% 4/30/01 *A - NO INDICATIONS

SUPPORTS

Zone	Component ID System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
CPL-108	108/E RC 2005	SPRING CAN HANGER F-A F1.10	C 12-RC-10	RC-10-H2 2580 2730	86 Code VIS VT-3	HBR-VT-86-3 4/20/01 A - NO INDICATIONS
	108/F RC 2005	SPRING CAN HANGER F-A F1.10	C 12-RC-10	RC-10-H1 3434 3584	86 Code VIS VT-3	HBR-VT-86-3 4/20/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

**Zone
CPL-109**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
109/08 5379-1484 Sht. 1 RHR 2045 14-AC-229	PIPE TO ELBOW 1 B-J B9.11	14" 140 1.250"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 B - NON RECORDABLE
109/08 5379-1484 Sht. 1 RHR 2045 14-AC-229	PIPE TO ELBOW 1 B-J B9.11	14" 140 1.250"	CPL-36 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/26/01 A - NO INDICATIONS

SUPPORTS

**Zone
CPL-109**

Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
109/A RHR 2045	SPRING CAN HANGER F-A F1.10	C 14-AC-229	GRINNELL 2171 2115	86 Code VIS VT-3	HBR-VT-86-3 4/24/01 C - RECORDABLE INDICATIONS

SPRING CAN WAS OUTSIDE OF THE COLD SETTING ACCEPTANCE RANGE BY 81LBS. ACCEPTABLE AS IS (EVALUATION WILL BE DOCUMENTED IN ESR 99-00216 AI#34), NO OPERABILITY CONCERN, NO FURTHER ACTION REQUIRED.

WELDS

**Zone
CPL-110**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam
110/10 5379-1082 Sht. 4 SI 2080 10-SI-47	ELBOW TO PIPE 1 B-J B9.11	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/23/01 A - NO INDICATIONS
110/10 5379-1082 Sht. 4 SI 2080 10-SI-47 ID GEOMETRY IDENTIFIED	ELBOW TO PIPE 1 B-J B9.11	10" 140 1.000"	CPL-32 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/22/01 A - NO INDICATIONS
110/10A 5379-1082 Sht. 4 SI 2080 10-SI-47	PIPE TO PIPE 1 B-J B9.11	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/23/01 A - NO INDICATIONS
110/10A 5379-1082 Sht. 4 SI 2080 10-SI-47	PIPE TO PIPE 1 B-J B9.11	10" 140 1.000"	CPL-32 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/23/01 A - NO INDICATIONS
110/16 5379-1082 Sht. 4 SI 2080 10-SI-47	PIPE TO ELBOW 1 B-J B9.11	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/23/01 A - NO INDICATIONS
110/16 5379-1082 Sht. 4 SI 2080 10-SI-47	PIPE TO ELBOW 1 B-J B9.11	10" 140 1.000"	CPL-32 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/23/01 A - NO INDICATIONS

SUPPORTS**Zone
CPL-110**

Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
110/F-WS SI 2080	WELDED BOX RESTRAINT F-A F1.10	B 10-SI-47	AB-CAR-SI-2-3434 0 0	86 Code VIS VT-3	HBR-VT-86-3 4/22/01 A - NO INDICATIONS
110/G-WS SI 2080	SPRING CAN HANGER F-A F1.10	C 10-SI-47	GRINNELL 3648 3348	86 Code VIS VT-3	HBR-VT-86-3 4/22/01 A - NO INDICATIONS

WELDS

Zone
CPL-111

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
111/14 5379-1082 Sht. 4 SI 2080 10-SI-48	PIPE TO ELBOW 1 B-J B9.11	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
111/14 5379-1082 Sht. 4 SI 2080 10-SI-48	PIPE TO ELBOW 1 B-J B9.11	10" 140 1.000"	CPL-32 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/26/01 A - NO INDICATIONS

WELDS

Zone
CPL-112

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
112/01BC 5379-1971 Sht. 1 RC 2005 27.5-RC-7	PIPE TO 10" BRANCH CONNECTION 1 B-J B9.31	10" 140 1.000"	CPL-73 N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/30/01 *A - NO INDICATIONS
112/13A 5379-1082 Sht. 4 SI 2080 10-SI-54	PIPE TO PIPE 1 B-J B9.11	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
112/13A 5379-1082 Sht. 4 SI 2080 10-SI-54	PIPE TO PIPE 1 B-J B9.11	10" 140 1.000"	CPL-32 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/30/01 A - NO INDICATIONS
112/19 5379-1082 Sht. 4 SI 2080 10-SI-54	ELBOW TO 10" X10 X 8" TEE 1 B-J B9.11	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/22/01 A - NO INDICATIONS
112/19 5379-1082 Sht. 4 SI 2080 10-SI-54	ELBOW TO 10" X10 X 8" TEE 1 B-J B9.11	10" 140 1.000"	CPL-32 N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/19/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

SUPPORTS

**Zone
CPL-112**

Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
112/B-WS SI 2080	WELDED SPRING SUPPORT F-A F1.10	C 10-SI-54	GRINNELL 3706 3806	86 Code VIS VT-3	HBR-VT-86-3 4/18/01 C - RECORDABLE INDICATION

SPRING CAN NOT CENTERED ON SUPPORT PLATE, BORIC ACID RESIDUE ON FLOOR PLATE, ANCHOR BOLTS AND ON SPRING CAN SUPPORT CYLINDER. THE CONDITIONS WERE ACCEPTABLE AS IS FOR THE SUPPORT CENTERING (EVALUATION WILL BE DOCUMENTED IN ESR 99-00216 AI#35). BORIC ACID WAS REMOVED FROM THE AREAS OF THE SPRING CAN SUPPORT UNDER WR 00016444 AS A MINOR WORK REQUEST, NO RE-EXAM REQUIRED.

WELDS

**Zone
CPL-113**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
113/01 5379-1082 Sht. 4 SI 2080 8-SI-37	10" X 8" REDUCER TO VALVE SI-876A 1 B-J B9.11	8" 120 0.719"	CPL-28 N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
113/01 5379-1082 Sht. 4 SI 2080 8-SI-37	10" X 8" REDUCER TO VALVE SI-876A 1 B-J B9.11	8" 120 0.719"	CPL-28 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS

WELDS

Zone	Component ID P & ID	Description Code Class	Diameter Pipe Sch	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-114	System System # Line # Comments	Category Item #	Nom "t"			
	114/SI-876B 5379-1082 Sht. 4 SI 2080 8-SI-37	VALVE SI-876B BODY INTERNALS 1 B-M-2 B12.50	8" 120 0	N/A N/A	86 Code VIS VT-3	NDEP-613 N/A 4/27/01 A - NO INDICATIONS

SUPPORTS

Zone	Component ID System	Description Category	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
CPL-114	System # Comments	Item #				
	114/A-WS SI 2080	WELDED BOX RESTRAINT F-A F1.10	B 8-SI-38	AB-CAR-SI-2-343 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/24/01 A - NO INDICATIONS

WELDS

Zone
CPL-116

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
116/10 5379-1971 Sht. 2 RC 2005 4-RC-29	ELBOW TO PIPE 1 B-J B9.11	4" 160 0.531"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
116/10 5379-1971 Sht. 2 RC 2005 4-RC-29	ELBOW TO PIPE 1 B-J B9.11	4" 160 0.531"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS
116/141 5379-1971 Sht. 2 RC 2005 4-RC-29	PIPE TO ELBOW 1 B-J B9.11	4" 160 0.531"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/21/01 A - NO INDICATIONS
116/141 5379-1971 Sht. 2 RC 2005 4-RC-29	PIPE TO ELBOW 1 B-J B9.11	4" 160 0.531"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS

WELDS

Zone	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam
CPL-116A	116A/142 5379-1971 Sht. 2 RC 2005 4-RC-28	ELBOW TO PIPE 1 B-J B9.11	4" 160 0.531"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/21/01 A - NO INDICATIONS
	116A/142 5379-1971 Sht. 2 RC 2005 4-RC-28	ELBOW TO PIPE 1 B-J B9.11	4" 160 0.531"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS

SUPPORTS

Zone	Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
CPL-116A	116A/W RC 2005	OPEN BOX RESTRAINT F-A F1.10	B 4-RC-28	RC-3-1572 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/28/01 C - RECORDABLE INDICATIONS
	116A/W RC 2005	OPEN BOX RESTRAINT F-A F1.10	B 4-RC-28	RC-3-1572 N/A N/A	86 Code VIS VT-3	NDEP 613 5/4/01 A - NO INDICATIONS

LOOSE NUT IDENTIFIED ON U-BOLT. THE CONDITION IS ACCEPTABLE AS IS (EVALUATION WILL BE DOCUMENTED IN ESR 99-00216 AI# 36), NO OPERABILITY CONCERN, HOWEVER, A WORK REQUEST (00016140) WAS INITIATED, THE BOLTING WAS TIGHTENED UNDER WORK ORDER 142843 01 AND RE-EXAMINED.

RE-EXAMINED AFTER REWORK.

WELDS

**Zone
CPL-116B**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
116B/161 5379-1971 Sht. 2 RC 2005 4-RC-30	PIPE TO PIPE 1 B-J B9.11	4" 160 0.531"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
116B/161 5379-1971 Sht. 2 RC 2005 4-RC-30	PIPE TO PIPE 1 B-J B9.11	4" 160 0.531"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS
116B/18 5379-1971 Sht. 2 RC 2005 4-RC-30	ELBOW TO PIPE 1 B-J B9.11	4" 160 0.531"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/27/01 A - NO INDICATIONS
116B/18 5379-1971 Sht. 2 RC 2005 4-RC-30	ELBOW TO PIPE 1 B-J B9.11	4" 160 0.531"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/29/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

Zone
CPL-118A

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
118A/01 5379-1971 Sht. 2 RC 2005 4-RC-43	SAFE END TO PIPE 1 B-J B9.11	4" 120 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
118A/01 5379-1971 Sht. 2 RC 2005 4-RC-43	SAFE END TO PIPE 1 B-J B9.11	4" 120 0.438"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/28/01 *A - NO INDICATIONS
118A/01DM 5379-1971 Sht. 2 RC 2005 4-RC-43	PZR SAFETY NOZZLE TO SAFE END 1 B-F B5.40	4" 120 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
118A/01DM 5379-1971 Sht. 2 RC 2005 4-RC-43	PZR SAFETY NOZZLE TO SAFE END 1 B-F B5.40	4" 120 0.438"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

Zone
CPL-118B

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
118B/01 5379-1971 Sht. 2 RC 2005 4-RC-45	SAFE END TO PIPE 1 B-J B9.11	4" 120 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/27/01 A - NO INDICATIONS
118B/01 5379-1971 Sht. 2 RC 2005 4-RC-45	SAFE END TO PIPE 1 B-J B9.11	4" 120 0.438"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS
118B/01DM 5379-1971 Sht. 2 RC 2005 4-RC-45	PZR SAFETY NOZZLE TO SAFE END 1 B-F B5.40	4" 120 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/27/01 A - NO INDICATIONS
118B/01DM 5379-1971 Sht. 2 RC 2005 4-RC-45	PZR SAFETY NOZZLE TO SAFE END 1 B-F B5.40	4" 120 0.438"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS
118B/08 5379-1971 Sht. 2 RC 2005 4-RC-45	ELBOW TO FLANGE 1 B-J B9.11	4" 120 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/27/01 A - NO INDICATIONS
118B/08 5379-1971 Sht. 2 RC 2005 4-RC-45	ELBOW TO FLANGE 1 B-J B9.11	4" 120 0.438"	CPL-24 N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/28/01 *A - NO INDICATIONS
118B/RC-551C(FB) 5379-1971 Sht. 2 RC 2005 4-RC-45	VALVE RC-551C VALVE FLANGE BOLTING 1 B-G-2 B7.70	N/A N/A N/A	N/A N/A	86 Code VIS VT-1	NDEP-611 N/A 2/7/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

Zone
CPL-120

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
120/1BC 5379-1971 Sht. 1 RC 2005 3-RC-77	PIPE TO 3" BRANCH CONNECTION 1 B-J B9.32	3" 120 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/29/01 A - NO INDICATIONS

WELDS

Zone
CPL-121

Component ID	Description	Cal Std 1	Exam Required	Procedure
P & ID	Code Class	Cal Std 2	Exam Method	% CRV
System	Category	Diameter	Exam Type	Exam Date
System #	Item #	Pipe Sch		Exam Results
Line #		Nom "t"		
Comments				
121/01	BRANCH CONNECTION TO CAP		86 Code	HBR-PT-86-1
5379-1971 Sht. 1	1	3"	SUR	100%
RC 2005	B-J	120	PT	4/23/01
31-RC-4	B9.21	0.438"		A - NO INDICATIONS

WELDS

Zone
CPL-122

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
122/002 5379-685 Sht. 1 CVCS 2060 3-CH-15	PIPE TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
122/003 5379-685 Sht. 1 CVCS 2060 3-CH-15	PIPE TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
122/16 5379-685 Sht. 1 CVCS 2060 3-CH-15	PIPE TO ELBOW 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
122/17 5379-685 Sht. 1 CVCS 2060 3-CH-15	ELBOW TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS

WELDS**Zone
CPL-122A**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
122A/33 5379-685 Sht. 1 CVCS 2060 3-CH-15	PIPE TO ELBOW 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
122A/34 5379-685 Sht. 1 CVCS 2060 3-CH-15	ELBOW TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

WELDS

**Zone
CPL-123**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
123/63 5379-685 Sht. 1 CVCS 2060 3-CH-14	ELBOW TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 B - NON RECORDABLE
123/64 5379-685 Sht. 1 CVCS 2060 3-CH-14	ELBOW TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

WELDS

Zone	Component ID P & ID System	System #	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-123A	123A/35		PIPE TO ELBOW				
	5379-685 Sht. 1		1	3"	N/A	86 Code	HBR-PT-86-1
	CVCS 2060		B-J	160	N/A	SUR	100%
	3-CH-15A		B9.21	0.438"		PT	4/24/01 A - NO INDICATIONS
CPL-123A	123A/35A		ELBOW TO PIPE				
	5379-685 Sht. 1		1	3"	N/A	86 Code	HBR-PT-86-1
	CVCS 2060		B-J	160	N/A	SUR	100%
	3-CH-15A		B9.21	0.438"		PT	4/24/01 A - NO INDICATIONS
CPL-123A	123A/36		PIPE TO 3" X 2" REDUCER				
	5379-685 Sht. 1		1	3"	N/A	86 Code	HBR-PT-86-1
	CVCS 2060		B-J	160	N/A	SUR	100%
	3-CH-15A		B9.21	0.438"		PT	4/24/01 A - NO INDICATIONS
CPL-123A	123A/36A		3" X 2" REDUCER TO VALVE CVC-310B				
	5379-685 Sht. 1		1	3"	N/A	86 Code	HBR-PT-86-1
	CVCS 2060		B-J	160	N/A	SUR	100%
	3-CH-15A		B9.40	0.438"		PT	4/24/01 A - NO INDICATIONS

SUPPORTS

Zone	Component ID System	System #	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
CPL-123A	123A/W		TRAPEEZE		SK-1104-C-1175	86 Code	HBR-VT-86-3
	CVCS 2060		F-A F1.10	A 3-CH-15A	N/A N/A	VIS VT-3	4/24/01 C - RECORDABLE INDICATIONS
<p>THREADED ROD IS BENT 1/4". ACCEPTABLE AS IS (EVALUATION WILL BE DOCUMENTED IN ESR 99-00216 AI# 37), NO FURTHER ACTION REQUIRED.</p>							
CPL-123A	123A/Z		SPRING HANGER		GRINNELL	86 Code	HBR-VT-86-3
	CVCS 2060		F-A F1.10	C 3-CH-15A	169 160	VIS VT-3	4/24/01 A - NO INDICATIONS

WELDS

**Zone
CPL-124**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
124/08 5379-685 Sht. 1 CVCS 2060 3-CH-15A	PIPE TO ELBOW 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/21/01 A - NO INDICATIONS
124/09 5379-685 Sht. 1 CVCS 2060 3-CH-15A	ELBOW TO PIPE 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/21/01 A - NO INDICATIONS
124/10 5379-685 Sht. 1 CVCS 2060 3-CH-15A	PIPE TO ELBOW 1 B-J B9.21	3" 160 0.438"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

SUPPORTS

**Zone
CPL-124**

Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
124/K CVCS 2060	TRAPEEZE ROD HANGER F-A F1.10	B 3-CH-15A	SK-1104-C-1191 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/24/01 A - NO INDICATIONS
124/L CVCS 2060	TRAPEEZE ROD HANGER F-A F1.10	B 3-CH-15A	CALC SKETCH N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/24/01 A - NO INDICATIONS

WELDS

Zone
CPL-125

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam
125/05 5379-1971 Sht. 1 RC 2005 2-RC-17	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
125/37 5379-685 Sht. 1 CVCS 2060 2-CH-17	PIPE TO COUPLING 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
125/38 5379-685 Sht. 1 CVCS 2060 2-CH-17	COUPLING TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
125/47 5379-685 Sht. 1 CVCS 2060 2-CH-17	VALVE CVC-474 TO PIPE 1 B-J B9.21	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS

WELDS

Zone
CPL-126

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
126/07 5379-1971 Sht. 1 RC 2005 2-RC-40	PIPE TO VALVE RC-505B 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS

WELDS**Zone
CPL-127**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
127/05 5379-1971 Sht. 1 RC 2005 2-RC-39	PIPE TO 2" TEE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS

WELDS

Zone
CPL-128

Component ID
P & ID
System **System #**
Line #
Comments

Description
Code Class
Category
Item #

Diameter
Pipe Sch
Nom "t"

Cal Std 1
Cal Std 2

Exam Required
Exam Method
Exam Type

Procedure
% CRV
Exam Date
Exam Results

128/06A
5379-1971 Sht. 1
RC 2005
2-RC-38

PIPE TO 2" TEE
1
B-J
B9.40

2"
160
0.344"

N/A
N/A

86 Code
SUR
PT

HBR-PT-86-1
100%
4/19/01
A - NO INDICATIONS

WELDS

Zone
CPL-131

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
131/03 5379-1082 Sht. 4 SI 2080 2-SI-65	PIPE TO VALVE SI-873D 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/19/01 A - NO INDICATIONS

WELDS

Zone
CPL-132

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
132/01A 5379-685 Sht. 1 CVCS 2060 2-CH-8C	PIPE TO FLANGE # 1 1 B-J B9.40	1.5" 160 0.281"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
132/15A 5379-685 Sht. 1 CVCS 2060 2-CH-8C	PIPE TO 2" TEE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
132/15B 5379-685 Sht. 1 CVCS 2060 2-CH-8C	2" TEE TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS

WELDS

Zone
CPL-134

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
134/10 5379-685 Sht. 1 CVCS 2060 2-CH-8A	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/11 5379-685 Sht. 1 CVCS 2060 2-CH-8A	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/12 5379-685 Sht. 1 CVCS 2060 2-CH-8A	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/12A 5379-685 Sht. 1 CVCS 2060 2-CH-8A	PIPE TO COUPLING 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/12B 5379-685 Sht. 1 CVCS 2060 2-CH-8A	COUPLING TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/16A 5379-685 Sht. 1 CVCS 2060 2-CH-8A	PIPE TO 2" TEE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/16B 5379-685 Sht. 1 CVCS 2060 2-CH-8A	2" TEE TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS

WELDS

Zone
CPL-134

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
134/17 5379-685 Sht. 1 CVCS 2060 2-CH-8A	PIPE TO COUPLING 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/18 5379-685 Sht. 1 CVCS 2060 2-CH-8A	COUPLING TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
134/19 5379-685 Sht. 1 CVCS 2060 2-CH-8A	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
134/20 5379-685 Sht. 1 CVCS 2060 2-CH-8A	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
134/21 5379-685 Sht. 1 CVCS 2060 2-CH-8A	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
134/FLG1(FB) 5379-685 Sht. 1 CVCS 2060 2-CH-8A EXAMINED IN PLACE UNDER TENSION	FLANGE #1 BOLTING 1 B-G-2 B7.50	N/A 160 N/A	N/A N/A	86 Code VIS VT-1	HBR-VT-86-1 N/A 4/15/01 A - NO INDICATIONS

WELDSZone
CPL-138

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
138/01 5379-1971 Sht. 1 RC 2005 2-RC-80	2" BRANCH CONNECTION TO 1 1/2" REDUCING INSERT 1 B-J B9.40	1.5" 160 0.281"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 5/1/01 A - NO INDICATIONS
138/01BC 5379-1971 Sht. 1 RC 2005 2-RC-80	2" BRANCH CONNECTION 1 B-J B9.32	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 5/1/01 A - NO INDICATIONS

WELDS

Zone
CPL-141

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
141/13 5379-1082 Sht. 4 SI 2080 2-SI-56	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
141/14 5379-1082 Sht. 4 SI 2080 2-SI-56	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
141/18C 5379-1082 Sht. 4 SI 2080 2-SI-56	PIPE TO COUPLING 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
141/18D 5379-1082 Sht. 4 SI 2080 2-SI-56	COUPLING TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
141/18E 5379-1082 Sht. 4 SI 2080 2-SI-56	PIPE TO COUPLING 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

SUPPORTS**Zone
CPL-141**

Component ID System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
141/F-WS SI 2080	WELDED BOX RESTRAINT F-A F1.10	B 2-SI-56	AB-CAR-SI-1-37 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/20/01 A - NO INDICATIONS
141/K SI 2080	U-BOLT RESTRAINT F-A F1.10	B 2-SI-56	AB-CAR-SI-1-28 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/20/01 A - NO INDICATIONS
141/O-WS SI 2080	WELDED U-BOLT RESTRAINT F-A F1.10	B 2-SI-56	AB-CAR-SI-1-20 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/20/01 A - NO INDICATIONS

WELDS

Zone
CPL-142

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
142/04 5379-1971 Sht. 1 RC 2005 2-RC-18	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
142/10 5379-1082 Sht. 4 SI 2080 2-SI-57	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 B - NON RECORDABLE
142/11 5379-1082 Sht. 4 SI 2080 2-SI-57	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS
142/12 5379-1082 Sht. 4 SI 2080 2-SI-57	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/12/01 A - NO INDICATIONS

SUPPORTS

Zone
CPL-142

Component ID System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
142/E SI 2080	CLOSED BOX RESTRAINT F-A F1.10	B 2-SI-57	AB-CAR-SI-1-681 0 0	86 Code VIS VT-3	HBR-VT-86-3 4/15/01 A - NO INDICATIONS

WELDS

Zone
CPL-143

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
143/20 5379-685 Sht. 1 CVCS 2060 2-CH-15B	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
143/21 5379-685 Sht. 1 CVCS 2060 2-CH-15B	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
143/22 5379-685 Sht. 1 CVCS 2060 2-CH-15B	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
143/23 5379-685 Sht. 1 CVCS 2060 2-CH-15B	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/20/01 A - NO INDICATIONS
143/36C 5379-685 Sht. 1 CVCS 2060 2-CH-15B	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
143/37 5379-685 Sht. 1 CVCS 2060 2-CH-15B	PIPE TO ELBOW 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS
143/37A 5379-685 Sht. 1 CVCS 2060 2-CH-15B	ELBOW TO PIPE 1 B-J B9.40	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/15/01 A - NO INDICATIONS

WELDS

Zone	Component ID P & ID System	System #	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-143	143/CVC-311(B) 5379-685 Sht. 1 CVCS 2060 2-CH-15B EXAMINED IN PLACE UNDER TENSION		VALVE CVC-311 BOLTING 1 B-G-2 B7.70	<1" N/A N/A	N/A N/A	86 Code VIS VT-1	HBR-VT-86-1 N/A 4/15/01 A - NO INDICATIONS

SUPPORTS

Zone	Component ID System	System #	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
CPL-143	143/H2-WS CVCS 2060		WELDED BOX RESTRAINT F-A F1.10	B 2-CH-15B	AB-CAR-CH-4-102 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/15/01 A - NO INDICATIONS
	143/J-WS CVCS 2060		WELDED ANCHOR F-A F1.10	B 2-CH-15B	AB-CAR-CH-4-108 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/15/01 A - NO INDICATIONS
	143/S1-WS CVCS 2060		WELDED ANCHOR F-A F1.10	B 2-CH-15B	SK-A-RC-3-127 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/20/01 C - RECORDABLE INDICATIONS
<p>A 1/4" GAP EXISTS BETWEEN THE BASE PLATE AND THE CEILING AND DRAWING DOES NOT MATCH FIELD (ESR 99-00216 AI #33). SUPPORT HAS NO OPERABILITY CONCERNS, ESR 01-00093 INITIATED TO RESTORE SUPPORT TO DESIGN, WORK IMPLEMENTED UNDER WORK ORDER 142647 01.</p>							
	143/S1-WS CVCS 2060 RE-EXAMINED AFTER REWORK.		WELDED ANCHOR F-A F1.10	B 2-CH-15B	SK-A-RC-3-127 N/A N/A	86 Code VIS VT-3	NDEP 613 5/6/01 A - NO INDICATIONS

WELDS

Zone
CPL-144

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
144/A-S01 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 1 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S02 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 2 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S05 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 5 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S08 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 8 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S09 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 9 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S11 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 11 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S13 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 13 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS

WELDS

Zone
CPL-144

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
144/A-S15 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 15 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S16 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 16 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S17 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 17 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S18 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 18 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S19 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 19 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S21 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 21 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/A-S22 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 22 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS

WELDS

**Zone
CPL-144**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
144/A-S24 5379-1971 Sht. 1 RC 2005 RCP-A EXAMINED IN PLACE UNDER TENSION	RCP "A" MAIN FLANGE STD # 24 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/C-S20 5379-1971 Sht. 1 RC 2005 RCP-C EXAMINED IN PLACE UNDER TENSION	RCP "C" MAIN FLANGE STD # 20 1 B-G-1 B6.180	3.5" N/A N/A	CPL-75 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/11/01 A - NO INDICATIONS
144/C-SHB01THRU SHB018 5379-1971 Sht. 1 RC 2005 RCP-C EXAMINED IN PLACE UNDER TENSION	RCP "C" SEAL HOUSE BOLTING 1 B-G-2 B7.60	<1" N/A N/A	N/A N/A	86 Code VIS VT-1	HBR-VT-86-1 100% 4/11/01 A - NO INDICATIONS

SUPPORTS

**Zone
CPL-144**

Component ID System System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
144/C-AWS RC 2005	RCP "C" SUPPORT LEG "A" F-A F1.40	B RCP-C	HBR2-10618/SHT 56 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/11/01 A - NO INDICATIONS
144/C-BWS RC 2005	RCP "C" SUPPORT LEG "B" F-A F1.40	B RCP-C	HBR2-10618/SHT 56 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/11/01 A - NO INDICATIONS
144/C-CWS RC 2005	RCP "C" SUPPORT LEG "C" F-A F1.40	B RCP-C	HBR2-10618/SHT 56 N/A N/A	86 Code VIS VT-3	HBR-VT-86-3 4/11/01 A - NO INDICATIONS

WELDS

Zone
CPL-144A

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
144A/C-EXT 5379-1971 RC 2005 RCP-C	RCP "C" PUMP EXTERIOR 1 B-L-1 B12.10	N/A N/A N/A	N/A N/A	86 Code VIS VT-1	HBR-VT-86-1 100% 4/11/01 A - NO INDICATIONS

EXAMINED IN ACCORDANCE WITH CODE CASE - N 481.

WELDS

Zone
CPL-202

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
202/WS-3 5379-1082 Sht. 1 SI 2080 BIT	INTEGRAL ATTACHMENT 2 C-C C3.10	0 N/A 0	N/A N/A	86 Code SUR PT	HBR-PT-86-1 88.02% 4/8/01 *A - NO INDICATIONS
202/WS-4 5379-1082 Sht. 1 SI 2080 BIT	INTEGRAL ATTACHMENT 2 C-C C3.10	0 N/A 0	N/A N/A	86 Code SUR PT	HBR-PT-86-1 88.02% 4/8/01 *A - NO INDICATIONS
202/01 5379-1082 Sht. 1 SI 2080 BIT	BORON INJECTION TANK SHELL TO LOWER HEAD WELD 2 C-A C1.20	N/A N/A 2.006"	CPL-47A N/A	86 Code VOL UT	HBR-UT-86-5 83.49% 4/27/01 *A - NO INDICATIONS
202/02 5379-1082 Sht. 1 SI 2080 BIT	BORON INJECTION TANK SHELL TO UPPER HEAD WELD 2 C-A C1.20	N/A N/A 2.006"	CPL-47A N/A	86 Code VOL UT	HBR-UT-86-5 88.94% 4/27/01 *A - NO INDICATIONS
202/03 5379-1082 Sht. 1 SI 2080 BIT	BORON INJECTION TANK LOWER HEAD TO DOME WELD 2 C-B C2.21	N/A N/A 2.006"	CPL-47A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/8/01 A - NO INDICATIONS
202/03 5379-1082 Sht. 1 SI 2080 BIT	BORON INJECTION TANK LOWER HEAD TO DOME WELD 2 C-B C2.21	N/A N/A 2.006"	CPL-47A N/A	86 Code VOL UT	HBR-UT-86-5 74.02% 4/26/01 *A - NO INDICATIONS
202/04 5379-1082 Sht. 1 SI 2080 BIT	BORON INJECTION TANK UPPER HEAD TO DOME WELD 2 C-B C2.21	N/A N/A 2.006"	CPL-47A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/8/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

Zone CPL-202	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
	202/04 5379-1082 Sht. 1 SI 2080 BIT	BORON INJECTION TANK UPPER HEAD TO DOME WELD 2 C-B C2.21	N/A N/A 2.006"	CPL-47A N/A	86 Code VOL UT	HBR-UT-86-5 84.00% 4/26/01 *A - NO INDICATIONS
	202/B11 THRU B16 5379-1082 Sht. 1 SI 2080 BIT EXAMINED IN PLACE UNDER TENSION	BORON INJECTION TANK MANWAY BOLTING 2 C-D C4.10	N/A N/A N/A	CPL-61 N/A	86 Code VOL UT	HBR-UT-86-8 100% 4/26/01 A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

SUPPORTS

Zone CPL-202	Component ID System System # System # Comments	Description Category Item #	Component Type Line #	Support Sketch Cold Set Hot Set	Exam Required Exam Method Exam Type	Procedure Exam Date Exam Results
	202/WS-3 SI 2080	BORON INJECTION TANK SUPPORT LEG F-A F1.40	B BIT	HBR2-7064 0 0	86 Code VIS VT-3	NDEP-613 4/29/01 C - RECORDABLE INDICATIONS
CRUMBLING GROUT AND DISENGAGED NUT ON BASE SUPPORT LEG. ACCEPTABLE AS IS (EVALUATION WILL BE DOCUMENTED IN ESR 99-00216 A/# 38), HOWEVER, WORK PERFORMED UNDER WORK ORDER 140555 05 TO RESTORE SUPPORT TO DESIGN CONDITION.						
	202/WS-3 SI 2080	BORON INJECTION TANK SUPPORT LEG F-A F1.40	B BIT	HBR2-7064 0 0	86 Code VIS VT-3	NDEP-613 5/4/01 A - NO INDICATIONS
RE-EXAMINED AFTER REWORK.						
	202/WS-4 SI 2080	BORON INJECTION TANK SUPPORT LEG F-A F1.40	B BIT	HBR2-7064 0 0	86 Code VIS VT-3	HBR-VT-86-3 4/26/01 A - NO INDICATIONS

WELDS

Zone
CPL-204

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
204/A03 5379-1484 Sht. 1 RHR 2045 RHR-HTX-A	RHR HX "A" REINFORCING PLATE TELLTALE HOLE 2 C-B C2.33	N/A .875" 0.875	N/A N/A	86 Code VIS VT-2	EST-080 N/A 4/7/01 A - NO INDICATIONS
204/A04 5379-1484 Sht. 1 RHR 2045 RHR-HTX-A	RHR HX "A" REINFORCING PLATE TELLTALE HOLE 2 C-B C2.33	N/A .875" 0.875	N/A N/A	86 Code VIS VT-2	EST-080 N/A 4/7/01 A - NO INDICATIONS
204/B03 5379-1484 Sht. 1 RHR 2045 RHR-HTX-B	RHR HX "B" REINFORCING PLATE TELLTALE HOLE 2 C-B C2.33	N/A .875" 0.875	N/A N/A	86 Code VIS VT-2	EST-080 N/A 4/7/01 A - NO INDICATIONS
204/B04 5379-1484 Sht. 1 RHR 2045 RHR-HTX-B	RHR HX "B" REINFORCING PLATE TELLTALE HOLE 2 C-B C2.33	N/A .875" 0.875	N/A N/A	86 Code VIS VT-2	EST-080 N/A 4/7/01 A - NO INDICATIONS

WELDS

Zone
CPL-205A

Component ID
P & ID
System **System #**
Line #
Comments

Description
Code Class
Category
Item #

Diameter
Pipe Sch
Nom "t"

Cal Std 1
Cal Std 2

Exam Required
Exam Method
Exam Type

Procedure
% CRV
Exam Date
Exam Results

205A/03
G-190197 Sht. 4
S/G-B 3005
S/G-B

LOWER SHELL TO LOWER INTERMEDIATE SHELL
2
C-A
C1.10

0
N/A
0

CPL-50A
N/A

86 Code
VOL
UT

HBR-UT-86-5
100%
4/21/01
A - NO INDICATIONS

WELDS

Zone
CPL-212

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
212/B-WS G-190196 Sht. 1 MS 3020 26-MS-1	INTEGRAL ATTACHMENT 2 C-C C3.20	26" N/A 1.375"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/21/01 A - NO INDICATIONS
212/12 G-190196 Sht. 1 MS 3020 26-MS-1	PIPE TO ELBOW 2 C-F-2 C5.51	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 5/1/01 A - NO INDICATIONS
212/12 G-190196 Sht. 1 MS 3020 26-MS-1	PIPE TO ELBOW 2 C-F-2 C5.51	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 5/1/01 A - NO INDICATIONS
212/12LS G-190196 Sht. 1 MS 3020 26-MS-1	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 5/1/01 A - NO INDICATIONS
212/12LS G-190196 Sht. 1 MS 3020 26-MS-1	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 5/1/01 A - NO INDICATIONS
212/21 G-190196 Sht. 1 MS 3020 26-MS-1	PIPE TO VALVE MS-V1-3A 2 C-F-2 C5.51	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/25/01 A - NO INDICATIONS
212/21 G-190196 Sht. 1 MS 3020 26-MS-1	PIPE TO VALVE MS-V1-3A 2 C-F-2 C5.51	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 75.00% 4/26/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

**Zone
CPL-212**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
212/21LS G-190196 Sht. 1 MS 3020 26-MS-1	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 5/1/01 A - NO INDICATIONS
212/21LS G-190196 Sht. 1 MS 3020 26-MS-1	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/25/01 A - NO INDICATIONS

WELDS

Zone
CPL-213

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
213/08 G-190196 Sht. 1 MS 3020 26-MS-2	PIPE TO ELBOW 2 C-F-2 C5.51	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/24/01 A - NO INDICATIONS
213/08 G-190196 Sht. 1 MS 3020 26-MS-2 ID ROOT GEOMETRY IDENTIFIED.	PIPE TO ELBOW 2 C-F-2 C5.51	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/24/01 A - NO INDICATIONS
213/08LS G-190196 Sht. 1 MS 3020 26-MS-2	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/24/01 A - NO INDICATIONS
213/08LS G-190196 Sht. 1 MS 3020 26-MS-2	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/24/01 A - NO INDICATIONS
213/09 G-190196 Sht. 1 MS 3020 26-MS-2	ELBOW TO PIPE 2 C-F-2 C5.51	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/24/01 A - NO INDICATIONS
213/09 G-190196 Sht. 1 MS 3020 26-MS-2 ID ROOT GEOMETRY IDENTIFIED.	ELBOW TO PIPE 2 C-F-2 C5.51	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/24/01 A - NO INDICATIONS
213/09LS G-190196 Sht. 1 MS 3020 26-MS-2	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/24/01 A - NO INDICATIONS

WELDS

**Zone
CPL-213**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
213/09LS G-190196 Sht. 1 MS 3020 26-MS-2	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/24/01 A - NO INDICATIONS

WELDS

**Zone
CPL-214**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
214/19 G-190196 Sht. 1 MS 3020 26-MS-3	PIPE TO VALVE MS-V1-3C 2 C-F-2 C5.51	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/25/01 A - NO INDICATIONS
214/19 G-190196 Sht. 1 MS 3020 26-MS-3	PIPE TO VALVE MS-V1-3C 2 C-F-2 C5.51	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 75.00% 4/26/01 *A - NO INDICATIONS
214/19LS G-190196 Sht. 1 MS 3020 26-MS-3	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/25/01 A - NO INDICATIONS
214/19LS G-190196 Sht. 1 MS 3020 26-MS-3	LONGSEAM US/DS 2 C-F-2 C5.52	26" N/A 1.042"	CPL-56 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/26/01 A - NO INDICATIONS
214/29BC G-190196 Sht. 1 MS 3020 26-MS-1 NO LONG SEAM IDENTIFIED.	PIPE TO 8" BRANCH CONNECTION 2 C-F-2 C5.81	8" 160 0.906"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/25/01 A - NO INDICATIONS
214/29BC G-190196 Sht. 1 MS 3020 26-MS-1 ID GEOMETRY NOTED	PIPE TO 8" BRANCH CONNECTION 2 C-F-2 C5.81	8" 160 0.906"	CPL-48 N/A	86 Code VOL UT	HBR-UT-86-9 47.40% 4/28/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

**Zone
CPL-214**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
214/30 G-190196 Sht. 1 MS 3020 6-MS-30L NO LONG SEAM FOUND	BRANCH CONNECTION TO VALVE SV1-4C 2 C-F-2 C5.51	8" 160 0.906"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 4/25/01 A - NO INDICATIONS
214/30 G-190196 Sht. 1 MS 3020 6-MS-30L	BRANCH CONNECTION TO VALVE SV1-4C 2 C-F-2 C5.51	8" 160 0.906"	CPL-48 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/26/01 A - NO INDICATIONS

WELDS

**Zone
CPL-217**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
217/12 G-190197 Sht. 4 FW 3050 16-FW-11 NO LONG SEAMS IDENTIFIED AT THIS LOCATION	PIPE TO ELBOW 2 C-F-2 C5.51	16" 100 1.031"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 5/1/01 A - NO INDICATIONS
217/12 G-190197 Sht. 4 FW 3050 16-FW-11 ID GEOMETRY IDENTIFIED 360°	PIPE TO ELBOW 2 C-F-2 C5.51	16" 100 1.031"	CPL-54 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/25/01 A - NO INDICATIONS
217/13A G-190197 Sht. 4 FW 3050 16-FW-11 NO LONG SEAMS IDENTIFIED AT THIS LOCATION	PIPE TO CV PENETRATION P-12 2 C-F-2 C5.52	16" 100 1.031"	N/A N/A	86 Code SUR MT	HBR-MT-86-1 100% 5/1/01 A - NO INDICATIONS
217/13A G-190197 Sht. 4 FW 3050 16-FW-11 ID GEOMETRY IDENTIFIED 360°	PIPE TO CV PENETRATION P-12 2 C-F-2 C5.52	16" 100 1.031"	CPL-54 N/A	86 Code VOL UT	HBR-UT-86-9 100% 4/25/01 A - NO INDICATIONS

WELDS

**Zone
CPL-218**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
218/10 5379-1484 Sht. 1 RHR 2045 14-AC-9	PIPE TO ELBOW 2 C-F-1 C5.11	12" STD 0.375"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
218/10 5379-1484 Sht. 1 RHR 2045 14-AC-9	PIPE TO ELBOW 2 C-F-1 C5.11	12" STD 0.375"	CPL-33 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS
218/10 LS 5379-1484 Sht. 1 RHR 2045 14-AC-9	LONGSEAM US/DS 2 C-F-1 C5.12	12" STD 0.375"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
218/10 LS 5379-1484 Sht. 1 RHR 2045 14-AC-9	LONGSEAM US/DS 2 C-F-1 C5.12	12" STD 0.375"	CPL-33 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/28/01 A - NO INDICATIONS

WELDS

**Zone
CPL-219**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
219/188 5379-1082 Sht. 4 SI 2080 8-SI-38 ID GEOMETRY NOTED	REDUCER TO PIPE 2 C-F-1 C5.11	8" 120 0.719"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/22/01 A - NO INDICATIONS
219/188 5379-1082 Sht. 4 SI 2080 8-SI-38	REDUCER TO PIPE 2 C-F-1 C5.11	8" 120 0.719"	CPL-28 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/22/01 A - NO INDICATIONS
219/188LS 5379-1082 Sht. 4 SI 2080 8-SI-38	LONGSEAM US/DS 2 C-F-1 C5.12	8" 120 0.719"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
219/188LS 5379-1082 Sht. 4 SI 2080 8-SI-38	LONGSEAM US/DS 2 C-F-1 C5.12	8" 120 0.719"	CPL-28 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/25/01 A - NO INDICATIONS
219/744A(1) 5379-1484 Sht. 4 RHR 2045 10-SI-40	V1 RHR-744A 2 C-G C6.20	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/22/01 A - NO INDICATIONS
219/744A(2) 5379-1484 Sht. 4 RHR 2045 10-SI-40	V2 RHR-744A 2 C-G C6.20	10" 140 1.000"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/22/01 A - NO INDICATIONS

WELDS

Zone
CPL-219A

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
219A/203 5379-1082 Sht. 4 SI 2080 8-SI-37	10" X 8" REDUCER TO PIPE 2 C-F-1 C5.11	8" 120 0.719"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 B - NON RECORDABLE
219A/203 5379-1082 Sht. 4 SI 2080 8-SI-37	10" X 8" REDUCER TO PIPE 2 C-F-1 C5.11	8" 120 0.719"	CPL-28 N/A	86 Code VOL UT	HBR-UT-86-1 50.00% 4/26/01 *A - NO INDICATIONS

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

WELDS

**Zone
CPL-239**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
239/01 5379-1082 Sht. 2 SI 2080 4-SI-110	4" TEE TO PIPE 2 C-F-1 C5.21	4" 80 0.337"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 B - NON RECORDABLE
239/01 5379-1082 Sht. 2 SI 2080 4-SI-110	4" TEE TO PIPE 2 C-F-1 C5.21	4" 80 0.337"	CPL-70 N/A	86 Code VOL UT	HBR-UT-86-1 89.50% 4/26/01 *A - NO INDICATIONS
239/10 5379-1082 Sht. 1 SI 2080 3-SI-14	4" X 3" REDUCING ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
239/10 5379-1082 Sht. 1 SI 2080 3-SI-14	4" X 3" REDUCING ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/26/01 A - NO INDICATIONS
239/11 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
239/11 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/26/01 A - NO INDICATIONS
239/12 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 B - NON RECORDABLE

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WELDS

**Zone
CPL-239**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
239/12 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 51.90% 4/17/01 *A - NO INDICATIONS
239/13 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 B - NON RECORDABLE
239/13 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 42.40% 4/17/01 *A - NO INDICATIONS
239/14 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/17/01 A - NO INDICATIONS
239/14 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 41.10% 4/17/01 *A - NO INDICATIONS
239/15 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
239/15 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS

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WELDS

**Zone
CPL-239**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
239/16 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
239/16 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS
239/16A 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
239/16A 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS
239/17 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
239/17 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS
239/18 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/6/01 C - RECORDABLE

RECORDABLE INDICATION REMOVED UNDER WORK ORDER 136392 01.

WELDS

Zone
CPL-239

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
239/18 5379-1082 Sht. 1 SI 2080 3-SI-14 RE-EXAM SAT	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
239/18 5379-1082 Sht. 1 SI 2080 3-SI-14	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS
239/19 5379-1082 Sht. 1 SI 2080 3-SI-14 RECORDABLE INDICATION REMOVED UNDER WORK ORDER 136391 01	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/6/01 C - RECORDABLE
239/19 5379-1082 Sht. 1 SI 2080 3-SI-14 RE-EXAM SAT	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/28/01 A - NO INDICATIONS
239/19 5379-1082 Sht. 1 SI 2080 3-SI-14	ELBOW TO PIPE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS

WELDS

Zone
CPL-240

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
240/13 5379-1082 Sht. 2 SI 2080 3-SI-12	PIPE TO 4" X 4" X 3" REDUCING TEE 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
240/13 5379-1082 Sht. 2 SI 2080 3-SI-12	PIPE TO 4" X 4" X 3" REDUCING TEE 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 86.32% 4/26/01 *A - NO INDICATIONS
240/27 5379-1082 Sht. 2 SI 2080 3-SI-13	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
240/27 5379-1082 Sht. 2 SI 2080 3-SI-13	PIPE TO ELBOW 2 C-F-1 C5.21	3" 80 0.300"	CPL-71 N/A	86 Code VOL UT	HBR-UT-86-1 100% 4/29/01 A - NO INDICATIONS

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WELDS

Zone
CPL-246

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
246/09 5379-1082 Sht. 4 SI 2080 2-SI-64	PIPE TO ELBOW 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
246/10 5379-1082 Sht. 4 SI 2080 2-SI-64	ELBOW TO PIPE 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

WELDS

Zone
CPL-247

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
247/O-WS 5379-1082 Sht. 4 SI 2080 2-SI-63	INTEGRAL ATTACHMENT 2 C-C C3.20	2" N/A 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/25/01 A - NO INDICATIONS
247/20 5379-1082 Sht. 4 SI 2080 2-SI-65	PIPE TO ELBOW 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
247/21 5379-1082 Sht. 4 SI 2080 2-SI-65	ELBOW TO PIPE 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
247/22 5379-1082 Sht. 4 SI 2080 2-SI-65	PIPE TO ELBOW 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
247/23 5379-1082 Sht. 4 SI 2080 2-SI-65	ELBOW TO PIPE 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
247/24 5379-1082 Sht. 4 SI 2080 2-SI-65	PIPE TO 2" TEE 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS
247/25 5379-1082 Sht. 4 SI 2080 2-SI-65	2" TEE TO PIPE 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

WELDS**Zone
CPL-247**

Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
247/28 5379-1082 Sht. 4 SI 2080 2-SI-65	PIPE TO ELBOW 2 C-F-1 C5.30	2" 160 0.344"	N/A N/A	86 Code SUR PT	HBR-PT-86-1 100% 4/24/01 A - NO INDICATIONS

TAB

C

**AUGMENTED
EXAMINATIONS**

WELDS

Zone	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-215	215/79-13-A G-190197 Sht. 4 FW 3050 16-FW-9 ID GEOMETRY NOTED	S/G "A" NOZZLE TO ELBOW 2 79-13 N/A	18" 100 1.156	CPL-57 N/A	AUGMENT VOL UT	HBR-UT-86-9 N/A 4/18/01 A - NO INDICATIONS

WELDS

Zone	Component ID	Description	Diameter	Cal Std 1	Exam Required	Procedure
CPL-216	P & ID	Code Class	Pipe Sch	Cal Std 2	Exam Method	% CRV
	System	Category	Nom "t"		Exam Type	Exam Date
	System #	Item #				Exam Results
	Line #					
	Comments					
	216/79-13-B	S/G "B" NOZZLE TO ELBOW			AUGMENT	HBR-UT-86-9
	G-190197 Sht. 4	2	18"	CPL-57	VOL	N/A
	FW 3050	79-13	100	N/A	UT	4/19/01
	16-FW-10	N/A	1.156			A - NO INDICATIONS
	ID GEOMETRY NOTED & PREVIOUS INCLUSION NOTED - NO CHANGE					

WELDS

Zone	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-217	217/79-13-C G-190197 Sht. 4 FW 3050 16-FW-11 ID GEOMETRY NOTED	S/G "C" NOZZLE TO ELBOW 2 79-13 N/A	18" 100 1.156	CPL-57 N/A	AUGMENT VOL UT	HBR-UT-86-9 N/A 4/19/01 A - NO INDICATIONS

WELDS

Zone	Component ID	Description	Diameter	Cal Std 1	Exam Required	Procedure
CPL-231	P & ID	Code Class	Pipe Sch	Cal Std 2	Exam Method	% CRV
	System	System #	Category		Exam Type	Exam Date
	Line #	Item #	Nom "t"			Exam Results
	Comments					
	231/39	VALVE SI-844A TO PIPE			AUGMENT	HBR-UT-86-1
	5379-1082 Sht. 3	2	8"	CPL-67	VOL	N/A
	SI/CS 2080	C-F-3	10	N/A	UT	4/26/01
	8-SI-29	N/A	0.148			A - NO INDICATIONS

WELDS

Zone	Component ID	Description	Diameter	Cal Std 1	Exam Required	Procedure
CPL-232A	P & ID	Code Class	Pipe Sch	Cal Std 2	Exam Method	% CRV
	System	Category	Nom "t"		Exam Type	Exam Date
	Line #	Item #				Exam Results
	Comments					
	232A/05	PIPE TO ELBOW			AUGMENT	HBR-UT-86-1
	5379-1082 Sht. 5	2	6"	N/A	VOL	N/A
	SI/CS 2080	N/A	40	N/A	UT	4/29/01
	6-SI-41A	N/A	0.280"			A - NO INDICATIONS

WELDS

Zone	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
CPL-234B	234B/10 5379-1082 Sht. 5 SI/CS 2080 6-SI-34A	PIPE TO ELBOW 2 N/A N/A	6" 10 0.134	CPL-65 N/A	AUGMENT VOL UT	HBR-UT-86-1 N/A 4/26/01 A - NO INDICATIONS
	234B/14 5379-1082 Sht. 5 SI/CS 2080 6-SI-34A	ELBOW TO PIPE 2 N/A N/A	6" 10 0.134	CPL-65 N/A	AUGMENT VOL UT	HBR-UT-86-1 N/A 4/26/01 A - NO INDICATIONS

WELDS

Zone CPL-248	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
	248/A-1 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS
	248/A-1 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS
	248/A-2 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS
	248/A-2 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS
	248/A-6 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	1" INLET GAS CONNECTION 2 N/A N/A	1.0" N/A .179"	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/29/01 A - NO INDICATIONS
	248/A-6 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	1" INLET GAS CONNECTION 2 N/A N/A	1.0" N/A .179"	HBR-ACCUM-2 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/29/01 A - NO INDICATIONS
	248/A-7 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	3/4" SAMPLE CONNECTION 2 N/A N/A	0.75" N/A .154"	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS

WELDS

Zone CPL-248	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam Results
	248/A-7 5379-1082 Sht. 5 SI 2080 SI-ACCUM-A	3/4" SAMPLE CONNECTION 2 N/A N/A	0.75" N/A .154"	HBR-ACCUM-3 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS
	248/B-1 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS
	248/B-1 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS
	248/B-2 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS
	248/B-2 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS
	248/B-3 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" UPPER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS
	248/B-3 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" UPPER LEVEL TRANSMITTER 2 AUGME N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL PT/UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS

WELDS

Zone CPL-248	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "t"	Cal Std 1 Cal Std 2	Exam Required Exam Method Exam Type	Procedure % CRV Exam Date Exam
	248/B-4 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" UPPER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 A - NO INDICATIONS
	248/B-4 5379-1082 Sht. 5 SI 2080 SI-ACCUM-B	2" UPPER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS
	248/C-1 5379-1082 Sht. 5 SI 2080 SI-ACCUM-C PT - SURFACE INDICATION .15"	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 4/22/01 B - NON RECORDABLE
	248/C-1 5379-1082 Sht. 5 SI 2080 SI-ACCUM-C PT INDICATION SEEN WITH UT - ACCEPTABLE.	2" LOWER LEVEL TRANSMITTER 2 N/A N/A	2" N/A 0	HBR-ACCUM-1 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 B - NON RECORDABLE
	248/C-7 5379-1082 Sht. 5 SI 2080 SI-ACCUM-C	3/4" SAMPLE CONNECTION 2 N/A N/A	0.75" N/A .154"	N/A N/A	AUGMENT SUR PT	HBR-PT-86-1 N/A 5/3/01 B - NON RECORDABLE
	248/C-7 5379-1082 Sht. 5 SI 2080 SI-ACCUM-C	3/4" SAMPLE CONNECTION 2 N/A N/A	0.75" N/A .154"	HBR-ACCUM-3 N/A	AUGMENT VOL UT	NDEP-428 N/A 4/24/01 A - NO INDICATIONS

TAB

D

**PRE-SERVICE
EXAMINATIONS**

There were no pre-service examinations performed since the last refueling outage submittal, other than those pre-service examinations performed as a result of a repair/replacement activity. Pre-service examinations performed as a result of a repair/replacement activity are identified in TAB G.

**TAB
E**

**SNUBBER
EXAMINATIONS
AND
TESTS**

EST-032 (Visual Inspection)

The 35 safety related suppressors were visually inspected in the “as-found” condition prior to removal for functional testing or any other type of work performed. An “as-left” inspection was performed on any suppressor that was removed for functional testing or received any major corrective maintenance.

Suppressor 5-12 - Some minor tubing fitting leakage was identified on the “B” and “C” Suppressor Banks. The fittings were checked for tightness.

The three reservoirs were identified as having fluid leakage. The levels were maintained above the minimum required fluid level during the entire operating cycle, so the operability of the suppressors was not challenged. Reservoirs were removed, disassembled, cleaned, reassembled using new gaskets, and reinstalled.

Suppressor 13 - The bearing was slightly offset in the rod eye hole, but the suppressor was operable as verified by functional testing.

Suppressor 14 - The bearing was slightly offset in the rod eye hole, but the suppressor was operable as verified by functional testing..

Suppressor 19 -. The pipe clamp to suppressor alignment was acceptable, but not in total alignment. The pipe clamp was repositioned and tightened in place.

Suppressor 20 - Visual inspection performed with indication of minor (7% since RFO-19) leak on tubing elbow fitting. The compression fitting was tightened to eliminate future leakage.

Suppressor 21 - The pivot lug extension end spherical bearing was slightly offset in the rod eye. The suppressor was evaluated as acceptable with no operability concern.

Suppressor 26 - Suppressor 26 was as found with no level in the reservoir. CR-30477 was initiated to address the as-found condition and the effect on the associated system

Concerns noted during EST-032 have been addressed, and the suppressors were left in a satisfactory condition with no operability concerns.

EST-033 (Functional Testing)

The following suppressors were originally selected for scheduled functional testing during RFO-20:

Steam Generator "C" Suppressor Bank Control Valve – normal EST selection

Suppressor 17 - normal EST selection and scheduled refurbishment

Suppressor 19 – scheduled refurbishment

Suppressor 26 - normal EST selection and scheduled refurbishment

Suppressor 30 - scheduled refurbishment

Suppressor 32 – RFO-19 failure

Suppressor 35 - normal EST selection

Suppressor 36 - normal EST selection

Suppressor 9-12 - Steam Generator "C" Suppressor Bank Control Valve was functionally tested on 4-11-01 as a normal EST selection..

Suppressor 13 (Grinnell S/N 34438) was removed from service and functionally tested as part of the scope expansion resulting from the failure of Snubber 26. Suppressor S/N 34438 was functionally tested on 4-17-01. Test results were acceptable.

Suppressor 14 (Grinnell S/N 30050) was functionally tested on 4-17-01 as part of the scope expansion resulting from the failure of Snubber 26. Test results were acceptable.

Suppressor 17 (Serial Number 30079) was functionally tested on 4-23-01 as a normal EST selection with acceptable results. Serial Number 30079 was replaced with Serial Number 30082 from stock. Serial Number 30079 was shipped to Grinnell for scheduled refurbishment, and will be placed in stock as a spare upon return.

Suppressor 19 (Serial Number 30075) was functionally tested on 4-24-01 due to scheduled refurbishment with acceptable results. Serial Number 30075 was replaced with Serial Number

30077 from stock. Serial Number 30075 was shipped to Grinnell for scheduled refurbishment, and will be placed in stock as a spare upon return.

Suppressor 26 (Serial Number 30087) was selected for functionally testing as a normal EST selection. During the visual inspection, Snubber 26 was found unsatisfactory due to having less than the minimum required fluid level in the reservoir. Due to the low (no) fluid level in the reservoir, functional testing was not performed. Serial Number 30087 was replaced with Serial Number 30086 from stock.

Suppressor 30 (Serial Number 30088) was functionally tested on 4-10-01 due to scheduled refurbishment with acceptable results. Serial Number 30088 was replaced with Serial Number 34606 from stock.

Suppressor 32 (S/N 16847) was removed from service and sent to the Harris Plant for testing due to the suppressor in this location failing testing during RFO-19. The suppressor was functionally tested on 4-11-01 with unacceptable results. Expansion of test scope was met by performing functional testing on Suppressor 34. An evaluation was performed to ensure no adverse impact to the system was created by the condition of Suppressor 32. The evaluation determined, based on expected thermal movement and a system walkdown, the system was not adversely impacted. The failure of Snubber 32 was evaluated per CR 30712. Suppressor S/N 16847 was replaced with a spare snubber from the Harris Plant. Suppressor S/N 17861 was tested at the Harris Plant on 4-11-01 with acceptable results.

Suppressor 34 (PSA S/N 12113) was removed from service and sent to the Harris Plant for functional testing as scope expansion due to the failure of Suppressor 32. S/N was tested on 4-24-01 with acceptable results. In order to minimize the time the suppressor would not be in service, S/N 8323 was received from the Harris Plant and installed in Location 34. S/N 8323 was tested at the Harris Plant on 4-17-01 with acceptable results.

Suppressor 35 (Serial Number 32212) was functionally tested on 4-10-01 as normal EST selection with acceptable results.

Suppressor 36 (S/N 16863) was removed from service and sent to the Harris Plant for testing as normal EST selection. The suppressor was functionally tested on 4-11-01 with acceptable results.

SNUBBER SUMMARY

Steam Generator "C" Suppressor Control Valve, Suppressor 17, Suppressor 26, Suppressor 35, and Suppressor 36 were functionally tested during RFO-20 as normal EST selection.

Suppressors 13 and 14 were tested as a result of scope expansion resulting from the failure of Suppressor 26.

Suppressor 19 was functionally tested prior to shipment to Grinnell for scheduled refurbishment.

Suppressor 30 was functionally tested prior to shipment to Grinnell for scheduled refurbishment.

Suppressor 32 was tested due to RFO-19 failure.

Suppressor 34 was tested as a result of scope expansion resulting from the failure of Suppressor 32.

Suppressor 32 (PSA S/N 16847) in Location 32 failed functional testing during RFO-20, and was replaced with a spare from the Harris Plant. The EST requires an additional testing of 10% of the suppressors of the same type upon test failure. Since the plant has 5 mechanical (PSA) suppressors, the criteria was met by adding Suppressor 34 to the RFO-20 testing scope.

Suppressor (Grinnell S/N 30087) in Location 26 failed functional testing during RFO-20. The suppressor was replaced with a spare from stock. The EST requires an additional testing of 10% of the suppressors of the same type upon test failure. The criteria was met with the testing of Suppressors 13, 14, 30, and 35, which represents the balance of the plant's Grinnell 1 ½ inch bore by 5 inch stroke suppressors.

TAB

F

PRESSURE

TEST

SUMMARY

The table below lists the tests performed to date for the third period of the Third Ten Year Interval.

SYSTEM	DESCRIPTION	DATE	PROCEDURE	RESULTS
CCW	Component Cooling Water Inside Containment	9/25/99	EST-076	SAT
SW	Service Water Inside Containment	9/25/99	EST-081	SAT
MS/FW	Main Steam & Feedwater System Inside Containment	9/23/99	EST-128	SAT
SI	SI Accumulators	9/25/99	EST-129	SAT
RCS	Reactor Coolant System	10/22/99	EST-083	SAT
SW	Service Water Outside Containment	10/25/00	EST-094	SAT
AFW	Auxiliary Feedwater System (Suction Piping)	01/15/01	EST-081	SAT
CS	Containment Spray System	03/07/01	EST-079	SAT
CVCS	Chemical and Volume Control	04/07/01	EST-127	SAT
SI	Safety Injection Inside Containment	04/01/01	EST-090	SAT
RHR	Residual Heat Removal System	04/08/01	EST-080	SAT
RCS	Reactor Coolant System*	05/10/01	EST-083	SAT
SI	Safety Injection System Outside Containment	06/06/01	EST-078	SAT
CS	Spray Additive Tank and Piping	06/12/01	EST-092	SAT
SI	Safety Injection System Outside Containment	06/29/01	EST-078	SAT

*Includes Bolting Inspection

No deficiencies were noted for the above Engineering Surveillance Tests and exceptions were addressed by the normal work request process and retained as permanent records,

which may be obtained through the Carolina Power & Light Company Document Control Services.

The remaining pressure tests required to be performed for completion of the third inspection period of the third period interval at H. B. Robinson Steam Electric Plant, Unit No. 2, are identified below. A summary report of these remaining pressure tests will be provided with the Code Required Volume (CRV) relief request at the end of the interval.

SYSTEM	DESCRIPTION	PROCEDURE	TENTATIVE SCHEDULE
FW	Feedwater System Piping Inside & Outside Containment	EST-077	08/07/01
SI	Safety Injection System Outside Containment	EST-078	08/30/01
CVCS	Chemical and Volume Control System	EST-131	09/21/01
CS	Containment Spray Additive Tank and Associated Piping	EST-092	07/24/01
CVCS	Boric Acid Tank, Piping and Transfer Pump	EST-093	08/08/01
SW	Service Water System	EST-094	07/11/01 08/08/01 10/17/01
DFO	Diesel Fuel Oil System	EST-098	08/08/01 10/17/01
AFW	Auxiliary Feedwater System	EST-082	07/17/01 08/14/01 09/11/01
SFPC	Spent Fuel Pool Cooling	EST-084	08/21/01
CCW	Component Cooling Water System Outside Containment	EST-088	09/24/01
AFW	Steam Supply To The Steam Driven AFW Pump	EST-097	09/11/01

TAB

G

**REPAIRS
AND
REPLACEMENTS**

Work Order	Equipment Number	Plant System	Description of Activity
115213 05	SWBP-A	SERVICE WATER SYSTEM	Replaced pump assembly due to metal in oil.
117122 01	SWBP-A	SERVICE WATER SYSTEM	Replaced rotating assembly and pump flange.
122215 01	2-20-N-14	SAFETY INJECTION SYSTEM	Modifying hanger (shortening hanger) and rewelded.
127321 01	Snubber # 19	STEAM GENERATOR SYSTEM	Replaced snubber # 19.
127322 01	Snubber # 30	MAIN STEAM SYSTEM	Replaced snubber # 30 and bolting.
127323 01	Snubber # 32	MAIN STEAM SYSTEM	Replaced snubber # 32. (failed functional test).
136391 01	CPL-239/19	SAFETY INJECTION SYSTEM	Removed linear PT indication identified during ISI examination.
136392 01	CPL-239/18	SAFETY INJECTION SYSTEM	Removed linear PT indication identified during ISI examination.
137487 01	CVC-352	CHEMICAL AND VOLUME	Replaced valve CVC-352 by welding.
137551 01	AFW-70	AUXILIARY FEEDWATER SYSTEM	Replaced valve AFW-70 by welding.
137618 01	Snubber # 34	AUXILIARY FEEDWATER SYSTEM	Replaced snubber # 34.
140555 04	CPL-239/D	SAFETY INJECTION SYSTEM	Replaced pipe clamp on CPL-239/D with correct size pipe clamp.
140555 05	BIT-TNK	SAFETY INJECTION SYSTEM	Tightened loose base leg nut on WS-3.
142454 01	CPL-247/P-WS	SAFETY INJECTION SYSTEM	Modified support by removing tack weld and removing U-bolt.
142647 01	3-RC-116	REACTOR COOLANT SYSTEM	Modified supports 3-RC-117, 3-RC-127 and 3-RC-116.
142843 01	CPL-116A/W	REACTOR COOLANT SYSTEM	Tightened loose nuts identified during an ISI examination.
142915 01	CC-715	COMPONENT COOLING WATER	Replaced stud.
52885 01	SW-739/SW-740	SERVICE WATER SYSTEM	Replaced SW-739 and SW-740 and associated bolting.
52886 01	CCW-HTX-B	COMPONENT COOLING WATER	Replaced Channel Head and Bolting
53006 01	SFPC-HTX	SPENT FUEL PIT COOLING	Replacing SFPC HX studs and nuts.

Work Order	Equipment Number	Plant System	Description of Activity
53163 01	2-MS-15	MAIN STEAM SYSTEM	Replaced 2" pipe AND fitting due to external corrosion.
53211 01	SI-863A	SAFETY INJECTION SYSTEM	Replaced 5 bonnet studs due to damage during maintenance.
53690 01	AFW-45	AUXILIARY FEEDWATER SYSTEM	Enlarging mounting holes in support steel.
54205 01	CPL-232/Z	SAFETY INJECTION SYSTEM	Tighten nut on hanger.
54208 01	CPL-244/E	SAFETY INJECTION SYSTEM	Tighten nut on hanger.
54217	221B/I-WS	RESIDUAL HEAT REMOVAL	Replaced bolting on support CPL-221B/I-WS.
54219 01	CPL-329/G	COMPONENT COOLING WATER	Replaced threaded rod and nuts on hanger CPL-329/G.
64283 01	SW-PMP-A	SERVICE WATER SYSTEM	Replaced "A" Service Water Pump.
67165	Snubbers # 5-8	STEAM GENERATOR SYSTEM	Replaced hose to snubber fluid reservoir on S/G snubbers 5-8.
67832 01	RV Stud	REACTOR COOLANT SYSTEM	Replaced reactor vessel stud due to an ultrasonic indication identified during PDI examination.
67983 01	Snubber # 17	RESIDUAL HEAT REMOVAL	Replaced snubber.
68011 01	RC-551C	REACTOR COOLANT SYSTEM	Replaced pressurizer safety valve with spare rebuilt valve and one stud.
68016 01	RC-551B	REACTOR COOLANT SYSTEM	Replaced pressurizer safety valve with spare rebuilt valve.
68019 01	RC-551A	REACTOR COOLANT SYSTEM	Replaced pressurizer safety valve with spare rebuilt valve.
68043	RC-94	REACTOR COOLANT SYSTEM	Replaced studs and nuts on the reactor head vent line spool piece, RC-94.
68066 01	Snubber # 26	CHEMICAL AND VOLUME	Replaced snubber # 26.
68235 01	S/G-B	STEAM GENERATOR SYSTEM	Replacing Hot & Cold Leg Manway bolting.
68257 01	S/G-C	STEAM GENERATOR SYSTEM	Replacing Hot & Cold Leg Manway bolting.
68502 01	MS-261A	MAIN STEAM SYSTEM	Replaced bonnet stud.
68552	FCV-478	FEEDWATER SYSTEM	Replaced studs and bonnet spacer.

Work Order	Equipment Number	Plant System	Description of Activity
68559	FCV-488	FEEDWATER SYSTEM	Replaced studs and bonnet spacer, nut and inserted a helical coil.
68562	FCV-498	FEEDWATER SYSTEM	Replaced studs, nuts and bonnet spacer.
00 ADWK1	CHG-PMP-A	CHEMICAL AND VOLUME	Replaced cylinder head extension.
97 ACQE1	HVH-8A	COMPONENT COOLING WATER	Replaced cooling coil.
99 ACWX5	SW-14-735	SERVICE WATER SYSTEM	Modification of support by adding welded security defensive position attachment.
99 ADDU1	CPL-332/F-WS	FEED WATER SYSTEM	Reset spring hanger FWH-21 (CPL-332/F-WS) found out of tolerance during RFO 19.
99 ADKP1	CPL-221A/R	RESIDUAL HEAT REMOVAL	Replaced clamp bolting to correct inadequate thread engagement.
99 ADKS1	CPL-241/U CPL-241/V	SAFETY INJECTION SYSTEM	Adding beveled washer to correct cocked bolt found on hanger CPL-241/U, and a shim on CPL-241/V.
99 AECZ2	Bolts/Nuts	CHEMICAL AND VOLUME	Replaced four bolts and nuts one at a time without breaching pressure boundary on BAST "A".

**FORM NIS-2
DATA SHEETS
(49 FORMS)**

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/19/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B. ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 68562 CR: N/A
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:3 FEEDWATER SYSTEM 3050

5. (a) Applicable Construction Code: ASME III Edition: Addenda: N/A Code Case: N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
FCV-498	Copes-Vulcan	N/A	N/A	Valve	1971	Replaced	N
							N

7. Description of Work: Replaced studs, nuts and bonnet spacer.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

Remarks: See WO 68562 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/19, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/19/01 to 7/19/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/19, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/19/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 68559 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address
4. Identification of System: Class:3 FEEDWATER SYSTEM 3050
5. (a) Applicable Construction Code: ASME III Edition: Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
FCV-488	Copes-Vulcan	N/A	N/A	Valve	1971	Replaced	N

7. Description of Work: Replaced studs and bonnet spacer, nut and inserted a helicoil.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WO 68559 01 turnover package. Helicoil purchased under the commercial grade dedication program and installed to manufacturers instructions

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/19, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/01 to 7/19/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/19, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/19/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
 Address WR/JO: 54217 CR:N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: AISC Edition: Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
221B/I-WS	Ebasco	N/A	N/A	Support	1971	Replaced	N

7. Description of Work: Replaced bolting on support 221B/I-WS.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 54217 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed [Signature] ISI ENGINEER Date: 4/19, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/18/01 to 7/18/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/18, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/19/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 68552 CR:N/A
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:3 FEEDWATER SYSTEM 3050

5. (a) Applicable Construction Code: ASME III Edition: Addenda: N/A Code Case: N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
FCV-478	Copes-Vulcan	N/A	N/A	Valve	1971	Replaced	N

7. Description of Work: Replaced studs and bonnet spacer.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

Remarks: See WO 68552 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 7/19, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/19/01 to 7/19/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/19, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/24/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 137618 01 CR:N/A
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:3 AUXILIARY FEEDWATER SYSTEM 3065

5. (a) Applicable Construction Code: ASME III NF Edition:1971 Addenda:S/73 Code Case:N/A
 Design Specification: CAR-SH-M-30

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
Snubber # 34	PSA	12113	N/A	Snubber	1971	Replaced	N
Snubber # 34	PSA	8323	N/A	Snubber	2001	Replacement	N

7. Description of Work: Replaced snubber # 34.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 137618 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/18, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/18/01 to 7/18/01 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 or 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 VT 745 A.N.I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/18, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/18/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 142915 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address

4. Identification of System: Class:3 COMPONENT COOLING WATER SYSTEM 4080

5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CC-715	Crosby	N/A	N/A	Bolting	1971	Replaced	N

7. Description of Work: Replaced bolting.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [-] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 142915 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/18, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/7/01 to 7/18/01 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 or 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 VT 745 A.N.I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/18, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/17/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 140555 05 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
BIT-TNK	Southern Fabricators	0049	N/A	WS-3	1971	Repair	N

7. Description of Work: Tightened loose base leg nut on WS-3.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 140555 05 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/17, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/17/01 to 7/17/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/17, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/18/01
 Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name

3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 137551 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name

3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:3 AUXILIARY FEEDWATER SYSTEM 3065

5. (a) Applicable Construction Code: B16.34 Edition:1981 Addenda:N/A Code Case:N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N-416-1

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 Stamp (Yes or No)
AFW-70	Anchor Darling	N/A	N/A	Valve	1971	Replaced	N
AFW-70	Anchor Darling	N/A	N/A	Valve	1992	Replacement	N

7. Description of Work: Replaced valve AFW-70 by welding.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Remarks: See WO 137551 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/17, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/12/01 to 7/18/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/18, 2001

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

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/13/01
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B.ROBINSON Unit 2
Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
ESR#: N/A EE: N/A
WR/JO: 117122 01 CR:N/A
Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
Expiration Date N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
Design Specification: CPL-R2-MP-12A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N/A

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 Stamp (Yes or No)
SWBP-A	Worthington	756721	N/A	Pump	1971	Replaced	N

7. Description of Work: Replaced rotating assembly and pump flange due to an oil leak.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Remarks: See WO 117122 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 7/16, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/16/01 to 7/16/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/16, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/12/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 142454 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address

4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080

5. (a) Applicable Construction Code: AISC Edition: Addenda:N/A Code Case:N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-247/P-WS	Ebasco	N/A	N/A	SI-6-53	1971	Repair	N

7. Description of Work: Modified support by removing tack weld and removing U-bolt.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 142454 01 & 142454 03 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/12/01, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/14/01 to 7/14/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/14, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/19/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: 01-00093 EE: N/A
 WR/JO: 142647 01 CR: N/A
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Expiration Date N/A

4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005

5. (a) Applicable Construction Code: AISC Edition: Addenda: N/A Code Case: N/A
 Design Specification: CPL-HBR2-C-011

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
3-RC-116	Ebasco	N/A	N/A	CPL-143/L	1971	Replaced	N
3-RC-116	Maintenance	N/A	N/A	CPL-143/L	2001	Replacement	N
3-RC-117	Ebasco	N/A	N/A	CPL-143/M-WS	1971	Replaced	N
3-RC-117	Maintenance	N/A	N/A	CPL-143/M-WS	2001	Replacement	N
3-RC-127	Ebasco	N/A	N/A	CPL-143/S1-WS	1971	Replaced	N
3-RC-127	Maintenance	N/A	N/A	CPL-143/S1-WS	2001	Replacement	N

7. Description of Work: Modified supports 3-RC-117, 3-RC-127 and 3-RC-116.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WO 142647 01 turnover package. Removed U-bolt only for support 3-RC-116, no VT-3 required.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 4/19, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/7/01 to 7/18/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/18, 2001

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

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/26/01
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B.ROBINSON Unit 2
Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
ESR#: N/A EE: N/A
WR/JO: 127322 01 CR:N/A
Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
Authorization No. N/A
Expiration Date N/A
4. Identification of System: Class:3 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
Design Specification: DRS 200 Rev.2
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N/A

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 Stamp (Yes or No)
Snubber # 30	Grinnell	30088	N/A	Snubber	1971	Replaced	N
Snubber # 30	Grinnell	34606	N/A	Snubber	2001	Replacement	N

7. Description of Work: Replaced snubber # 30 and bolting.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 127322 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/26, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 9/11/01 to 6/27/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/27, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/18/01
 Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name

3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 127323 01 CR: 01-30712
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name

3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020

5. (a) Applicable Construction Code: ASME III NF Edition:1977 Addenda:W/78 Code Case:1644-7
 Design Specification: CAR-SH-M-30

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
Snubber # 32	PSA	16847	N/A	Snubber	1971	Replaced	N
Snubber # 32	PSA	17861	N/A	Snubber	2001	Replacement	N

7. Description of Work: Replaced snubber # 32. (failed functional test).

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WO 127323 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 7/18, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/19/01 to 7/18/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/18, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/27/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 137487 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Expiration Date N/A

4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060

5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N-416-1

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 Stamp (Yes or No)
CVC-352	Rockwell Edwards	N/A	N/A	Valve	1971	Replaced	N
CVC-352	Rockwell Edwards	N/A	N/A	Valve	2001	Replacement	N

7. Description of Work: Replaced valve CVC-352 by welding.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Remarks: See WO 137487 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/27, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/16/01 to 6/28/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/28/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/20/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#:N/A EE:N/A
 Address WR/JO:127321 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
 Design Specification: DRS 200 Rev.2
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
Snubber # 19	Grinnell	30075	N/A	Snubber	1971	Replaced	N
Snubber # 19	Grinnell	30077	N/A	Snubber	2001	Replacement	N

7. Description of Work: Replaced snubber # 19.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 127321 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/24, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/11/01 to 6/27/01 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 or 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 NB 11421 (A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/27, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/20/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 122215 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: AISC Edition: Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SI-20-N-14	Ebasco	N/A	N/A	Support	1971	Repair	N

7. Description of Work: Modifying hanger (shortening hanger) and reweld
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 122215 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/20, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/18/01 to 6/20/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/13/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H. B. ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 68502 01 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
MS-261A	Schutte & Koerting	N/A	N/A	Stud	1971	Replaced	N
MS-261A	Schutte & Koerting	N/A	N/A	Stud	2001	Replacement	N

7. Description of Work: Replaced bonnet stud.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [N/A] Pressure[N/A] psig Test Temp. [N/A] °F

Remarks: See WO 68502 01 turnover package

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/13, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/20/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/26/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 115213 05 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Expiration Date N/A

4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060

5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
 Design Specification: CPL-R2-MP-12A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SWBP-A	Worthington	756721	N/A	Pump	1971	Replaced	N
SWBP-A	Worthington	756721	N/A	Pump	2001	Replacement	N

7. Description of Work: Replacing pump with spare impeller assembly due to metal in oil.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Remarks: See WO 115213 05 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 6/26, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/26/01 to 6/27/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/27, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/25/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 68235 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address

4. Identification of System: Class:1 STEAM GENERATOR SYSTEM 3005

5. (a) Applicable Construction Code: ASME Section III Edition:1965 Addenda:1965 Code Case:N/A
 Design Specification: 955479

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
S/G-B	Westinghouse	93733	N/A	Manway bolting	1971	Replaced	N
S/G-B	Westinghouse	93733	N/A	Manway bolting	2001	Replacement	N

7. Description of Work: Replacing Hot & Cold Leg Manway bolting with spare rotating set.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-1] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 68235 01 turnover package

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/25, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/24/01 to 6/26/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/26, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/25/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B. ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 68257 01 CR: N/A
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
 Expiration Date N/A

4. Identification of System: Class:1 STEAM GENERATOR SYSTEM 3005

5. (a) Applicable Construction Code: ASME Section III Edition: 1965 Addenda: 1965 Code Case: N/A
 Design Specification: 955479

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
S/G-C	Westinghouse	93734	N/A	Manway bolting	1971	Replaced	N
S/G-C	Westinghouse	93734	N/A	Manway bolting	2001	Replacement	N

7. Description of Work: Replacing Hot & Cold Leg Manway bolting with spare rotating set.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-1] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WO 68257 01 turnover package

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/25, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/26/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/26, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/12/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B. ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 68043 CR: N/A
 Repair Organization PO No; Job No; etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
 Expiration Date N/A

4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005

5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
RC-94	Ebasco	N/A	N/A	Spool piece	1977	Replaced	N
RC-94	Mackson	N/A	N/A	Spool piece	2001	Replacement	N

7. Description of Work: Replaced studs and nuts on the reactor head vent line spool piece, RC-94.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [N/A] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WO 68043 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/12, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/20/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/26/01
Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address

2. Plant H.B.ROBINSON Unit 2
Name

3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO: 68066-01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A

3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
Address

4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060

5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
 Design Specification: DRS 200 Rev.2

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
Snubber # 26	Grinnell	30087	N/A	Snubber	1971	Replaced	N
Snubber # 26	Grinnell	30086	N/A	Snubber	2001	Replacement	N

7. Description of Work: Replaced snubber # 26.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 68066 01 turnover package

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/26, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/11/01 to 6/27/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 4/27, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/1/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 68019 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
 Expiration Date N/A

4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005

5. (a) Applicable Construction Code: ASME Section III Edition:1965 Addenda:N/A Code Case:N/A
 Design Specification: 676279
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
RC-551A`	Crosby	N69877-00-0001	N/A	Safety Valve	1998	Replaced	Y
RC-551A	Crosby	RV-551A	N/A	Safety Valve	2001	Replacement	Y

7. Description of Work: Replaced pressurizer safety valve with spare rebuilt valve.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[2246] psig Test Temp.[537] °F

Remarks: See 68019 01 turnover package. Pressure test performed during EST-083 at the end of the refueling outage.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/1, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/20/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/1/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 68016 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
 Expiration Date N/A

4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005

5. (a) Applicable Construction Code: ASME Section III Edition:1965 Addenda:N/A Code Case:N/A
 Design Specification: 676279

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
RC-551B	Crosby	N69877-00-0002	N/A	Safety Valve	1998	Replaced	Y
RC-551B	Crosby	RV-551B	N/A	Safety Valve	2001	Replacement	Y

7. Description of Work: Replaced pressurizer safety valve with spare rebuilt valve.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[2246] psig Test Temp.[537] °F

Remarks: See 68016 01 turnover package. Pressure test performed during EST-083 at the end of the refueling outage.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 6/1, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/20/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20, 2001

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

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/28/01
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address

2. Plant H.B.ROBINSON Unit 2
Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
ESR#: N/A EE: N/A
WR/JO: 67165 CR:N/A
Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address
Authorization No. N/A
Expiration Date N/A

4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005

5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
Design Specification: DRS 200 Rev.2

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N/A

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 Stamp (Yes or No)
Snubbers # 5-8	Grinnell	N/A	N/A	Snubbers 5-8	1971	Replaced	N

7. Description of Work: Replaced hose to snubber fluid reservoir on S/G snubbers 5-8.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 67165 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/23, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/11/01 to 5/31/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/31, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/1/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 68011 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005

5. (a) Applicable Construction Code: ASME Section III Edition:1965 Addenda:N/A Code Case:N/A
 Design Specification: 676279

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
RC-551C	Crosby	N69877-00-0003	N/A	Safety Valve	1998	Replaced	Y
RC-551C	Crosby	RV-551C	N/A	Safety Valve	2001	Replacement	Y

7. Description of Work: Replaced pressurizer safety valve with spare rebuilt valve and one stud.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[2246] psig Test Temp.[537] °F

Remarks: See 68011 01 turnover package. Pressure test performed during EST-083 at the end of the refueling outage.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 6/1, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/20/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/28/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 67983 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address
4. Identification of System: Class:2 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
 Design Specification: DRS 200 Rev.2
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
Snubber # 17	Grinnell	30079	N/A	Snubber	1971	Replaced	N
Snubber # 17	Grinnell	30082	N/A	Snubber	2001	Replacement	N

7. Description of Work: Replaced snubber.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 67983 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 5/23, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/11/01 to 5/23/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/23, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/22/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 00-00071 EE: N/A
 Address WR/JO: 53163 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N-416-1

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 Stamp (Yes or No)
2-MS-15	Ebasco	N/A	N/A	Piping	1971	Replaced	N
2-MS-15	Maintenance	N/A	N/A	Piping	2001	Replacement	N

7. Description of Work: Replaced 2" pipe AND fitting due to external corrosion.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Remarks: See WO 53163 & ESR 00-00071 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/22, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/26/01 to 6/26/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/26, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/22/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:64283 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: b31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: CPL-R2-MP12
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SW-PMP-A	Johnston	GC2706	N/A	Pump	1971	Replaced	N
SW-PMP-A	Johnston	JZ6438	N/A	Pump	1971	Replacement	N

7. Description of Work: Replaced "A" Service Water Pump with a refurbished spare.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[55] psig Test Temp.[72 F] °F

Remarks: See WO 64283 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed Robert A. Clin ISI ENGINEER Date: 5/22, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/22/01 to 5/22/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/22, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/1/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address
 ESR#: N/A EE: N/A
 WR/JO: 67832 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Expiration Date N/A

4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005

5. (a) Applicable Construction Code: ASME Section III Edition:1965 Addenda:N/A Code Case:N/A
 Design Specification: 676367

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
RV Stud	Westinghouse	29	20772	Reactor Vessel	1971	Replaced	N
RV Stud	Westinghouse	29R	20772	Reactor Vessel	2001	Replacement	N

7. Description of Work: Replaced reactor vessel stud due to an ultrasonic indication identified during PDI examination.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [MT/UT] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 67832 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 6/1, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/18/01 to 6/20/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/16/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:53006 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 SPENT FUEL PIT COOLING SYSTEM 7110
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SFPC-HTX	Joseph Oat	1598-5	N/A	HX cover studs and nuts	1971	Replaced	N

7. Description of Work: Replacing SFPC HX studs and nuts.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [-] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 53006 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/16, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/16/01 to 5/16/01 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 or 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 VT745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/16/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/15/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 00-00181 EE: N/A
 Address WR/JO:53690 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 AUXILIARY FEEDWATER SYSTEM 3065
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
AFW-45	Ebasco	N/A	N/A	FCV-1424 Hydromotor supp.	1970	Repair	N

7. Description of Work: Enlarging mounting holes in support steel.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp. [N/A] °F

Remarks: See WO 53690 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/15/ 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/29/01 to 5/29/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/29, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/24/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-354 EE: N/A
 Address WR/JO: 52885 CR:N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 16.34 Edition:1981 Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SW-739	Contromatics	N/A	N/A	Valve	1971	Replaced	N
SW-739	Crane	C9466	N/A	Valve	2000	Replacement	N
SW-740	Contromatics	N/A	N/A	Valve	1971	Replaced	N
SW-740	Crane	C9467	N/A	Valve	2000	Replacement	N

7. Description of Work: Replaced valves SW-739 and SW-740 and bolting.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[40] psig Test Temp.[75] °F

Remarks: See WR 52885 and ESR 99-354 turnover packages.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 7/24, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/7/00 to 7/24/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/24, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/20/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 00-00038 EE: N/A
 Address WR/JO: 52886 01 CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System: Class:3 COMPONENT COOLING WATER SYSTEM 4080

5. (a) Applicable Construction Code: ASME SECT. VIII Edition:1998 Addenda:1999 Code Case:N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CCW-HTX-B	Engineers & Fabricators	1500 B	N/A	Channel Head	1971	Replaced	Y
CCW-HTX-B	EFCO	S25625	3063	Channel Head	2000	Replacement	Y

7. Description of Work: Replaced Channel Head and Bolting

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
 Other [VT-2] Pressure[49] psig Test Temp.[N/A] °F

Remarks: See WO 52886 (00-ABJB1) turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/20, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/01 to 6/20/01 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 or 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 VT 745 A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/20, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/22/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 53211 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SI-863A	Crane	N/A	N/A	Studs	1971	Replaced	N

7. Description of Work: Replaced 5 bonnet studs due to damage during maintenance.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [N/A] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 53211 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/22, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/19/01 to 5/29/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/29, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/10/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:136392 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-239/18	Ebasco	N/A	N/A	3-SI-1501R-14	1971	Repair	N

7. Description of Work: Removed linear PT indication identified during ISI examination.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [PT] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 136392 01 turnover package

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/10, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/6/01 to 5/11/01 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 or 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 VT 745 (A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/11/01, 2001

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

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/10/01
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B.ROBINSON Unit 2
Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO:136391 01 CR:N/A
Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N/A

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 Stamp (Yes or No)
CPL-239/19	Ebasco	N/A	N/A	3-SI-1501R-14	1971	Repair	N

7. Description of Work: Removed linear PT indication identified during ISI examination.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
Other [PT] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 136391 01 turnover package

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 5/10, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/6/01 to 5/11/01 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 or 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 VT 745 (A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/11, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 7/12/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 142843 01 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
 Address
4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: AISC Edition: Addenda:N/A Code Case:N/A
 Design Specification: N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-116A/W	Ebasco	N/A	N/A	N/A	1971	Repair	N

7. Description of Work: Tightened loose nuts identified during an ISI examination.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WO 142843 01 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 7/2, 2001
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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/14/01 to 7/14/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/14, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 5/8/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:140555 04 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-239/D	Bergen Patterson	N/A	N/A	Support	1971	Replaced	N

7. Description of Work: Replaced pipe clamp on CPL-239/D with correct size pipe clamp.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure[N/A] psig Test Temp. [N/A] °F

Remarks: See WO 140555 04 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 5/8, 2001

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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/5/01 to 5/23/01 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 or 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 VT745, A, N, I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/29/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/15/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
 Address WR/JO:54219 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 COMPONENT COOLING WATER SYSTEM 4080
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-329/G	Ebasco	N/A	N/A	Hanger	1971	Replaced	N

7. Description of Work: Replaced threaded rod and nuts on hanger CPL-329/G.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 ;
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WR 54219 turnover package

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 3/15/, 2001

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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/15/01 to 3/16/01 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 or 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 NPB 11421 (A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 3/16, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/15/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
 Address WR/JO:99 ADKS1 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-241/V/CPL-241/U	Ebasco	N/A	N/A	Box Restraint	1971	Repair	N

7. Description of Work: Adding beveled washer to correct cocked bolt found on hanger CPL-241/U, and a shim on CPL-241/V during ISI.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other VT-3 Pressure[N/A] psig Test Temp.[N/A] °F

Remarks: See WR 99-ADKS1 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 3/15/, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/16/01 to 3/16/01 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 or 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 NB11421(A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 3/16, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/20/01
Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address

2. Plant H.B.ROBINSON Unit 2
Name

3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
Address WR/JO: 99 ADKPI CR:N/A
 Repair Organization PO No;Job No;etc.

3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A

3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date N/A
Address

4. Identification of System: Class:2 RESIDUAL HEAT REMOVAL SYSTEM 2045

5. (a) Applicable Construction Code: AISC Edition: Addenda:N/A Code Case:N/A
 Design Specification: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-221A/R	Ebasco	N/A	N/A	Support	1971	Replaced	N
CPL-221A/R	Maintenance	N/A	N/A	Support	2001	Replacement	N

7. Description of Work: Replaced clamp bolting to correct inadequate thread engagement.

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]

Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WR 99 ADKP1 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 6/20, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/18/01 to 6/20/01 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 or 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 VT 745 A,N,I
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/25b, 2001

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

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/15/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
 Address WR/JO:54208 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-244/E	Ebasco	N/A	N/A	Hanger	1971	Repair	N
							N

7. Description of Work: Tighten nut on hanger.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure[N/A] psig Test Temp. [N/A] °F

Remarks: See WR 54208 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 3/5/01, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/16/01 to 3/16/01 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 or 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 NB 1421(A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 3/16, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/15/01
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
 Address WR/JO:54205 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-232/Z	Ebasco	N/A	N/A	Hanger	1971	Repair	N
							N

7. Description of Work: Tighten nut on hanger.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure[N/A] psig Test Temp. [N/A] °F

Remarks: See WR 54205 turnover package

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 3/15, 2001
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 VERMONT and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/16/01 to 3/16/01 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 or 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 NB 11421(A)(N)(I)
Inspector's Signature National Board, State, Province, and Endorsements

Date: 3/16, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 10/24/00
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:00 ADWK1 CR:N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A
 Design Specification: E SPEC-676428
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CHG Pump A	Union Pump	274158	N/A	Cyl.Head Ext.	1971	Replaced	N
Cylinder head extension	Union Pump	N/A	N/A	Cyl. Head ext.	1978	Replacement	N

7. Description of Work: Replaced cylinder head extension.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[33] psig Test Temp.[AMBIENT] °F

Remarks: See WR/JO 00 ADWK1 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 10/24, 2000
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 VIRGINIA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 8/29/00 to 10/27/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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 VA 424-R
Inspector's Signature National Board, State, Province, and Endorsements

Date: 10/27, 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 8/1/00
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 98-00509 EE: N/A
 Address WR/JO:99 ACWK5 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
SW-14-735	Ebasco	N/A	N/A	Pipe Support	1971	Replacement	N

7. Description of Work: Modification of support by adding welded security defensive position attachment.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure psig Test Temp. °F

Remarks: See WR 99 ACWX5 turnover package.

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.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed *M. M. Hance* ISI ENGINEER Date: 8/1, 2000
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 VIRGINIA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

*MMH
8/1/00*

have inspected the components described in this Owner's Report during the period 6/20/99 to 8/1/00 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 or 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.

M. M. Hance Commissions VA 424-R
Inspector's Signature National Board, State, Province, and Endorsements

Date: 8/1, 2000
8/29

*MMH
8/29/00*

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 6/7/00
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:99 ADDU1 CR:N/A
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class:2 FEED WATER SYSTEM 3050
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
CPL-332/F-WS	Grinnell	N/A	N/A	Spring Hanger	1971	Repaired	N

7. Description of Work: Reset spring hanger FWH-21 (CPL-332/F-WS) found out of tolerance during RFO 19
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure[N/A] psig Test Temp. [N/A] °F

Remarks: See WR 99 ADDU1 turnover package.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. M. Hase* ISI ENGINEER Date: 6/7, 2000
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 VIRGINIA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/10/99 to 6/7/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

M. M. Hase Commissions VA 424-R
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/7, 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 5/23/00
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:99 AECZ2 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
BA-TNK-A-HTR-A	Mackson/Korea a Bolt	N/A	N/A	Bolts and Nuts	1971	Replaced	N

7. Description of Work: Replaced Flange Bolting
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure psig Test Temp. °F

Remarks: See WR 99 AECZ2 turnover package. Suitability evaluation performed per evaluation # 00-001.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. Blum* ISI ENGINEER Date: 5/24, 2000
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 ~~N.C.~~ SOUTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's

Report during the period 12-1-99 to 6-2-00 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 or 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.

Robert McGill Commissions NC-978
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-2, 2000

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 5/23/00
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:97 ACOE1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 COMPONENT COOLING WATER SYSTEM 4080
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

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 Stamp (Yes or No)
HVH-8A	Marlo Coil	N/A	N/A	Cooling Coil	1971	Replaced	N

7. Description of Work: Replaced Cooling Coil.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[45] psig Test Temp.[61] °F

Remarks: See WR 97 ACOE1 turnover package. Suitability evaluation performed per evaluation # 99-053.

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.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. Miller* ISI ENGINEER Date: 5/24, 2000
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 SOUTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12-30-99 to 6-2-00 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 or 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.

Robert Mitchell Commissions NC-978
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-2-, 2000