



Serial: RNP-RA/10-0091

SEP 2 2 2010

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 and Light Company, also known as Progress Energy Carolinas, Inc., is providing, as an attachment to this letter, the Inservice Inspection Summary Report for Class 1 and Class 2 pressure retaining components and their supports. This report has been prepared in accordance with the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, 1995 Edition, 1996 Addenda, Article IWA-6000. This report covers inspection activities before and during Refueling Outage 26 at the H. B. Robinson Steam Electric Plant, Unit No. 2.

If you have any questions concerning this matter, please contact me at (843) 857-1626.

Sincerely,

Ca Castto

C. A. Castell Supervisor – Licensing/Regulatory Programs

CAC/ahv

Attachment

c: Resident Inspector, HBRSEP T. J. Orf, NRC, NRR L. A. Reyes, NRC, Region II

Progress Energy Carolinas, Inc. Robinson Nuclear Plant 3581 West Entrance Road Hartsville, SC 29550

ADH7 NRR

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

INSERVICE INSPECTION SUMMARY REPORT FOR REFUELING OUTAGE 26

INSERVICE INSPECTION REPORT INTERVAL 4, PERIOD 3, OUTAGE 1 (RO #26)

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ISI SUMMARY REPORT

FOR

H.B. ROBINSON NUCLEAR STATION (UNIT 2) 3581 WEST ENTRANCE ROAD HARTSVILLE, SC 29550

CAROLINA POWER AND LIGHT, Dba, PROGRESS ENERGY CAROLINAS, INC. 411 FAYETTEVILLE STREET RALEIGH, NC 27602

COMMERCIAL SERVICE DATE: 3/7/71

REPORT COMPLETION DATE: 8/31/2010

APPENDIX II -MANDATORY

FORM NIS-1

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

1. Owner: <u>CP&L</u>, Inc, <u>Dba Progress Energy Carolinas</u>, Inc., <u>411 Fayetteville St.</u>, <u>Raleigh</u>, <u>NC</u> <u>27602</u>

(Name and Address of Owner)

- 2. Plant: <u>H.B. Robinson, 3581 West Entrance Rd., Hartsville, SC 29550</u> (Name and Address of Plant)
- 3. Plant Unit : 2

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

- 5. Commercial Service Date: 3/7/1971
- 6. National Board Number for Unit : 20772
- 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 A | Westinghouse | S/N 93732 | N/A | N/A |
| Steam Generator B | Westinghouse | S/N 93733 | N/A | N/A |
| Steam Generator C | Westinghouse | S/N 93734 | N/A | N/A |
| Reactor Coolant Pump A | Westinghouse | CPLRCPCPC1 | N/A | N/A |
| Reactor Coolant Pump B | Westinghouse | CPLRCPCPC2 | N/A | N/A |
| Reactor Coolant Pump C | Westinghouse | CPLRCPCPC3 | N/A | N/A |
| Residual Removal Heat Exchanger "A" | Atlas Industries Mfg. Co. | #881 | N/A | #731 |
| Piping | Ebasco Services | N/A | N/A | N/A |
| Piping | Maintenance | N/A | N/A | N/A |

Form NIS-1 SECTION XI - DIVISION 1 1995 Edition, thru 1996 Addenda

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/15/2010</u> to <u>7/16/2010</u>
- 9. Inspection Period Identification: Period 3 (2/19/2009 / 2/19/2012)
- 10. Inspection Interval from: 2/19/2002 to 2/18/2012
- 11. Applicable Editions of Section XI: 1995 Edition, thru 1996 Addenda
- 12. Date / Revision of the Inspection Plan: 9/28/2008 Revision 16
- 13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

See Attached Summaries

12. Abstract of Results of Examination and Tests.

See Attached Summaries

13. Abstract of Corrective Measures.

See attached Summaries

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

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

Date: 8/31/2010 Signed: Progress Energy Carolinas, Inc. By: Mulloc

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBCT</u> have inspected the components described in this Owner's Report during the period <u>4/15/2010</u> to <u>7/19/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this 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.

Inspector's Signature

Commissions <u>NC 1580</u> National Board, State, Province, and Endorsement

Date: 8/31/2010

1.0 ABSTRACT

- 1.1 This report presents the results of the Inservice Inspection of the Fourth Interval, Third Period, First Outage, for refueling outage number twenty-six (RO-26) at the H. B. Robinson Unit 2 Nuclear Station. Examinations of steam generator feedwater nozzles per NRC IE Bulletin No. 79-13, piping welds, piping supports, component welds, component supports, and bolting and were conducted in accordance with ASME Section XI, 1995 Edition, thru 1996 Addenda. Repair and replacement efforts included modification and maintenance of component replacements. 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, and IWD-5000.
- 1.2 Indications discovered during visual examination of component supports were evaluated and accepted, repaired or restored to the original design configurations.

2.0 INTRODUCTION

2.1 This report contains a detailed item-by-item summary of examinations and results performed by Progress Energy Carolinas, Inc., AREVA, iTi integrated Technologies, Inc., during RO-26 (3/28/2010 thru 7/19/2010). The Fourth Interval, Third Period examination percentage requirements are contained in Tab F. Examination reports, sketches, examination limitations, consumable testing materials, personnel qualifications and calibration standards are retained by Progress Energy Carolinas, Inc. on site. Detailed information for outage activities is contained in the Inservice Inspection RO-26 Final Report. These reports may be obtained through the Progress Energy Carolinas, Inc. plant document control services.

3.0 EDDY CURRENT EXAMINATION

3.1 Steam generator Eddy-Current Testing was performed during refueling outage26. Details of the examinations performed are contained in Tab A.

4.0 INSERVICE EXAMINATION EVALUATION

4.1 The inservice inspection non-destructive examinations performed during RO-26 at H. B. Robinson, Unit 2 Nuclear Station were conducted in accordance with the RO-26 outage plan derived from the Fourth Ten Year Inservice Inspection Program and Plan. This plan meets the requirements of ASME Section XI as defined in the 1995 Edition, thru the 1996 Addenda, H. B. Robinson, Unit 2 and Title 10 of the Code of Federal Regulations, Part 50.55a(g) including those applicable relief requests approved by the Nuclear Regulatory Commission for the Fourth Ten-Year Interval.

4.2 All ASME Code inservice examinations performed were conducted by the use of Progress Energy procedures and documented on procedural data reports. Augmented supplemental volumetric examinations performed under ASME Code Case N-722 by Areva were conducted on the bottom mounted instrumentation tube to validate integrity of the tube due to outside masking condition created from leakage at the cavity seal. Each data report details the component or system examined, examination method employed, the procedure used to perform the test and all pertinent equipment settings or examination conditions. Recordable indications were documented and evaluated within the individual data reports. The examination and evaluation reports are contained in Inservice Inspection RO 26 ISI Final Report and are retained by H. B. Robinson Nuclear Station as permanent records for retrieval and review for the life of the plant. 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.

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- 4.3 Ultrasonic and magnetic particle revealed no service-induced flaws exceeding the acceptance criteria of ASME Section XI, 1995 Edition, thru 1996 Addenda.
- 4.4 Visual examinations of supports, which revealed indications requiring evaluation, were determined to be functional. All reported indications on supports were evaluated by Civil Engineering under the Corrective Action Program (CAP) to determine if the supports were functional and had no operability concerns. However, in some cases, Progress Energy Carolinas, Inc. has elected to restore the supports to their original design via the WR (Work Request) and WO (Work Order) process and re-inspected to ensure those components have been returned to their design condition.
- 4.5 The results of examinations performed at the H. B. Robinson Nuclear Station during RO-26 are classified into one of the following categories:

Sat - No Rejectable Indications UnSat - Rejectable Indications

- 4.6 The Inservice Examination Summary tables (TAB B) itemize the components examined during RO-26. The percent Code required volume (CRV) or Code required area (CRA) covered during the examination, if less than or equal to 90%, is delineated in the comment section of the examination. The following is a brief explanation of the type of information included in the NDE Summary:
 - <u>Summary No.</u> Unique tracking number utilized within the ISI Program/Plan.
 - <u>Component ID</u> Identification of the component examined or tested
 - <u>Component Description</u> A description of the component configuration
 - **<u>Category</u>** The ASME code category that the examination was performed to.
 - <u>Item</u> The item number of the applicable code category that the examination was performed to.
 - <u>Procedure</u> The procedure utilized to perform the examination.

- <u>Method</u> The examination or test method
- **<u>Report #</u>** The unique examination number assigned to an exam.
- **<u>Results</u>** The results of the examination
- **<u>System</u>** The system on which the component was examined
- <u>ISO Number</u> The isometric drawing identifying the location of the component being examined.
- Exam Date The date the examination was completed.

5.0 AUGMENTED EXAMINATION PROGRAM

5.1 The Augmented Examination Program (Items E-1, E-2, E-8, E-10, E-11 & E-12) included in this report documents the inspections performed to satisfy regulatory documents or commitments, other than ASME Section XI. During refueling outage RO-26, ultrasonic examinations were conducted in accordance with NRC commitment ID 92R0362 for the steam generator feedwater nozzles (79-13). Visual examination of the Bottom Mounted Instrumentation (BMI) was performed to Code Case N-722. Visual examination of the Control Rod Drive penetrations was performed to ASME Code Case N-729-1. Small Bore License Renewal volumetric examinations were performed to meet the extended period of operation commitment. Additional augmented exams included containment spray "best effort" ultrasonic examinations with no recordable indications noted. These examinations are summarized in the Augmented Examination Summary, TAB C, of this Report.

| Category | ltem Number | Source document |
|----------|----------------|---|
| Augment | E-1 | 92R0362 for the steam generator feedwater nozzles (79-13) |
| Augment | E-2 | ISI Program commitment for Accumulator nozzles |
| Augment | E-8 | ISI Program commitment for Containment Spray |
| Augment | E-10 | ASME Code Case N-722 |
| Augment | E-11 | ASME Code Case N-729-1 |
| Augment | E-12 | Small Bore License Renewal |

6.0 PRESERVICE EXAMINATION

- 6.1 Preservice examination of Code Class components were conducted at the H.B. Robinson Unit 2 Plant from the close of RO-25 (November 7, 2008) to the close of RO-26 (July 19, 2010) were performed to the requirements of ASME Section XI 1995 Edition, thru 1996 Addenda. A summary of these examinations and the results are listed in the Preservice Examination Summary, TAB D, of this report.
- 6.2 The detailed examination data sheets recording all of the volumetric, surface and visual results for the preservice examinations are located in the Inservice Inspection RO 26 ISI Final Report and may be obtained through the Progress Energy Carolinas, Inc., H.B. Robinson Plant Document Control Services.

7.0 PRESSURE TEST SUMMARY

7.1 Pressure tests and VT-2 examinations are performed in conjunction with ASME Section XI 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 completed pressure tests is listed in the Pressure Test Summary, TAB E, of this Report.

8.0 IWE/IWL PROGRAM

8.1 Containment Metallic Liner – 50.55a(b)(2)(ix)(A)

50.55a(b)(2)(ix)(A)(1)

The containment liner is generally inaccessible as it is covered with insulation and sheathing panels with caulked joints. During every Refueling Outage, a number of the insulation and sheathing panels are removed to access and inspect the metallic liner in conformance with approved relief requests (IWE/IWL-RR-01 and IWE/IWL-RR-02) from ASME Boiler and Pressure Vessel Code, Section XI, Subsections IWE and IWL requirements for Containment Inspection.

During RFO-26 (2010), visual examination and measurements on the metallic liner showed pit and banded corrosion and/or bulge at some areas. At all the locations where liner bulge was observed, no active corrosion was observed behind (reverse side) the metallic liner. Coating is generally applied to protect the metallic liner from corrosion but the coatings were observed to be less effective at locations where severe corrosion was found. Degradation of the coatings is partly due to non-conformance of the insulation/sheathing panel to its original design specification which inferred a system completely impervious to moisture. Presence of moisture behind the insulation system and long-term leaching of chloride ion from the insulation system are considered to have contributed to degradation of the protective coatings and subsequent corrosion of the metallic liner.

50.55a(b)(2)(ix)(A)(2)

Given the magnitude of the containment internal surface area which exceeds 57,000 ft² or 2,200 panels of sheathing/insulated liner from ground level to more than 90 ft above the operating deck, it is impractical to conduct an immediate inspection of the entire containment metallic liner.

A total of 76 insulation and sheathing panels were removed during RFO-26 to provide accessibility for metallic liner examination. The panels removed were randomly selected, representative, and are located between elevations 228ft (the lowest row of the insulation and sheathing panels) and 284ft. The effect of wall thinning due to corrosion and bulge on the ability of the metallic liner to perform its safety-related function were evaluated quantitatively (calculations RNP-C/STRU-1128, Rev. 6, "Minimum Allowable Containment Liner Thickness" and RNP-C/STRU-1130, Rev. 2, "Analysis of Containment Liner Bulge"). The analyses performed in calculations RNP-C/STRU-1128, Rev. 6 and RNP-C/STRU-1130, Rev. 2 enveloped the worst case of liner corrosion and bulge observed during RFO-26. The analyses which include induced stresses in the liner under normal operating and design accidental conditions, compared with the design code allowable stresses indicate that the metallic liner is fully operable and the presence of corrosion and/or bulge does not impact its integrity or ability to act as leak tight barrier. All areas of the metallic liner where corrosion was observed have been refurbished and re-install to conform to original design requirements.

The severity of corrosion recorded during RFO-26 is similar to the level observed during RFO-25 (2008) and previously evaluated corrosion found during RFO inspections dating back to 1993. Engineering Change (EC72699, "Evaluation of Containment Building Liner, Insulation, Sheathing, and Coatings") which estimated future corrosion rate based on measured cumulative and historical data indicates that the metallic liner corrosion is at a relatively steady state. The largest magnitude of liner bulge observed during RFO-26 is below the extent observed dating back to 1976.

50.55a(b)(2)(ix)(A)(3)

The original liner insulation system specification which inferred a perfect impervious system throughout the service life of the plant is not maintainable. The assumption that the caulking joint will retain its elastic properties and will continue to bond the sheathing panels through multiple operating heat-up and cool-down cycles is non-conservative and impractical. A corrective action through Engineering Change is planned to revise the original insulation and sheathing specification to indicate that the system only serve the function of moisture resistant that is maintainable to the extent required to assure that the containment liner continue to perform its safety-related function of leak tight membrane under normal and design accidental conditions.

A feasibility study is currently being performed to evaluate the structural and functional adequacy of the containment metallic liner without the insulation and

sheathing panels. The result of the study will enhance the accessibility of the metallic liner and its long-term performance if it is proven that the metallic liner is capable of performing its safety-related function without the insulation and sheathing panels.

A Preventative Maintenance (PM) program is also planned to proactively remove insulation and sheathing panels; inspect the insulation system (coatings, insulation and sheathing panels, and caulking); refurbish and reinstall system to original design specification; and continuously monitoring the containment liner to assure that it is maintained to the original design condition.

8.2 Containment Concrete –50.55a(b)(2)(viii)(E)

50.55a(b)(2)(viii)(E)(1)

Concrete component of the containment building was inspected and evaluated for potential structural distress and conditions that can affect the integrity of the building and its ability to perform its safety-related function.

50.55a(b)(2)(viii)(E)(2)

Areas inspected for concrete degradation during RFO-26 include the exterior surface of the containment cylindrical wall (azimuths 0-90°, 90°-180°, 180°-270°, 270°-0°) and the dome, Boron Injection Tank room, Equipment Hatch area between El. 226ft and 252ft, Cable Vault Room, Pipe Alley, Purge Inlet room, Rod Control room, and the Airlock area.

Visual surface examination reports show that there is no major structural distress except some localized chemical leaching which resulted in staining of the concrete surface. Minimal concrete spalling was observed on the exterior of the containment cylindrical wall between azimuths 180° and 270°. Concrete staining and spalling observed will not affect the structural integrity of the containment building and its ability to perform its safety-related functions. The containment concrete areas inspected are fully operable and acceptable as-is.

50.55a(b)(2)(viii)(E)(3)

No corrective action is required or planned.

9.0 REPAIR AND REPLACEMENT PROGRAM

- 9.1 The H. B. Robinson Nuclear Station Repair and Replacement Program reporting period for the Fourth Ten-Year Interval is from the close of RO-25 (11/7/2008) to the close of RO-26 (7/19/2010). Repair/replacement activities that occurred during this time frame 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 all 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(b). The repair/replacement summaries are listed in the Repair/Replacement Summary, TAB G, of this Report.
- 9.2 Work Order evolutions performed during RO-26 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 Six NIS-2 Summary or shall be included in the next refueling outage Summary Report (RO-27), within the established guidelines of ASME Section XI, IWA-6230(b)
- 9.3 The enclosed repair and replacement summary (TAB G) and the attached ASME Section XI, NIS-2 forms (Attachment I) 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 WO (Work Order) document package, which is identified on the NIS-2 form.
- 9.4 The Owners Report for Repair/Replacement Activities, Form NIS-2 is provided in Attachment.

INSERVICE INSPECTION REPORT

REFUELING OUTAGE 26 INDEX OF EXAMINATIONS

TAB ACTIVITY

- A RO-26 STEAM GENERATOR EDDY CURRENT SUMMARY
- B RO-26 INSERVICE EXAMINATION SUMMARY
- C RO-26 AUGMENTED EXAMINATION SUMMARY
- D PRESERVICE EXAMINATION SUMMARY
- E PRESSURE TEST SUMMARY
- F EXAMINATION PERCENTAGE SUMMARY
- G REPAIR / REPLACEMENT SUMMARY

ATTACHMENT

REPAIR/REPLACEMENT NIS-2 FORMS



A

RO-26 STEAM GENERATOR EDDY CURRENT SUMMARY

ABSTRACT

The following summarizes the examination and results of the inspection that was performed by Westinghouse Electric Company during the H. B. Robinson Unit 2 RFO26 Spring 2010 outage.

The eddy current examinations were performed utilizing Zetec Bobbin Coil probes and Plus Point and/or Pancake Coil probes. The site specific eddy current detection and sizing techniques used to perform the examinations were based on EPRI Revision 7 qualified techniques.

| SG | Scope | Exams |
|-----|---------------------------------------|-------|
| | | |
| А | Total All Base Scope Programs | 6222 |
| А | Total Diagnostic Scope Programs | 182 |
| А | Total Tests All Programs | 6404 |
| | | |
| В | Total All Base Scope Programs | 6225 |
| В | Total Diagnostic Scope Programs | 328 |
| В | Total Tests All Programs | 6553 |
| | | |
| С | Total All Base Scope Programs | 6215 |
| С | Total Diagnostic Scope Programs | 257 |
| С | Total Tests All Programs | 6472 |
| | | |
| All | Combined Total All Tests All Programs | 19429 |

The following table summarizes inspection scope;

The following is a summary of new indications and mitigating actions;

| SG | New Wear Indications | Tubes Plugged | Wear <u>></u> TS limit* |
|------|----------------------|---------------|----------------------------|
| SG-A | 3 | 0 | 0 |
| SG-B | 20 | 7 | 2 |
| SG-C | 19 | 5 | 2 |

*Note: TS limit is 47% reduced 2% per year until next exam (47%-2*3) = 41% Based on the maximum depths of wear indications remaining in service, the slow growth rate, and the significant growth required to reach the integrity limits, it is expected that all tubes with indications will continue to satisfy the performance criteria throughout Cycle 27 and Cycle 28 which are the next two operating cycles.

TAB

B

RO-26 INSERVICE EXAMINATION SUMMARY

The following tables are arranged by ASME Code Class and CPL component identification. The 100 series are ASME Class 1, and the 200 series are ASME Class 2.

Code Required Volume (CRV) and Code Required Surface (CRS) have been identified throughout the ISI Summary Tables. When an examination is limited to \leq 90% CRV or CRS as defined in ASME Code Case N-460 and NRC Information Notice 98-42, a relief request (RR-20 future) shall be submitted within 12 months of the close of the Fourth Ten-Year Interval. Generic Code Cases that apply to all examinations are not specifically identified for each examination.

| | Component Identification | Component Description | Item Proce | edure Me | thod/Report/Results | System | Dwg/ISO | Exam Date |
|--------------------------|---|--|--|--|--|---|--|--|
| 900 | 101/A | RPV NOZZLE SUPPORT | F1.40 | NDEP- 0613 | VT / VT-10-865 / Eval | 1005 | HBR2-10618 SH00001 | 5/12/2010 |
| | | | | NDEP- 0613 | VT / VT-10-883 / Sat | 1005 | HBR2-10618 SH00001 | 6/26/2010 |
| omments: | | ination was performed on reactor vesse is generated for resolution. | el support. Acce | ess to the sup | oport is thru the air han | dler ductw | ork. Support exhibited ma | iterial loss and |
| | to the level of a causing the co would encroac | sposition Acceptable: Based on the e an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ve R's will serve to prevent the subject of the | R is required for number of year ssel Supports. A | this NCR. Re s and outage s previously | ecommend downgrade es, it is possible that the | of NCR to e degrada | Priority 3. If the Cavity lea tion could eventually reach | kage that is a level that |
| 100 | 101/B | RPV NOZZLE SUPPORT | F1.40 | NDEP- 0613 | VT / VT-10-866 / Eval | 1005 | HBR2-10618 SH00001 | 5/12/2010 |
| omments: | | ination was performed on reactor vesse s generated for resolution. | el support. Acce | ess to the sup | oport is thru the air han | dler ductw | ork. Support exhibited ma | iterial loss an |
| | Evaluation Dis | sposition Acceptable: Based on the e | avaluation conta | ined in AP 3 | 00274 the current love | | ion on the vessel supports | deee eet dee |
| | causing the co would encroac | an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ver R's will serve to prevent the subject of th | R is required for number of year ssel Supports. A | this NCR. Re s and outage s previously | ecommend downgrade es, it is possible that the | of NCR to e degradat | Priority 3. If the Cavity lea tion could eventually reach | kage that is a level that |
| 200 | causing the co would encroac | an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ve | R is required for number of year ssel Supports. A | this NCR. Re s and outage s previously | ecommend downgrade es, it is possible that the | of NCR to e degradat | Priority 3. If the Cavity lea tion could eventually reach | kage that is a level that eakage and it |
| | causing the co would encroac planned CORF 101/C A limited exam | an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ve are will serve to prevent the subject of th | R is required for number of year ssel Supports. A nis NCR from wo F1.40 | this NCR. Re s and outage s previously orsening. NDEP- 0613 | ecommend downgrade es, it is possible that the described, NCR 39895 VT / VT-10-867 / Eval | of NCR to e degrada 50 is addre 1005 | Priority 3. If the Cavity lea tion could eventually reach essing the issue of Cavity le HBR2-10618 SH00001 | kage that is a level that eakage and it 5/12/2010 |
| | causing the co would encroac planned CORF 101/C A limited exam AR 399274 wa Evaluation Dis to the level of a causing the co would encroac | an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ves c's will serve to prevent the subject of th RPV NOZZLE SUPPORT ination was performed on reactor vesse | R is required for number of year ssel Supports. A is NCR from wo F1.40 el support. Acce evaluation conta R is required for number of year ssel Supports. A | this NCR. Re s and outage s previously orsening. NDEP- 0613 ess to the sup ined in AR 39 this NCR. Re s and outage s previously | ecommend downgrade es, it is possible that the described, NCR 39895 VT / VT-10-867 / Eval oport is thru the air han 99274, the current leve ecommend downgrade es, it is possible that the | of NCR to e degrada 50 is addre 1005 dler ductw I of corros of NCR to e degradat | Priority 3. If the Cavity lea tion could eventually reach essing the issue of Cavity lea HBR2-10618 SH00001 York. Support exhibited ma ion on the vessel supports Priority 3. If the Cavity lea tion could eventually reach | kage that is a level that eakage and it 5/12/2010 terial loss an does not rise kage that is a level that |
| 200 Comments: 7875 | causing the co would encroac planned CORF 101/C A limited exam AR 399274 wa Evaluation Dis to the level of a causing the co would encroac planned CORF 101C/63(f) | an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ver s's will serve to prevent the subject of the RPV NOZZLE SUPPORT ination was performed on reactor vesse s generated for resolution. sposition Acceptable: Based on the e an Adverse Condition for which a CORF rrosion is left unabated for an extended h upon the structural integrity of the Ves | R is required for number of year ssel Supports. A his NCR from wo F1.40 el support. Acce evaluation conta R is required for number of year ssel Supports. A his NCR from wo ER B14.10 | this NCR. Re s and outage s previously orsening. NDEP- 0613 ess to the sup this NCR. Re s and outage s previously orsening. NDEP- 0201 | ecommend downgrade es, it is possible that the described, NCR 39895 VT / VT-10-867 / Eval port is thru the air han 99274, the current leve ecommend downgrade es, it is possible that the described, NCR 39895 PT / PT-10-001 / Sat | of NCR to e degrada 50 is addre 1005 dler ductw I of corros of NCR to e degrada 50 is addre 1005 | Priority 3. If the Cavity lea tion could eventually reach essing the issue of Cavity lea HBR2-10618 SH00001 work. Support exhibited ma ion on the vessel supports Priority 3. If the Cavity lea tion could eventually reach essing the issue of Cavity lea HBR2-10618 SH00004 | kage that is a level that sakage and it 5/12/2010 terial loss an does not rise kage that is a level that sakage and it |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|--------------------------------|--|-------------------------|----------------------------------|---|-------------|--------------------------------|--------------|
| 27950 | 101C/64(f) | BOTTOM CRDM HEAD ADAPT | ER B1 | 4.10 NDEP 0201 | - PT / PT-10-002 / Sat | 1005 | HBR2-10618 SH00004 | 4/27/2010 |
| Comments: | A surface exami | nation was performed on this compon | ent weld t | o the 1995 Edi | ion, 1996 Addenda of ASI | ME Section | n XI with satisfactory results | 5 . |
| 33200 | 105B/INLET | NOZZLE INNER RADIUS | В3 | .140 NDEP 0606 | - VT / VT-10-838 / Sat | 2005 | HBR2-10618 SH00008 | 5/5/2010 |
| Comments: | | sual examination was performed on th n satisfactory results. | is compor | nent inner radiu | s to the 1995 Edition, 199 | 6 Addenda | a of ASME Section XI and A | SME Code |
| 33300 | 105B/OUTLET | NOZZLE INNER RADIUS | В3 | .140 NDEP 0606 | - VT / VT-10-839 / Sat | 2005 | HBR2-10618 SH00008 | 5/5/2010 |
| Comments: | | sual examination was performed on th n satisfactory results. | is compor | | Q | 6 Addenda | a of ASME Section XI and A | SME Code |
| 33000 | 105B/CL-MNY- BLT | MANWAY BOLTING | B7 | 7.30 NDEP 0611 | - VT / VE-10-001 / Sat | 2005 | HBR2-10618 SH00008 | 1/19/2010 |
| Comments: | A visual examination | ation was performed on this component | nt bolting | to the 1995 Ed | tion, 1996 Addenda of AS | ME Sectio | n XI with satisfactory result | S. |
| 33100 | 105B/HL-MNY- BLT | MANWAY BOLTING | B7 | 7.30 NDEP 0611 | - VT / VE-10-002 / Sat | 2005 | HBR2-10618 SH00008 | 1/19/2010 |
| Comments: | | ation was performed on this compone | nt bolting t | · · | | ME Sectio | n XI with satisfactory result | 5. |
| 41600 | 108/RC-10-H2 | CONSTANT LOAD SPRING HANGER | F1. | 10C NDEP 0613 | - VT / VT-10-375 / Eval | 2005 | HBR2-10618 SH00013 | 4/28/2010 |
| Comments: | | ation was performed on this component ntified a cold setting that required eval | | to the 1995 Ec | lition, 1996 Addenda of AS | SME Section | on XI with unsatisfactory res | sults. |
| | RC-1-2711) ON The Code (ASM | Dosition Acceptable: RC-10-H2, CO THE SURGE LINE, THE REPORTED E BPVC, Section III, Division 1, Appen within 1/4" of the cold setting and is the |) SETTIN ndix K) all | G IS WITHIN 1 ows for a devia | /8" OF THE COLD SETTI tion of +/- 1/4" of the spec | NG. Civil | Engineering Evaluation: | |
| 46800 | 110/SI-875D(B) | VALVE SI-875D BOLTING | B7 | 7.70 NDEP 0611 | - VT / VT-10-861 / Sat | 2080 | HBR2-10618 SH00015 | 5/4/2010 |
| Comments: | A visual examination | ation was performed on this componer | nt valve bo | | | of ASME | Section XI with satisfactory | results. |

| Summary No. | Component Identification | Component Description | Item Procee | dure Me | thod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-----------------------------|--|------------------|---------------------|-------------------------------|------------|-------------------------------|----------------|
| 46900 | 110/SI-875D(I) | VALVE SI-875D BODY INTERIOR | B12.50(C) | NDEP- | VT / VT-10-862 / | 2080 | HBR2-10618 SH00015 | 5/4/2010 |
| Comments: | | ation was performed on this component | valve body inte | 0613 rior to the | Sat 1995 Edition, 1996 Add | enda of A | SME Section XI with satisfa | ctory results. |
| 58700 | 116/RC-3-2405 | WELDED DUAL SPRING HANGER | F1.10C | NDEP- 0613 | VT / VT-10-442 / Sat | 2005 | HBR2-10618 SH00021 | 7/7/2010 |
| Comments | | ation was performed on this component nerated for missing parts and Civil Engir | | | | | | |
| 72400 | 122/19A | PIPE TO ELBOW | B9.21 | NDEP- 0201 | PT / PT-10-032 / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments | : A surface exami | ination was performed on this compone | nt weld to the 1 | 995 Edition | , 1996 Addenda of ASM | ME Section | n XI with satisfactory result | ð. |
| 72500 | 122/20 | ELBOW TO ELBOW | B9.21 | NDEP- 0201 | PT / PT-10-033 / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments | : A surface exami | ination was performed on this compone | nt weld to the 1 | | | ME Section | n XI with satisfactory result | S. |
| 72600 | 122/21 | ELBOW TO PIPE | B9.21 | NDEP- 0201 | PT / PT-10-034 / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments | : A surface exami | ination was performed on this compone | nt weld to the 1 | | | ME Section | n XI with satisfactory result | S. |
| 86700 | 124/16 | PIPE TO ELBOW | B9.21 | NDEP- 0201 | PT / PT-10-035 / Sat | 2060 | HBR2-10618 SH00036 | 5/1/2010 |
| Comments | : A surface exami | ination was performed on this compone | nt weld to the 1 | | | ME Section | n XI with satisfactory result | 3. |
| 86800 | 124/16A | ELBOW TO PIPE | B9.21 | NDEP- 0201 | PT / PT-10-036 / Sat | 2060 | HBR2-10618 SH00036 | 5/1/2010 |
| Comments | : A surface exami | ination was performed on this compone | nt weld to the 1 | | | ME Sectio | n XI with satisfactory result | 3. |
| 88200 | 124/CH-4-52 | CLOSED BOX RESTRAINT | F1.10B | NDEP- 0613 | VT / VT-10-376 / Sat | 2060 | HBR2-10618 SH00036 | 5/1/2010 |
| Comments | : A visual examination | ation was performed on this component | support to the | 1995 Editio | n, 1996 Addenda of AS | SME Secti | on XI with satisfactory resu | ts. |

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| Summary No. | Component Identification | Component Description | Item Prod | edure Me | ethod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-----------------------------|---|---------------|----------------|-------------------------|-------------|-------------------------------|--------------|
| | | | | | | | | |
| 130550 | 141/SI-1-105 | CLOSED BOX RESTRAINT | F1.10A | NDEP- 0613 | VT / VT-10-868 / Sat | 2080 | HBR2-10618 SH00053 | 5/16/2010 |
| Comments: | A pre-service v results. | isual examination was performed on this o | component : | support to the | 1995 Edition, 1996 Ad | denda of A | ASME Section XI with satisf | actory |
| 162100 | 144A/C-INT | RCP C INTERNAL CASING | B12.20 | NDEP- 0613 | VT / VT-10-863 / Sat | 2005 | HBR2-10618 SH00057 | 5/7/2010 |
| Comments: | | nation of approximately 2/3 of pump bowl ea was limited due to the pump bowl conta | | | | | n XI, 1995 Edition, 1996 Ad | denda. The |
| 155600 | 144/C-FLG | RCP C FLANGE SURFACE 1 | B6.190 | NDEP- 0611 | VT / VE-10-141 / Sat | 2005 | HBR2-10618 SH00056 | 5/5/2010 |
| Comments: | A visual examir | nation was performed on this component s | surface to th | e 1995 Editio | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 158101 | 144/C-N01 - 144/C-N24 | RCP C NUTS 1 - 24 | B6.200 | NDEP- 0611 | VT / VT-10-750 / Sat | 2005 | HBR2-10618 SH00056 | 3/30/2010 |
| Comments: | A visual examir | nation was performed on this component w | veld to the 1 | 995 Edition, | 1996 Addenda of ASM | E Section 2 | XI with satisfactory results. | |
| 160501 | 144/C-S01 - 144/C-S24 | RCP C MAIN FLANGE STUDS 1 - 24 | B6.180 | NDEP- 0439 | UT / UT-10-042 / Sat | 2005 | HBR2-10618 SH00056 | 4/24/2010 |
| Comments: | A volumetric ex | amination was performed on this compon | ent to the 1 | 995 Edition, 1 | 996 Addenda of ASME | Section X | (I with satisfactory results. | |

| ummary lo. | Component Identification | Component Description | item | Procedure | Method/Report/Results | System | Dwg/ISO | Exam Date |
|---------------|--|--|--|---|--|---|---|---|
| 64800 | 202/WS-3 | BIT TANK SUPPORT LEG | F1 | .40 NDE 0613 NDE | Eval P- VT / VT-10-872 / | 2080 2080 | HBR2-10618 SH00058 HBR2-10618 SH00058 | 4/26/2010 |
| Comments: | | nation was performed on this compone S-3 on drawing HRR2-10618 SH00058 | | | Edition, 1996 Addenda of A | | | |
| | The condition was at the sou baseplate. Th anchors. Civil (approximately Therefore, the and support st construction. walkway in the baseplate. Ho The grout arou | sposition Acceptable : was walked down and inspected by Civ theast edge of the northeast baseplate e design function of the grout is to prov engineering inspection confirmed that v 3/8") of grout under the extreme corne condition of the grout for the northeast ructure. However, though the impact is The cause of the broken grout is believ room. Civil engineering inspection als wever, the grout under the bearing sur and the northwest baseplate is not degree grout for northwest baseplate appear. | and closes vide a level the damage or of the base baseplate s insignifica ved to be du so discovere face of the raded or no | st the walkwa bearing surfa e was primar seplate was was conclud int, this cond ue to impact f ed a section plate was int n-conforming | y in the room. The hairline ace under the baseplate to e ily limited to the nonbearing damaged. The damaged at ed to have an insignificant i tion is considered non-conf rom equipment movement i of the grout around the nort act. Therefore, the grout ar J. Based on the condition o | crack was ensure full portion of rea was sev mpact to th orming sind n the area hwest base ound the n | on the northeast of the nor bearing contact and reduce the grout. A relatively sma veral inches away from the e structural capacity of the ce it is adverse to the quali since the damage was loca eplate did not fully extend a orthwest baseplate is "fully | theast e prying on the Il section anchors. baseplate ty of the ated at the round the functional". |
| 64900 | 202/WS-4 | BIT TANK SUPPORT LEG | F1 | .40 NDE | | 2080 | HBR2-10618 SH00058 | 4/26/2010 |
| Comments: | A visual exami | nation was performed on this compone | ent support | | | SME Section | on XI with satisfactory resu | its. |
| 75500 | 212/21 | PIPE TO VALVE MS-V1-3A WE | LD C5 | 51 NDE 0301 NDE 0437 | Sat P- UT / UT-10-003 | 3020 3020 | HBR2-10618 SH00071 HBR2-10618 SH00071 | 4/22/2010 4/22/2010 |
| | | | | NDE 0437 | P- UT / UT-10-003 | 3020 | HBR2-10618 SH00071 | 4/22/2010 |
| Comments: | A visual exami 212/21 | nation was performed on this compone | ent support | 0613 to the 1995 I 0301 NDE 0437 NDE 0437 | Sat Edition, 1996 Addenda of A P- MT / MT-10-001 / Sat P- UT / UT-10-003 (Page 1) / Sat P- UT / UT-10-003 (Page 2) / Sat | SME Sectio 3020 3020 3020 | n XI wi HBR2 HBR2 HBR2 | ith satisfactory resul 2-10618 SH00071 2-10618 SH00071 2-10618 SH00071 |

Comments: A surface and volumetric examination was performed on this component weld to the 1995 Edition, 1996 Addenda of ASME Section XI with satisfactory results. The volumetric examination was limited to component geometry (pipe to valve) and will be included in Relief Request (RR-20 future) at the end of the Fourth Ten Year Interval.

| Summary No. | Component Identification | Component Description | Item Proce | dure Me | ethod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-----------------------------|--|-------------------|---------------------|---------------------------------------|-------------|--------------------------------|--------------|
| 186100 | 214/19 | PIPE TO VALVE MS-V1-3C WEI | LD C5.51 | NDEP- 0301 | MT / MT-10-002 / Sat | 3020 | HBR2-10618 SH00073 | 4/22/2010 |
| | | | | NDEP- 0437 | UT / UT-10-004 (Page 1) / Sat | 3020 | HBR2-10618 SH00073 | 4/22/2010 |
| | | | | NDEP- 0437 | UT / UT-10-004 (Page 2) / Sat | 3020 | HBR2-10618 SH00073 | 4/22/2010 |
| Comments: | | umetric examination was performed umetric examination was limited to con 'ear Interval. | | | | | | |
| 186500 | 214/23BC | PIPE TO BRANCH CONNECTIC | ON C5.81 | NDEP- 0301 | MT / MT-10-003 / Sat | 3020 | HBR2-10618 SH00073 | 4/22/2010 |
| Comments: | A surface examir | nation was performed on this compon | ent weld to the 1 | 995 Edition | , 1996 Addenda of ASM | IE Sectior | n XI with satisfactory results | s. |
| 188000 | 214/MS-1C-6012 | 2 SPRING HANGER | F1.20C | NDEP- 0613 | VT / VT-10-873 / Sat | 3020 | HBR2-10618 SH00073 | 6/16/2010 |
| Comments: | A visual examina | ition was performed on this componer | nt support to the | | | ME Section | on XI with satisfactory resul | ts. |
| 188200 | 214/MS-1C-6016 | SPRING HANGER | F1.20C | NDEP- 0613 | ⁻ VT / VT-10-378 / Eval | 3020 | HBR2-10618 SH00073 | 4/21/2010 |
| | | | | NDEP- 0613 | VT / VT-10-874 / Sat | 3020 | HBR2-10618 SH00073 | |
| Comments: | | tion was performed on this componer and design drawing setting is 8240#, | | | | ME Sectio | on XI with unsatisfactory res | sults. Cold |
| · | The as-found spr | osition Acceptable: The Code (ASI ring load is within 10% of the specified (R 434303 (OSCR 400608) was initiat RO-26. | d load of 8240# a | and is theref | fore acceptable. No fur | ther actior | n is required. However, as a | an |
| 188500 | 214/MS-1C-1004 | WELDED BOX RESTRAINT | F1.20B | NDEP- | VT / VT-10-377 / | 3020 | HBR2-10618 SH00073 | 4/21/2010 |
| Comments: | A visual examina | tion was performed on this componer | nt support to the | 0613 1995 Editio | Sat n, 1996 Addenda of AS | ME Sectio | on XI with satisfactory resul | ts. |
| 195100 | 215/FW-6A-1005 | 5 WELDED SLIDING STANCHION | F1.20B | NDEP- 0613 | VT / VT-10-379 / Sat | 3050 | HBR2-10618 SH00074 | 4/19/2010 |
| Comments: | A visual examina | tion was performed on this componer | nt support to the | | | ME Sectio | on XI with satisfactory result | ts. |

| Summary No | Component Identification | Component Description | Item Proce | edure M | ethod/Report/Results | System | Dwg/ISO | Exam Date |
|---------------|-----------------------------|---|--------------------|---------------|-------------------------|-------------|-------------------------------|--------------|
| 212900 | 219/SI-2-1366 | WELDED BOX RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-380 / Sat | 2080 | HBR2-10618 SH00078 | 4/27/2010 |
| Comments: | A visual examina | tion was performed on this compone | ent support to the | 1995 Editio | on, 1996 Addenda of AS | SME Secti | on XI with satisfactory resul | ts. |
| 208500 | 219/SI-2-1366- ATT | INTEGRAL ATTACHMENT | C3.20 | NDEP- 0201 | PT / PT-10-013 / Sat | 2080 | HBR2-10618 SH00078 | 4/27/2010 |
| Comments: | | nation was performed on this compor limited due to the configuration of th | | | | | | |
| 226400 | 221/SI-20-98 | SPRING HANGER | F1.20C | NDEP- 0613 | VT / VT-10-875 / Sat | 2045 | HBR2-10618 SH00082 | |
| Comments: | A visual examina | tion was performed on this compone | ent support to the | 1995 Editio | on, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 231600 | 221A/SI-20-1181 | STRUT RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-381 / Sat | 2045 | HBR2-10618 SH00083 | 4/22/2010 |
| Comments: | A visual examina | tion was performed on this compone | ent support to the | 1995 Editio | on, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 237400 | 221B/SI-20-445 | WELDED SPRING HANGER | F1.20C | NDEP- 0613 | VT / VT-10-383 / Sat | 2045 | HBR2-10618 SH00084 | 5/2/2010 |
| Comments: | A visual examina | tion was performed on this compone | ent support to the | 1995 Editio | on, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 237500 | 221B/SI-20-140 | SPRING HANGER | F1.20C | NDEP- 0613 | VT / VT-10-382 / Sat | 2045 | HBR2-10618 SH00084 | 5/2/2010 |
| Comments: | A visual examina | tion was performed on this compone | nt support to the | 1995 Editio | on, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 240100 | 222/SI-20A-84/1 | CLOSED BOX RESTRAINT & STRUT | F1.20B | NDEP- 0613 | VT / VT-10-385 / Sat | 2045 | HBR2-10618 SH00085 | 4/24/2010 |
| Comments: | A visual examina | tion was performed on this compone | nt support to the | | | ME Section | on XI with satisfactory resul | ts. |
| 240200 | 222/SI-20A-1185 | ROD HANGER | F1.20A | NDEP- 0613 | VT / VT-10-384 / Sat | 2045 | HBR2-10618 SH00085 | 4/24/2010 |
| Comments: | A visual examina | tion was performed on this compone | nt support to the | | | ME Section | on XI with satisfactory resul | ts. |
| 251300 | 230/SI-20-10 | CLOSED BOX RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-386 / Sat | 2080 | HBR2-10618 SH00092 | 4/26/2010 |
| Comments: | A visual examina | tion was performed on this compone | nt support to the | 1995 Editio | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |

| Summary No. | Component Identification | Component Description | Item Proce | edure Me | ethod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-----------------------------|--|--------------------|---------------------|-------------------------------|-------------|------------------------------|---------------|
| 255800 | 231/SI-20-71 | CLOSED BOX RESTRAINT | F1.20B | NDEP- | VT / VT-10-388 / | 2080 | HBR2-10618 SH00093 | 4/21/2010 |
| Comments: | A visual examina | ation was performed on this compone | ent support to the | 0613 1995 Editic | Sat on, 1996 Addenda of AS | SME Section | on XI with satisfactory resu | ts. |
| 256000 | 231/SI-20-1074 | SLIDING STANCHION | F1.20A | NDEP- 0613 | VT / VT-10-387 / Sat | 2080C | HBR2-10618 SH00093 | 4/21/2010 |
| Comments: | A visual examina | ation was performed on this compone | ent support to the | | | SME Section | on XI with satisfactory resu | ts. |
| 262400 | 232/SI-9-6008 | I-BEAM SUPPORT | F1.20A | NDEP- 0613 | VT / VT-10-389 / Sat | 2080C | HBR2-10618 SH00094 | 4/22/2010 |
| Comments: | A visual examina | ation was performed on this compone | ent support to the | | | SME Secti | on XI with satisfactory resu | lts. |
| 262500 | 232/SI-9-6009 | I-BEAM SUPPORT | F1.20A | NDEP- 0613 | VT / VT-10-390 / Sat | 2080C | HBR2-10618 SH00094 | 4/22/2010 |
| Comments: | A visual examination | ation was performed on this compone | ent support to the | 1995 Editic | | SME Section | on XI with satisfactory resu | ts. |
| 272200 | 233/SI-20A-1237 | 7 STRAP RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-391 / Sat | 2080 | HBR2-10618 SH00096 | 4/24/2010 |
| Comments: | : A visual examina | ation was performed on this compone | ent support to the | 1995 Editic | on, 1996 Addenda of As | SME Section | on XI with satisfactory resu | ts. |
| 280100 | 234A/SI-10-32 | CLOSED BOX RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-392 / Sat | 2080C | HBR2-10618 SH00098 | 4/22/2010 |
| Comments: | A visual examina | ation was performed on this compone | ent support to the | | | SME Section | on XI with satisfactory resu | ts. |
| 281100 | 234A/SI-10-6009 | DUAL SPRING SUPPORT | F1.20C | NDEP- 0613 | VT / VT-10-393 / Eval | 2080C | HBR2-10618 SH00098 | 4/22/2010 |
| Comments: | | ation was performed on this compone esign drawing does not identify a ran | | | , | | on XI with unsatisfactory re | sults. Spring |
| | | osition Acceptable: The Code (AS | | | | | | |

Per the pipe stress analysis for the associated piping (SI-10-4010), the hot and cold load for the spring is 832 lbs. The as-found spring load is within 8% of the specified load and is therefore acceptable. No further action is required.

| Summary No. | Component Identification | Component Description | Item Proce | edure Met | thod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-------------------------------|--|------------------|------------------------|--|--------------|--|----------------------|
| 283400 | 239/01 | TEE TO PIPE | C5.21 | NDEP- 0201 NDEP- | PT / PT-10-014 / Sat UT / UT-10-012 | 2080 2080 | HBR2-10618 SH00105 HBR2-10618 SH00105 | 5/2/2010 5/3/2010 |
| | | | | 0425 NDEP- 0425 | (Page 1) / Sat UT / UT-10-012 (Page 2) / Sat | 2080 | HBR2-10618 SH00105 | 5/3/2010 |
| Comments: | A surface and vertex results. | olumetric examination was performed o | on this compone | ent weld to th | | \ddenda o | f ASME Section XI with sat | isfactory |
| 83500 | 239/02 | PIPE TO VALVE SI-878A WELD | C5.21 | NDEP- 0201 | PT / PT-10-015 / Sat | 2080 | HBR2-10618 SH00105 | 5/2/2010 |
| | | | | NDEP- 0425 | UT / UT-10-013 (Page 1) / Sat | 2080 | HBR2-10618 SH00105 | 5/3/2010 |
| | | | | NDEP- 0425 | UT / UT-10-013 (Page 2) / Sat | 2080 | HBR2-10618 SH00105 | 5/3/2010 |
| Comments: | | olumetric examination was performed o umetric examination was limited to 50% | | | | | | isfactory |
| 88500 | 239/SI-4-6049 | ROD HANGER | F1.20A | NDEP- 0613 | VT / VT-10-394 / Sat | 2080 | HBR2-10618 SH00105 | 5/1/2010 |
| comments: | A visual examina | ation was performed on this componen | t support to the | | | ME Section | on XI with satisfactory resul | ts. |
| 91000 | 240/01 | SI PUMP C TO ELBOW | C5.21 | NDEP- 0201 | PT / PT-10-016 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| | | | | NDEP- 0425 | UT / UT-10-014 / Sat | 2080 | HBR2-10618 SH00106 | 4/24/2010 |
| Comments: | | olumetric examination was performed c umetric examination was limited to 93.2 | | | | | | |

| Summary No. | Component Identification | Component Description | Item Proce | edure Me | thod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-----------------------------|--|----------------------|----------------|----------------------------------|-----------|--------------------------------|--------------|
| 292100 | 240/10 | ELBOW TO PIPE | C5.21 | NDEP- 0201 | PT / PT-10-017 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| | | | | NDEP- 0425 | UT / UT-10-015 (Page 1) / Sat | 2080 | HBR2-10618 SH00106 | 4/24/2010 |
| | | | | NDEP- 0425 | UT / UT-10-015 (Page 2) / Sat | 2080 | HBR2-10618 SH00106 | 4/24/2010 |
| Comments: | | volumetric examination was perform nded indication was identified that wa | | | | | | lisfactory |
| 293200 | 240/19 | PIPE TO ELBOW | C5.21 | NDEP- 0201 | PT / PT-10-018 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| | | | | NDEP- 0425 | UT / UT-10-016 / Sat | 2080 | HBR2-10618 SH00106 | 4/24/2010 |
| Comments: | A surface and results. | volumetric examination was perform | ed on this compone | | | Adenda (| of ASME Section XI with sat | lisfactory |
| 293300 | 240/20 | ELBOW TO PIPE | C5.21 | NDEP- 0201 | PT / PT-10-019 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| | | | | NDEP- 0425 | UT / UT-10-017 (Page 1) / Sat | 2080 | HBR2-10618 SH00106 | 4/21/2010 |
| | | | | NDEP- 0425 | UT / UT-10-017 (Page 2) / Sat | 2080 | HBR2-10618 SH00106 | 4/24/2010 |
| Comments: | A surface and results. | volumetric examination was perform | ed on this compone | ent weld to th | e 1995 Edition, 1996 A | Adenda o | of ASME Section XI with sat | isfactory |
| 294440 | 240/43 | PIPE TO ELBOW | C5.30 | NDEP- 0201 | PT / PT-10-020 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| Comments: | A surface exar | mination was performed on this com | ponent weld to the 1 | 1995 Edition, | 1996 Addenda of ASM | IE Sectio | n XI with satisfactory results | S. |
| 294445 | 240/44 | ELBOW TO PIPE | C5.30 | NDEP- 0201 | PT / PT-10-021 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| Comments: | A surface exar | nination was performed on this com | ponent weld to the 1 | 1995 Edition, | 1996 Addenda of ASN | IE Sectio | n XI with satisfactory results | S. |
| 294455 | 240/46 | PIPE TO SOCKOLET | C5.41 | NDEP- 0201 | PT / PT-10-022 / Sat | 2080 | HBR2-10618 SH00106 | 4/26/2010 |
| Comments: | A surface exar | nination was performed on this comp | ponent weld to the 1 | 995 Edition, | | IE Sectio | n XI with satisfactory results | s. |

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| Summary No. | Component Identification | Component Description | Item Proce | edure Me | thod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|--------------------------------|-------------------------------------|--------------------|----------------|----------------------------------|-------------|--------------------------------|--------------|
| 294475 | 240/50 | PIPE TO ELBOW | C5.30 | NDEP- 0201 | PT / PT-10-023 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| Comments: | A surface exami | ination was performed on this compo | nent weld to the | | | IE Sectior | NXI with satisfactory results | |
| 294480 | 240/51 | ELBOW TO PIPE | C5.30 | NDEP- 0201 | PT / PT-10-024 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| Comments: | A surface exami | ination was performed on this compo | nent weld to the ' | 1995 Edition, | 1996 Addenda of ASM | IE Sectior | NXI with satisfactory results | |
| 294625 | 240/SI-4-8840 | PIPE STRAP RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-395 / Sat | 2080 | HBR2-10618 SH00106 | 4/23/2010 |
| Comments: | A visual examin | ation was performed on this compone | ent support to the | 1995 Editio | n, 1996 Addenda of AS | SME Section | on XI with satisfactory result | s. |
| 301000 | 241/55 | PIPE TO ELBOW | C5.21 | NDEP- 0201 | PT / PT-10-025 / Sat | 2080 | HBR2-10618 SH00107 | 4/23/2010 |
| | | | | NDEP- 0425 | UT / UT-10-018 / Sat | 2080 | HBR2-10618 SH00107 | 4/26/2010 |
| Comments: | A surface and vertice results. | olumetric examination was performe | d on this compon | ent weld to t | he 1995 Edition, 1996 | Addenda d | of ASME Section XI with sat | lisfactory |
| 302800 | 241/SI-4-1280 | CLOSED BOX RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-396 / Sat | 2080 | HBR2-10618 SH00107 | 4/24/2010 |
| Comments: | A visual examination | ation was performed on this compone | ent support to the | 1995 Editio | n, 1996 Addenda of AS | SME Section | on XI with satisfactory result | S. |
| 303000 | 241/SI-4-141 | CLOSED BOX RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-397 / Sat | 2080 | HBR2-10618 SH00107 | 4/23/2010 |
| Comments: | A visual examin | ation was performed on this compone | ent support to the | 1995 Editio | n, 1996 Addenda of AS | SME Section | on XI with satisfactory result | S. |
| 303600 | 242/01 | REDUCER TO PIPE | C5.21 | NDEP- 0201 | PT / PT-10-026 / Sat | 2080 | HBR2-10618 SH00108 | 4/26/2010 |
| | | | | NDEP- 0425 | UT / UT-10-019 (Page 1) / Sat | 2080 | HBR2-10618 SH00108 | 4/26/2010 |
| | | | | NDEP- 0425 | UT / UT-10-019 (Page 2) / Sat | 2080 | HBR2-10618 SH00108 | 4/26/2010 |
| Comments: | A surface and vertice results. | olumetric examination was performed | I on this compone | ent weld to th | ne 1995 Edition, 1996 A | Addenda o | f ASME Section XI with sati | sfactory |

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| Summary No. | Component Identification | Component Description | Item Proc | edure Me | ethod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|---------------------------------------|---|------------------|---------------|---------------------------|-------------|-------------------------------|----------------|
| 306700 | 242/SI-5-9 | U-BOLT RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-399 / Sat | 2080 | HBR2-10618 SH00108 | 4/23/2010 |
| Comments: | A visual examination | ation was performed on this componen | t support to the | e 1995 Editio | n, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 306800 | 242/SI-5-10 | CLOSED BOX RESTRAINT | F1.20B | NDEP- 0613 | VT / VT-10-398 / Sat | 2080 | HBR2-10618 SH00108 | 4/23/2010 |
| Comments: | A visual examination | ation was performed on this componen | t support to the | e 1995 Editio | on, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 308000 | 243/10 | PIPE TO VALVE SI-866A WELD | C5.30 | NDEP- 0201 | PT / PT-10-027 / Sat | 2080 | HBR2-10618 SH00109 | 5/5/2010 |
| Comments: | A pre-service su | rface examination was performed on the | nis component | weld to the | 1995 Edition, 1996 Add | enda of AS | SME Section XI with satisfa | ctory results. |
| 309000 | 243/18 | PIPE TO VALVE SI-866B WELD | C5.30 | NDEP- 0201 | PT / PT-10-028 / Sat | 2080 | HBR2-10618 SH00109 | 5/6/2010 |
| Comments: | A pre-service su | rface examination was performed on the | nis component | weld to the | 1995 Edition, 1996 Add | enda of As | SME Section XI with satisfa | ctory results. |
| 312900 | 244/SI-5-6003 | ROD HANGER | F1.20A | NDEP- 0613 | VT / VT-10-400 / Sat | 2080 | HBR2-10618 SH00110 | 4/24/2010 |
| Comments: | A visual examination | ation was performed on this componen | t support to the | e 1995 Editic | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 337500 | 304/WS3-A-ATT | INTEGRAL ATTACHMENT | D1.10 | NDEP- 0611 | VT / VT-10-364 / Sat | 4080 | HBR2-10618 SH00117 | 5/4/2010 |
| Comments: | A visual examina satisfactory resu | ation was performed on this componen Ilts. | t support welde | ed attachme | nt to the 1995 Edition, 1 | 996 Adde | nda of ASME Section XI wi | th |
| 337700 | 304/WS4-A-ATT | INTEGRAL ATTACHMENT | D1.10 | NDEP- 0611 | VT / VT-10-365 / Sat | 4080 | HBR2-10618 SH00117 | 5/4/2010 |
| Comments: | A visual examina satisfactory resu | ation was performed on this componen llts. | t support welde | ed attachme | nt to the 1995 Edition, 1 | 996 Adde | nda of ASME Section XI wi | th |
| 339100 | 309/AWS-ATT | INTEGRAL ATTACHMENT | D1.10 | NDEP- 0611 | VT / VT-10-366 / Sat | 4080 | HBR2-10618 SH00122 | 4/16/2010 |
| Comments: | A visual examina satisfactory resu | ation was performed on this componen Ilts. | t support welde | ed attachme | nt to the 1995 Edition, 1 | 996 Adde | nda of ASME Section XI wi | th |

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| Summary <u>No.</u> | Component Identification | Component Description | Item Proce | edure Me | thod/Report/Results | System | Dwg/ISO | Exam Date |
|-----------------------|--|--|--------------------|---------------|---------------------------|-------------|-------------------------------|--------------|
| 339200 | 309/BWS-ATT | INTEGRAL ATTACHMENT | D1.10 | NDEP- 0611 | VT / VT-10-367 / Sat | 4080 | HBR2-10618 SH00122 | 4/16/2010 |
| Comments: | A visual examinat satisfactory result | tion was performed on this compone s. | ent support welde | ed attachmen | it to the 1995 Edition, 1 | 1996 Adde | nda of ASME Section XI wi | th |
| 339500 | 313/SW-1-A-ATT | INTEGRAL ATTACHMENT | D1.20 | NDEP- 0611 | VT / VT-10-368 / Sat | 4060 | HBR2-10618 SH00126 | 5/1/2010 |
| Comments: | A visual examinat satisfactory result | tion was performed on this compone s. | ent support welde | ed attachmer | nt to the 1995 Edition, 1 | 1996 Adde | nda of ASME Section XI w | th |
| 343200 | 314/SW-2-1116- ATT | INTEGRAL ATTACHMENT | D1.20 | NDEP- 0611 | VT / VT-10-369 / Sat | 4060 | HBR2-10618 SH00128 | 4/16/2010 |
| Comments: | A visual examinat satisfactory result | tion was performed on this compone s. | ent support welde | ed attachmer | nt to the 1995 Edition, 1 | 1996 Adde | nda of ASME Section XI w | th |
| 346100 | 315/SW-3-1870- ATT | INTEGRAL ATTACHMENT | D1.20 | NDEP- 0611 | VT / VT-10-370 / Sat | 4060 | HBR2-10618 SH00130 | 4/26/2010 |
| Comments: | A visual examinat satisfactory result | ion was performed on this compone s. | ent support welde | ed attachmen | it to the 1995 Edition, 1 | 1996 Adde | nda of ASME Section XI wi | th |
| 398700 | 332/FW-6A-19- ATT | INTEGRAL ATTACHMENT | D1.20 | NDEP- 0611 | VT / VT-10-791 / Sat | 3050 | HBR2-10618 SH00148 | 4/20/2010 |
| Comments: | | ion was performed on this compone | ent support to the | | | SME Section | on XI with satisfactory resul | ts. |
| 408200 | 341/C-ATT | INTEGRAL ATTACHMENT | D1.30 | NDEP- 0611 | VT / VT-10-372 / Sat | 4080 | HBR2-10618 SH00159 | 4/26/2010 |
| Comments: | A visual examinat satisfactory result | ion was performed on this compone s. | ent support welde | ed attachmen | it to the 1995 Edition, 1 | 1996 Adde | nda of ASME Section XI wi | th |
| 408600 | 342/SDAFW-WS- ATT | INTEGRAL ATTACHMENT | D1.30 | NDEP- 0611 | VT / VT-10-373 / Sat | 3065 | HBR2-10618 SH00160 | 4/17/2010 |
| Comments: | A visual examinat satisfactory result | ion was performed on this compone s. | ent support welde | ed attachmen | it to the 1995 Edition, 1 | 996 Adde | nda of ASME Section XI wi | th |

| Summary No. | Component Identification | Component Description | _ltem Proce | edure Me | ethod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|---------------------------------------|--|------------------|---------------|---------------------------|-------------|-------------------------------|--------------|
| 409700 | 344/B-WS-ATT | INTEGRAL ATTACHMENT | D1.30 | NDEP- 0611 | VT / VT-10-374 / Sat | 7110 | HBR2-10618 SH00162 | 4/26/2010 |
| Comments: | A visual examina satisfactory resu | ation was performed on this componen lts. | t support welde | ed attachme | nt to the 1995 Edition, 1 | 1996 Adde | nda of ASME Section XI w | th |
| 337900 | 304/WS3-A | RHR HTX A EAST SUPPORT | F1.40 | NDEP- 0613 | VT / VT-10-401 / Sat | 4080 | HBR2-10618 SH00117 | 5/4/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | 1995 Editio | n, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 338100 | 304/WS4-A | RHR HTX A SOUTH SUPPORT | F1.40 | NDEP- 0613 | VT / VT-10-402 / Sat | 4080 | HBR2-10618 SH00117 | 5/4/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | e 1995 Editic | on, 1996 Addenda of AS | SME Section | on XI with satisfactory resu | ts. |
| 339300 | 309/AWS | CCW SURGE TANK | F1.40 | NDEP- 0613 | VT / VT-10-403 / Sat | 4080 | HBR2-10618 SH00122 | 4/16/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | 1995 Editio | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 339400 | 309/BWS | CCW SURGE TANK | F1.40 | NDEP- 0613 | VT / VT-10-404 / Sat | 4080 | HBR2-10618 SH00122 | 4/16/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | | n, 1996 Addenda of AS | ME Sectio | on XI with satisfactory resul | ts. |
| 340500 | 313/SW-1-A | WELDED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-409 / Sat | 4060 | HBR2-10618 SH00126 | 5/1/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | 1995 Editio | n, 1996 Addenda of AS | ME Sectio | on XI with satisfactory resul | ts. |
| 340600 | 313/SW-1-H-1 | SADDLE SUPPORT | F1.30B | NDEP- 0613 | VT / VT-10-410 / Sat | 4060 | HBR2-10618 SH00126 | 5/1/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | 1995 Editio | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 342300 | 313A/SW-14-50 | PEDESTAL SUPPORT | F1.30A | NDEP- 0613 | VT / VT-10-411 / Sat | 4060 | HBR2-10618 SH00127 | 4/24/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | 1995 Editio | n, 1996 Addenda of AS | ME Sectio | on XI with satisfactory resul | ts. |
| 342500 | 313A/SW-14-75 | PEDESTAL SUPPORT | F1.30A | NDEP- 0613 | VT / VT-10-412 / Sat | 4060 | HBR2-10618 SH00127 | 4/24/2010 |
| Comments: | A visual examina | ation was performed on this componen | t support to the | 1995 Editio | n, 1996 Addenda of AS | ME Sectio | on XI with satisfactory resul | ts. |

| Summary No. | Component Identification | Component Description | Item Proce | dure | Method/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|-----------------------------|---------------------------------------|--------------------|---------------|---------------------------|-------------|-------------------------------|--------------|
| 344000 | 314/SW-2-6120 | CLOSED BOX RESTRAINT | F1.30B | NDEP- 0613 | - VT / VT-10-415 / Sat | 4060 | HBR2-10618 SH00128 | 4/16/2010 |
| Comments: | : A visual examina | ation was performed on this compon | ent support to the | | | SME Secti | on XI with satisfactory resul | lts. |
| 344100 | 314/SW-2-6001 | I-BEAM SUPPORT | F1.30A | NDEP- 0613 | - VT / VT-10-414 / Sat | 4060 | HBR2-10618 SH00128 | 4/16/2010 |
| Comments: | : A visual examina | ation was performed on this compon | ent support to the | 1995 Ed | ition, 1996 Addenda of As | SME Secti | on XI with satisfactory resul | ts. |
| 344300 | 314/SW-2-1116 | WELDED BOX RESTRAINT | F1.30B | NDEP- 0613 | - VT / VT-10-413 / Sat | 4060 | HBR2-10618 SH00128 | 4/16/2010 |
| Comments: | A visual examina | ation was performed on this compon | ent support to the | 1995 Ed | ition, 1996 Addenda of As | SME Secti | on XI with satisfactory resul | ts. |
| 344800 | 314A/SW-2-6002 | 2 CLOSED BOX RESTRAINT | F1.30B | NDEP- 0613 | - VT / VT-10-416 / Sat | 4060 | HBR2-10618 SH00129 | 4/21/2010 |
| Comments: | A visual examina | ation was performed on this compon | ent support to the | 1995 Ed | ition, 1996 Addenda of As | SME Section | on XI with satisfactory resul | ts. |
| 346600 | 315/SW-3-1870 | WELDED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-418 / Sat | 4060 | HBR2-10618 SH00130 | 4/21/2010 |
| Comments: | A visual examina | ation was performed on this compon | ent support to the | 1995 Ed | ition, 1996 Addenda of As | SME Section | on XI with satisfactory resul | ts. |
| 346700 | 315/SW-3-1863 | CLOSED BOX RESTRAINT | F1.30B | NDEP- 0613 | • VT / VT-10-417 / Sat | 4060 | HBR2-10618 SH00130 | 4/21/2010 |
| Comments: | A visual examina | ation was performed on this compon | ent support to the | 1995 Ed | ition, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |
| 347900 | 323/SW-12-6019 | | F1.30A | NDEP- 0613 | Sat | 4060 | HBR2-10618 SH00134 | 5/3/2010 |
| Comments: | : A visual examina | ation was performed on this component | ent support to the | 1995 Ed | ition, 1996 Addenda of AS | SME Section | on XI with satisfactory resul | ts. |

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|----------------|--|---|--|---|---|--|--|--|
| Summary No. | Component Identification | Component Description | Item Proce | oduro Ma | thod/Report/Results | System | Dwa/ISO | Exam Date |
| 110. | | Component Description | | | | Oystern | Dwg/IOO | |
| 377300 | 325/AC-1-6003 | WELDED STANCHION | F1.30B | NDEP- 0613 | VT / VT-10-423 / Eval | 4080 | HBR2-10618 SH00139 | 4/26/2010 |
| Comments: | | ation was performed on this compor ad engagement was identified which | | | | SME Secti | on XI with unsatisfactory re | sults. |
| | Support per rest verified the threa shows that this s credit the base p which merely res described in the load per design, functions within i | raint calculation AC-1-6003 shows i and engagement issue on the southw support evaluation is bounded by the late anchors to sustain any load. The sts on the main bearing base plate. respective calculations. As such no the thread engagement deficiency is ts design requirement and is accep- ninations. No further review is require | est corner of the l e identical support is is made appart This floating plate moment, tension s a non-issue as i table as is. The ca | base plate re t per calculat ent by the fa arrangemer , or shear loa meeting a m | lated to that specific su ion AC-1-6005. A revie ct that the 6" pipe stand at allows for the transfe ads are transferred to t nimum bolt load allowa | upport. A r w of AC-1 chion is we r of vertica ne anchor able value | eview of support calculation -6005 shows that the design alded to a floating 10"x10"x al downward design loads of s. Considering the anchors is not required. As such the | n AC-1-6003 yn does not 3/8" plate inly as receive no e support still |
| 378300 | 325/AC-2-26/4 | CLOSED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-440 / Sat | 4080 | HBR2-10618 SH00139 | 5/24/2010 |
| Comments: | A visual examination | ation was performed on this compor | ient support to the | e 1995 Editio | n, 1996 Addenda of As | SME Secti | on XI with satisfactory resu | lts. |
| 378400 | 325/AC-2-6002 | CLEVIS ROD HANGER | F1.30A | NDEP- 0613 | VT / VT-10-441 / Eval | 4080 | HBR2-10618 SH00139 | 5/24/2010 |
| | | | | NDEP- 0613 | VT / VT-10-871 / | 4080 | HBR2-10618 SH00139 | |
| Comments: | Evaluation Disp pipe clevis. The maintain a forced there is a verified | ation was performed on this compor position Acceptable: Per inspection locknut is located on the bottom sid d on the primary nut which to ensured d 2° angularity in the rod. However, ngers; therefore replacement/repair | on by Civil Engine le of the welded b e it will not get loo the 2° angularity | ering, the loc eam attachn se. The nec | knut in question is actu nent and therefore doe essary locking force is | ally for the s not carry achieved | e welded beam attachment any load. The locknut is i with the current configuration | and not the ntended to on. Also, |
| 378500 | 325/AC-2-232 | CLOSED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-864 / Sat | 4080 | HBR2-10618 SH00139 | 5/24/2010 |
| Comments: | A visual examina | tion was performed on this compor | ent support to the | | | 6ME Secti | on XI with satisfactory resu | lts. |
| | | | | | | | | |

| Summary No. | Component Identification | Component Description | Item Proc | edure Me | thod/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|--|---|---|--|---|--|---|---|
| 383500 | 326/AC-3-1175 | WELDED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-424 / Sat | 4080 | HBR2-10618 SH00140 | 5/1/2010 |
| Comments: | A visual examinat | ion was performed on this compone | nt support to the | e 1995 Edition | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 385100 | 327/AC-5-6006 | SLIDING STANCHION | F1.30A | NDEP- 0613 | VT / VT-10-425 / Eval | 4080 | HBR2-10618 SH00141 | 4/26/2010 |
| Comments: | | tion was performed on this compone d engagement was identified which r | | | | ME Section | on XI with unsatisfactory re- | sults. |
| | piping system. Ho stress analysis, fii in response to ho loosening of bolts does indeed show that craft removed of moments and t | nt stress calculation AC-5-7405. As owever during NRC bulletin 79-14 re- rst on the 79-14 Program Closeout S w to remove its anchoring capabilitie in the AC-5-N-26 (Sheet 1 of 1) det v one loosened anchor in the northe d the anchoring capabilities by cuttin ensile loads to the anchors. As such e calculation and affected drawings s il documentation. | conciliation and Summary Sheet es. As the speed ails is absolutely ast corner of the g the pipe stanc , the requirement | re-analysis th (Page 135) a letter descrif v necessary to base plate. I hion and inst nt of the Ebas | ne support was deleted and again more specific bes, "as the anchor at r o qualify the piping sys However the remaining alling two 6"x6"x1/2" pl sco memo is met. Ther | as an and ally on Eb node point tem." Civit anchors a ates midw efore, sup | chor. This is clearly address basco Speed Letter, SL-153 1007 [N-26] is deleted the il engineering inspection of are left intact. Further inspe yay up the support to preven port is within the proper de | sed in the (Page 148) removal or the support ction shows nt transferring sign |
| 388200 | 328/AC-4-6011 | CLEVIS ROD HANGER | F1.30A | NDEP- 0613 | ·VT / VT-10-426 / Sat | 4080 | HBR2-10618 SH00142 | 4/22/2010 |
| Comments: | A visual examinat | ion was performed on this compone | nt support to the | | | ME Section | on XI with satisfactory resul | ts. |
| 388300 | 328/AC-4-6014 | RISER ROD HANGER | F1.30B | NDEP- 0613 | VT / VT-10-427 / Sat | 4080 | HBR2-10618 SH00142 | 4/26/2010 |
| Comments: | A visual examinat | ion was performed on this compone | nt support to the | | n, 1996 Addenda of AS | ME Section | on XI with satisfactory resul | ts. |
| 389200 | 329/AC-6-6007 | I-BEAM SUPPORT | F1.30A | NDEP- 0613 | VT / VT-10-428 / Sat | 4080 | HBR2-10618 SH00143 | 4/22/2010 |
| Comments: | A visual examinat | ion was performed on this compone | nt support to the | | | ME Section | on XI with satisfactory resul | ts. |
| 392200 | 331/FW-1-205 | CLOSED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-429 / Sat | 3065 | HBR2-10618 SH00145 | 4/17/2010 |
| Comments: | A visual examinat | ion was performed on this compone | nt support to the | | • • • • | ME Section | on XI with satisfactory resul | ts. |

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| Summary No | Component Identification | Component Description | Item Proce | edure Met | hod/Report/Results | System | Dwg/ISO | Exam Date |
|---------------|--|---|---|------------------------------------|--------------------------|------------|--------------------------------|--------------|
| 392700 | 331/FW-1-3081 | STRUT SUPPORT | F1.30B | NDEP- 0613 | VT / VE-10-142 / Sat | 3065 | HBR2-10618 SH00145 | 6/9/2010 |
| | | | | NDEP- 0613 | VT / VT-10-430 / Sat | 3065 | HBR2-10618 SH00145 | 4/17/2010 |
| Comments: | | ion was performed on this componen EC 72479 and modification to the s | | 1995 Editior | n, 1996 Addenda of AS | | | s. Upon |
| 397700 | 331B/C-1-650 | CLEVIS ROD HANGER | F1.30A | NDEP- 0613 | VT / VT-10-432 / Sat | 3065 | HBR2-10618 SH00147 | 4/21/2010 |
| Comments: | A visual examinati | ion was performed on this componer | nt support to the | | | ME Section | on XI with satisfactory result | S. |
| 399400 | 332/FW-6A-19 | WELDED BOX RESTRAINT | F1.30B | NDEP- 0613 | VT / VT-10-433 / Sat | 3050 | HBR2-10618 SH00148 | 4/17/2010 |
| Comments: | A visual examinati | ion was performed on this componer | nt support to the | 1995 Edition | n, 1996 Addenda of AS | ME Section | on XI with satisfactory result | S. |
| 101800 | 334/FW-6C-6004 | WELDED SPRING SUPPORT | F1.30C | NDEP- 0613 | VT / VT-10-434 / Eval | 3050 | HBR2-10618 SH00150 | 4/20/2010 |
| Comments: | Evaluation Dispo READING OF 345 Civil Engineering e No adverse condit | ion was performed on this componer sition Acceptable : FEEDWATER 50# AND THE DESIGN DRAWING I evaluation: tion exists. The Code (ASME BPVC, is within 2% of the specified load of a | SUPPORT FW- DENTIFIES 351 Section III, Divi | 6C-6004 (DF 2#. sion 1, Appe | AWING HBR2-10618 | SHT 150A | A) WAS FOUND WITH A CO | DLD SET |
| 408500 | 341/C | CCW PUMP C SUPPORT | F1.40 | NDEP- 0613 | VT / VT-10-435 / Sat | 4080 | HBR2-10618 SH00159 | 4/26/2010 |
| Comments: | A visual examinati | ion was performed on this componer | nt support to the | | | ME Sectio | on XI with satisfactory result | s. |
| 108700 | 342/SDAFW-WS | STEAM DRIVEM AFW PUMP SUPPORT | F1.40 | NDEP- 0613 | VT / VT-10-436 / Sat | 3065 | HBR2-10618 SH00160 | 4/17/2010 |
| Comments: | A visual examinati | on was performed on this componer | it support to the | | | ME Sectio | on XI with satisfactory result | S. |
| 09900 | 344/B-WS | SFPC PUMP B | F1.40 | NDEP- 0613 | VT / VT-10-437 / Sat | 7110 | HBR2-10618 SH00162 | 4/26/2010 |
| Comments: | A visual examinati | ion was performed on this componer | t support to the | 1995 Editior | n, 1996 Addenda of AS | ME Section | on XI with satisfactory result | 5. |

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AUGMENTED EXAMINATION SUMMARY

RO-26 AUGMENTED EXAMINATION SUMMARY

| Summary No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Results | Syst | em Dwg/ISO | Exam Date |
|----------------|--------------------------------------|---|------------|-------------------|----------------------------------|----------|-----------------------|-----------------------|
| 192300 | 215/79-13-A | S/G A NOZZLE TO ELBOW | E-1 | NDEP-0437 | UT / UT-10-005 / Sat | 3050 | HBR2-10618 SH00074 | 4/23/2010 |
| Comments: | An augmented vertes ut the results. | olumetric examination was performed on t | his compor | ent weld to the 1 | | nda of A | | with satisfactory |
| 197200 | 216/79-13-B | S/G B NOZZLE TO ELBOW | E-1 | NDEP-0437 | UT / UT-10-006 / Sat | 3050 | HBR2-10618 SH00075 | 4/23/2010 |
| Comments: | An augmented virtual results. | olumetric examination was performed on t | his compor | ent weld to the 1 | | nda of A | SME Section XI | with satisfactory |
| 201000 | 217/79-13-C | S/G C NOZZLE TO ELBOW | E-1 | NDEP-0437 | UT / UT-10-007 / Sat | 3050 | HBR2-10618 SH00076 | 4/23/2010 |
| Comments: | An augmented vor results. | olumetric examination was performed on t | his compon | ent weld to the 1 | + + | nda of A | SME Section XI | with satisfactory |
| 335700 | 248/C-1 | LOWER LEVEL TRANSMITTER | E-2 | NDEP-0428 | UT / UT-10-020 / Sat | 2080 | HBR2-10618 SH00165 | 5/3/2010 |
| Comments: | An augmented v | olumetric examination was performed on t | his compon | ent to the 1995 l | Edition, 1996 Addenda o | f ASME | Section XI with s | satisfactory results. |
| 335800 | 248/C-7 | SAMPLE CONNECTION | E-2 | NDEP-0428 | UT / UT-10-021 / Sat | 2080 | HBR2-10618 SH00165 | 4/23/2010 |
| Comments: | An augmented v | olumetric examination was performed on t | his compon | ent to the 1995 l | | f ASME | Section XI with s | satisfactory results. |
| 255101 | 231/39 | VALVE SI-844A TO PIPE | E-8 | NDEP-0425 | UT / UT-10-008 (Page 1) / Sat | 2080C | HBR2-10618 SH00093 | 4/21/2010 |
| | | | | NDEP-0425 | UT / UT-10-008 (Page 2) / Sat | 2080C | HBR2-10618 SH00093 | 4/21/2010 |
| Comments: | | olumetric examination was performed on t gmented examination was limited due to th | | | 995 Edition, 1996 Adde | nda of A | SME Section XI | with satisfactory |
| 258401 | 232/22 | ELBOW TO PIPE | E-8 | NDEP-0425 | UT / UT-10-009 (Page 1) / Sat | 2080C | HBR2-10618 SH00094 | 4/21/2010 |
| | | | | NDEP-0425 | ÙT / UT-10-009 (Page 2) / Sat | 2080C | HBR2-10618 SH00094 | 4/21/2010 |
| Comments: | An augmented vertes and the results. | olumetric examination was performed on t | his compon | ent weld to the 1 | 995 Edition, 1996 Adde | nda of A | SME Section XI | with satisfactory |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Resu | lts Syst | em Dwg/ISO | Exa Da |
|----------------|-----------------------------|--|---------------|-------------------|----------------------------------|------------|-----------------------|----------------|
| | | | | | | | | |
| 73301 | 234/04 | PIPE TO TEE | E-8 | NDEP-0425 | UT / UT-10-010 (Page 1) / Sat | 2080C | HBR2-10618 SH00097 | 4/21/2010 |
| • | | | | NDEP-0425 | UT / UT-10-010 (Page 2) / Sat | 2080C | HBR2-10618 SH00097 | 4/21/2010 |
| omments: | An augmented volu results. | umetric examination was performed on | this compone | ent weld to the 1 | | lenda of A | SME Section XI with | n satisfactory |
| /3501 | 234/06 | PIPE TO ELBOW | E-8 | NDEP-0425 | UT / UT-10-011 (Page 1) / Sat | 2080C | HBR2-10618 SH00097 | 4/21/2010 |
| | | | | NDEP-0425 | ÙT / UT-10-011 (Page 2) / Sat | 2080C | HBR2-10618 SH00097 | 4/21/2010 |
| omments: | An augmented volu results. | umetric examination was performed on | this compone | ent weld to the 1 | | lenda of A | | n satisfactory |
| 501 | 101/PEN 01 (J-7) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-837 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-884 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | on was performed to ASME Code Cade bes from the ID of the reactor vessel and baseline visual examination was perform | d did not rev | | | | | |
| 502 | 101/PEN 02 (G-7) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-258 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-885 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | on was performed to ASME Code Cade les from the ID of the reactor vessel an vaseline visual examination was perform | d did not rev | | | | | |
| 503 | 101/PEN 03 (G-9) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-260 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-886 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | on was performed to ASME Code Cade es from the ID of the reactor vessel and aseline visual examination was perform | d did not rev | | | | | |

performed and re-baseline visual examination was performed SAT.

| No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Resu | ilts <u>S</u> ys | tem Dwg/ISO | Exa Dat |
|--------------------------------|--|--|---|---|---|---|--|---|
| 3504 | 101/PEN 04 (H-6) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-262 / | 1005 | HBR2-10618 | 4/20/2040 |
| 504 | 101/PEN 04 (H-0) | INSTRUMENTATION PEN 4 | E-10 | NDEP-0012 | Eval | 1005 | SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-887 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | n was performed to ASME Code Cade es from the ID of the reactor vessel and aseline visual examination was perform | did not rev | | | | | |
| 505 | 101/PEN 05 (F-8) | BOTTOM MOUNTED INSTRUMENTATION PEN 5 | E-10 | NDEP-0612 | VT / VT-10-264 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-888 / | 1005 | HBR2-10618 | 6/28/2010 |
| | | | | | Sat | | SH00001 | |
| Comments: | instrumentation tube | n was performed to ASME Code Cade les from the ID of the reactor vessel and aseline visual examination was perform | did not rev | | sking condition. Volur | | mination was perform | |
| | instrumentation tube | es from the ID of the reactor vessel and | did not rev | | sking condition. Volur | | mination was perform | |
| | instrumentation tube performed and re-ba | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED | l did not revo led SAT. | eal any indicatio | sking condition. Volur ns. Subsequent clear VT / VT-10-266 / | ing of the | mination was perform BMI instrumentation HBR2-10618 | tubes was |
| Comments: 3506 Comments: | instrumentation tube performed and re-ba 101/PEN 06 (J-10) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED | I did not revo ned SAT. E-10 N-722 which I did not revo | eal any indicatio NDEP-0612 NDEP-0612 n revealed a mas | VT / VT-10-266 / Eval VT / VT-10-889 / Sat sking condition. Volun | ing of the 1005 1005 netric exal | HBR2-10618 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ned on all BMI |
| 3506 | instrumentation tube performed and re-ba 101/PEN 06 (J-10) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED INSTRUMENTATION PEN 6 n was performed to ASME Code Cade I es from the ID of the reactor vessel and | I did not revo ned SAT. E-10 N-722 which I did not revo | eal any indicatio NDEP-0612 NDEP-0612 n revealed a mas | VT / VT-10-266 / Eval VT / VT-10-889 / Sat sking condition. Volun | ing of the 1005 1005 netric exal | HBR2-10618 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ned on all BMI |

comments: A visual examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric examination was performed on all BM instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

| examination wa entation tubes fr ed and re-basel N 09 (H-11) B If examination wa | OTTOM MOUNTED NSTRUMENTATION PEN 8 as performed to ASME Code Cade om the ID of the reactor vessel an ine visual examination was perform OTTOM MOUNTED NSTRUMENTATION PEN 9 | nd did not reve med SAT. E-10 | NDEP-0612 NDEP-0612 revealed a mase al any indication NDEP-0612 NDEP-0612 | VT / VT-10-270 / Eval VT / VT-10-891 / Sat sking condition. Volur ns. Subsequent clear VT / VT-10-272 / Eval VT / VT-10-892 / | ning of the 1005 | HBR2-10618 SH00001 HBR2-10618 SH00001 nination was perform BMI instrumentation HBR2-10618 SH00001 | 4/20/2010 6/28/2010 ned on all BMI n tubes was 4/20/2010 |
|---|--|--|--|---|--|--|---|
| entation tubes fr ed and re-basel N 09 (H-11) B IN examination wa | om the ID of the reactor vessel an ine visual examination was perforr OTTOM MOUNTED NSTRUMENTATION PEN 9 | nd did not reve med SAT. E-10 | revealed a mag eal any indication NDEP-0612 | VT / VT-10-891 / Sat sking condition. Volur ns. Subsequent clear VT / VT-10-272 / Eval | netric exar hing of the 1005 | HBR2-10618 SH00001 nination was perforn BMI instrumentation HBR2-10618 | ned on all BMI n tubes was |
| entation tubes fr ed and re-basel N 09 (H-11) B IN examination wa | om the ID of the reactor vessel an ine visual examination was perforr OTTOM MOUNTED NSTRUMENTATION PEN 9 | nd did not reve med SAT. E-10 | eal any indication | ns. Subsequent clear VT / VT-10-272 / Eval | ning of the 1005 | nination was perform BMI instrumentation HBR2-10618 | tubes was |
| examination wa | NSTRUMENTATION PEN 9 | | | Eval | | | 4/20/2010 |
| examination wa | o potermed to ASME Code Code | | NDEP-0612 | VT / VT-10-892 / | | | |
| examination wa | a performed to ASME Cade Cade | | | Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| | om the ID of the reactor vessel an ine visual examination was perform | d did not reve | revealed a mas al any indication | sking condition. Volur ns. Subsequent clear | netric exar iing of the | nination was perform BMI instrumentation | ned on all BMI i tubes was |
| · · · | OTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-274 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | NDEP-0612 | VT / VT-10-893 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| entation tubes fr | om the ID of the reactor vessel an | d did not reve | | | | | |
| | | E-10 | NDEP-0612 | VT / VT-10-276 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | NDEP-0612 | VT / VT-10-894 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| | entation tubes fr ed and re-baseli N 11 (L-9) B IN | entation tubes from the ID of the reactor vessel an ed and re-baseline visual examination was perform N 11 (L-9) BOTTOM MOUNTED INSTRUMENTATION PEN 11 examination was performed to ASME Code Cade | entation tubes from the ID of the reactor vessel and did not reve ed and re-baseline visual examination was performed SAT. N 11 (L-9) BOTTOM MOUNTED E-10 INSTRUMENTATION PEN 11 examination was performed to ASME Code Cade N-722 which | I examination was performed to ASME Code Cade N-722 which revealed a magentation tubes from the ID of the reactor vessel and did not reveal any indication ed and re-baseline visual examination was performed SAT. N 11 (L-9) BOTTOM MOUNTED E-10 NDEP-0612 INSTRUMENTATION PEN 11 NDEP-0612 I examination was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was performed to ASME Code Cade N-722 which revealed a magentation was | NDEP-0612 VT / VT-10-893 / Sat I examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volum entation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent clean led and re-baseline visual examination was performed SAT. N 11 (L-9) BOTTOM MOUNTED E-10 NDEP-0612 VT / VT-10-276 / INSTRUMENTATION PEN 11 Eval NDEP-0612 VT / VT-10-894 / Sat I examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volum | NDEP-0612 VT / VT-10-893 / 1005 Sat I examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric exar entation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the red and re-baseline visual examination was performed SAT. N 11 (L-9) BOTTOM MOUNTED E-10 NDEP-0612 VT / VT-10-276 / 1005 INSTRUMENTATION PEN 11 E-10 NDEP-0612 VT / VT-10-894 / 1005 Sat I examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric exar | NDEP-0612 VT / VT-10-893 / 1005 HBR2-10618 Sat SH00001 I examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric examination was perform entation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation ed and re-baseline visual examination was performed SAT. N 11 (L-9) BOTTOM MOUNTED E-10 NDEP-0612 VT / VT-10-276 / 1005 HBR2-10618 INSTRUMENTATION PEN 11 E-10 NDEP-0612 VT / VT-10-894 / 1005 HBR2-10618 NDEP-0612 VT / VT-10-894 / 1005 HBR2-10618 |

performed and re-baseline visual examination was performed SAT.

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| | Component Identification | Component Description | ltem | Procedure | Method/Report/Resu | lts Sys | tem Dwg/ISO | Exa Dat |
|------------------|--|---|--|---|---|--|---|---|
| 3512 | 101/PEN 12 (J-5) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-278 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-895 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade I es from the ID of the reactor vessel and aseline visual examination was perform | did not rev | | sking condition. Volun | | mination was perform | |
| 513 | 101/PEN 13 (L-6) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-280 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-896 / | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| | | | | | Sat | | 3000001 | |
| Comments: | instrumentation tube | n was performed to ASME Code Cade I es from the ID of the reactor vessel and aseline visual examination was perform | did not rev | | sking condition. Volun | | mination was perform | |
| | instrumentation tube | es from the ID of the reactor vessel and | did not rev | | sking condition. Volun | | mination was perform | |
| Comments: 514 | instrumentation tube performed and re-ba | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED | did not reve ed SAT. | eal any indicatio | sking condition. Volun ns. Subsequent clean VT / VT-10-282 / | ing of the | mination was perform BMI instrumentation HBR2-10618 | tubes was |
| | instrumentation tube performed and re-ba 101/PEN 14 (F-11) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED | did not rev ed SAT. E-10 N-722 which did not rev | eal any indicatio NDEP-0612 NDEP-0612 n revealed a mas | sking condition. Volun ns. Subsequent clean VT / VT-10-282 / Eval VT / VT-10-897 / Sat sking condition. Volun | ing of the 1005 1005 netric exa | HBR2-10618 SH00001 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ned on all BMI |
| 514 | instrumentation tube performed and re-ba 101/PEN 14 (F-11) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED INSTRUMENTATION PEN 14 n was performed to ASME Code Cade I as from the ID of the reactor vessel and | did not rev ed SAT. E-10 N-722 which did not rev | eal any indicatio NDEP-0612 NDEP-0612 n revealed a mas | sking condition. Volun ns. Subsequent clean VT / VT-10-282 / Eval VT / VT-10-897 / Sat sking condition. Volun | ing of the 1005 1005 netric exa | HBR2-10618 SH00001 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ied on all BMI |

instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

| No. | Component Identification | Component Description | Item | Procedure | Method/Report/Result | s Sys | tem Dwg/ISO | Exa Dat |
|--------------------------------|--|---|--|-------------------------------------|---|--|---|--|
| | | | | | | | | |
| 8516 | 101/PEN 16 (J-12) | BOTTOM MOUNTED INSTRUMENTATION PEN 16 | E-10 | NDEP-0612 | VT / VT-10-286 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-899 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade Nes from the ID of the reactor vessel and aseline visual examination was performe | did not reve | | | | | |
| 517 | 101/PEN 17 (D-7) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-288 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-900 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| | | | | | | | | |
| Comments: | instrumentation tube | n was performed to ASME Code Cade Ness from the ID of the reactor vessel and aseline visual examination was performe | did not reve | | sking condition. Volume | | mination was perform | |
| | instrumentation tube | es from the ID of the reactor vessel and | did not reve | | sking condition. Volume | | mination was perform | |
| | instrumentation tube performed and re-ba | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED | did not reve ed SAT. | eal any indicatio | sking condition. Volume ns. Subsequent cleanir VT / VT-10-290 / | ng of the | mination was perform BMI instrumentation HBR2-10618 | tubes was |
| Comments: 3518 Comments: | instrumentation tube performed and re-ba 101/PEN 18 (L-11) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED | did not reve ed SAT. E-10 N-722 which did not reve | NDEP-0612 NDEP-0612 NDEP-0612 | sking condition. Volume ns. Subsequent cleanin VT / VT-10-290 / Eval VT / VT-10-901 / Sat sking condition. Volume | ng of the 1005 1005 etric exa | Mination was perform BMI instrumentation HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ed on all BMI |
| 9518 | instrumentation tube performed and re-ba 101/PEN 18 (L-11) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED INSTRUMENTATION PEN 18 In was performed to ASME Code Cade N es from the ID of the reactor vessel and | did not reve ed SAT. E-10 N-722 which did not reve | NDEP-0612 NDEP-0612 NDEP-0612 | sking condition. Volume ns. Subsequent cleanin VT / VT-10-290 / Eval VT / VT-10-901 / Sat sking condition. Volume | ng of the 1005 1005 etric exa | Mination was perform BMI instrumentation HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ed on all BMI |

instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

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| No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Result | s Sys | tem Dwg/ISO | Exa Da |
|-------------------|---|---|--|--|---|----------------------------|--|--|
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| 3520 | 101/PEN 20 (E-5) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-294 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-903 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade es from the ID of the reactor vessel and aseline visual examination was perform | I did not reve | | | | | |
| 3521 | 101/PEN 21 (E-11) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-296 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-904 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | | n was performed to ASME Code Cade | | | | | | |
| | | es from the ID of the reactor vessel and aseline visual examination was perform | | eal any indication | ns. Subsequent cleani | ng of the | BMI instrumentation | i tubes was |
| 3522 | | | | NDEP-0612 | ns. Subsequent clean VT / VT-10-298 / Eval | ng of the 1005 | HBR2-10618 SH00001 | 1 tubes was 4/20/2010 |
| 3522 | performed and re-ba | aseline visual examination was perform BOTTOM MOUNTED | ed SAT. | | VT / VT-10-298 / | - | HBR2-10618 | |
| 3522 Comments: | performed and re-ba 101/PEN 22 (F-4) A visual examination instrumentation tube | aseline visual examination was perform BOTTOM MOUNTED | ed SAT. E-10 N-722 which I did not reve | NDEP-0612 NDEP-0612 a revealed a mas | VT / VT-10-298 / Eval VT / VT-10-905 / Sat sking condition. Volum | 1005 1005 etric exar | HBR2-10618 SH00001 HBR2-10618 SH00001 nination was perform | 4/20/2010 6/28/2010 ned on all BMI |
| | performed and re-ba 101/PEN 22 (F-4) A visual examination instrumentation tube | aseline visual examination was perform BOTTOM MOUNTED INSTRUMENTATION PEN 22 n was performed to ASME Code Cade es from the ID of the reactor vessel and aseline visual examination was perform | ed SAT. E-10 N-722 which I did not reve | NDEP-0612 NDEP-0612 a revealed a mas | VT / VT-10-298 / Eval VT / VT-10-905 / Sat sking condition. Volum | 1005 1005 etric exar | HBR2-10618 SH00001 HBR2-10618 SH00001 nination was perform | 4/20/2010 6/28/2010 ned on all BMI |

instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

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| No. | Component Identification | Component Description | Item | Procedure | Method/Report/Resu | lts Sys | stem Dwg/ISO | Exar Date |
|-----------|---|---|---|--|---|--|---|--|
| 3524 | 101/PEN 24 (H-13) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-302 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-907 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade Nes from the ID of the reactor vessel and aseline visual examination was performe | did not rev | | sking condition. Volun | | mination was perform | |
| 525 | 101/PEN 25 (N-8) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-304 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-908 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| | | | | | | | | |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N as from the ID of the reactor vessel and aseline visual examination was performe | did not rev | | sking condition. Volun | | mination was perform | |
| | instrumentation tube | es from the ID of the reactor vessel and | did not rev | | sking condition. Volun | | mination was perform | |
| | instrumentation tube performed and re-ba | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED | did not reve ed SAT. | eal any indication | sking condition. Volun ns. Subsequent clean VT / VT-10-306 / | ing of the | Mination was perform BMI instrumentation HBR2-10618 SH00001 HBR2-10618 | tubes was |
| | instrumentation tube performed and re-ba 101/PEN 26 (L-4) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED | did not rev ed SAT. E-10 J-722 which did not reve | eal any indication NDEP-0612 NDEP-0612 n revealed a mas | VT / VT-10-306 / Eval VT / VT-10-909 / Sat sking condition. Volum | ing of the 1005 1005 netric exa | HBR2-10618 SH00001 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ed on all BMI |
| 3526 | instrumentation tube performed and re-ba 101/PEN 26 (L-4) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED INSTRUMENTATION PEN 26 In was performed to ASME Code Cade N as from the ID of the reactor vessel and | did not rev ed SAT. E-10 J-722 which did not reve | eal any indication NDEP-0612 NDEP-0612 n revealed a mas | VT / VT-10-306 / Eval VT / VT-10-909 / Sat sking condition. Volum | ing of the 1005 1005 netric exa | HBR2-10618 SH00001 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ed on all BMI |

instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

| | Component Identification | Component Description | Item | Procedure | Method/Report/Resu | ilts Sys | tem Dwg/ISO | Exa Da |
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| 3528 | 101/PEN 28 (D-5) | BOTTOM MOUNTED INSTRUMENTATION PEN 28 | E-10 | NDEP-0612 | VT / VT-10-310 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-911 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | n was performed to ASME Code Cade I es from the ID of the reactor vessel and aseline visual examination was perform | did not reve | | | | | |
| 3529 | 101/PEN 29 (C-8) | BOTTOM MOUNTED INSTRUMENTATION PEN 29 | E-10 | NDEP-0612 | VT / VT-10-312 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-912 / | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| | | | | | Sat | | SH00001 | |
| Comments: | instrumentation tub | n was performed to ASME Code Cade I es from the ID of the reactor vessel and aseline visual examination was perform | did not reve | | sking condition. Volur | | mination was perform | |
| | instrumentation tub | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED | did not reve | | sking condition. Volur | | mination was perform BMI instrumentation HBR2-10618 | |
| Comments: 3530 | instrumentation tub performed and re-b | es from the ID of the reactor vessel and aseline visual examination was perform | did not reve ed SAT. | eal any indicatio | sking condition. Volur ns. Subsequent clear VT / VT-10-314 / | ing of the | mination was perform BMI instrumentation | tubes was |
| | instrumentation tube performed and re-b 101/PEN 30 (N-7) A visual examinatio instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED | did not reve ed SAT. E-10 N-722 which did not reve | eal any indicatio NDEP-0612 NDEP-0612 n revealed a mas | sking condition. Volur ns. Subsequent clear VT / VT-10-314 / Eval VT / VT-10-913 / Sat sking condition. Volur | ing of the 1005 1005 netric exai | HBR2-10618 SH00001 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ned on all BMI |
| 3530 | instrumentation tube performed and re-b 101/PEN 30 (N-7) A visual examinatio instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was perform BOTTOM MOUNTED INSTRUMENTATION PEN 30 n was performed to ASME Code Cade I es from the ID of the reactor vessel and | did not reve ed SAT. E-10 N-722 which did not reve | eal any indicatio NDEP-0612 NDEP-0612 n revealed a mas | sking condition. Volur ns. Subsequent clear VT / VT-10-314 / Eval VT / VT-10-913 / Sat sking condition. Volur | ing of the 1005 1005 netric exai | HBR2-10618 SH00001 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ned on all BMI |

instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

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| | Component Identification | Component Description | Item | Procedure | Method/Report/Result | is Sys | tem Dwg/ISO | Exa Dat |
|-------------------------------|--|---|---|--|--|--|---|---|
| 3532 | 101/PEN 32 (N-10) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-318 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-915 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N as from the ID of the reactor vessel and c aseline visual examination was performe | did not rev | | sking condition. Volume | | mination was perform | |
| 533 | 101/PEN 33 (F-13) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-320 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-916 / | 1005 | HBR2-10618 | 6/28/2010 |
| | | | | | Sat | | SH00001 | |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N as from the ID of the reactor vessel and c aseline visual examination was performe | did not rev | revealed a mas | sking condition. Volume | | mination was perform | |
| | instrumentation tube | es from the ID of the reactor vessel and o | did not rev | revealed a mas | sking condition. Volume | | mination was perform | |
| | instrumentation tube performed and re-ba | es from the ID of the reactor vessel and c aseline visual examination was performe BOTTOM MOUNTED | did not rev d SAT. | n revealed a mas eal any indication | sking condition. Volum ns. Subsequent cleanin VT / VT-10-322 / | ng of the | mination was perform BMI instrumentation HBR2-10618 | tubes was |
| 534 | instrumentation tube performed and re-ba 101/PEN 34 (D-12) A visual examination instrumentation tube | es from the ID of the reactor vessel and c aseline visual examination was performe BOTTOM MOUNTED | did not rev d SAT. E-10 I-722 which did not rev | n revealed a mase eal any indication NDEP-0612 NDEP-0612 n revealed a mase | Sking condition. Volum ns. Subsequent cleanin VT / VT-10-322 / Eval VT / VT-10-917 / Sat Sking condition. Volume | ng of the 1005 1005 etric exa | Mination was perform BMI instrumentation HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 red on all BMI |
| Comments: 534 Comments: | instrumentation tube performed and re-ba 101/PEN 34 (D-12) A visual examination instrumentation tube | es from the ID of the reactor vessel and c aseline visual examination was performe BOTTOM MOUNTED INSTRUMENTATION PEN 34 In was performed to ASME Code Cade N as from the ID of the reactor vessel and c | did not rev d SAT. E-10 I-722 which did not rev | n revealed a mase eal any indication NDEP-0612 NDEP-0612 n revealed a mase | Sking condition. Volum ns. Subsequent cleanin VT / VT-10-322 / Eval VT / VT-10-917 / Sat Sking condition. Volume | ng of the 1005 1005 etric exa | Mination was perform BMI instrumentation HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 red on all BMI |

Comments: A visual examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric examination was performed on all BMI instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

| strumentation tubes | BOTTOM MOUNTED INSTRUMENTATION PEN 36 was performed to ASME Code Cade N- s from the ID of the reactor vessel and di seline visual examination was performed | | NDEP-0612 NDEP-0612 | Eval | 1005 | HBR2-10618 SH00001 HBR2-10618 | 4/20/2010 |
|---------------------------------|---|---|--|--|---|---|---|
| visual examination | INSTRUMENTATION PEN 36 was performed to ASME Code Cade N- s from the ID of the reactor vessel and di | 722 which | NDEP-0612 | Eval VT / VT-10-919 / | 1005 | SH00001 | |
| strumentation tubes | was performed to ASME Code Cade N- s from the ID of the reactor vessel and di | | | VT / VT-10-919 / | 1005 | | |
| strumentation tubes | s from the ID of the reactor vessel and di | | | | | SH00001 | 6/28/2010 |
| | | | | | | | |
| 1/PEN 37 (B-7) | BOTTOM MOUNTED INSTRUMENTATION PEN 37 | E-10 | NDEP-0612 | VT / VT-10-328 / Sat | | HBR2-10618 SH00001 | 4/20/2010 |
| | | | NDEP-0612 | VT / VT-10-920 / Sat | | HBR2-10618 SH00001 | 6/28/2010 |
| strumentation tubes | was performed to ASME Code Cade N- s from the ID of the reactor vessel and di seline visual examination was performed | d not reve | | | | | |
| 1/PEN 38 (G-14) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-330 / Eval | | | 4/20/2010 |
| | | | NDEP-0612 | VT / VT-10-921 / Sat | | | 6/28/2010 |
| trumentation tubes | s from the ID of the reactor vessel and di | d not revea | revealed a mas al any indicatior | king condition. Volumeti is. Subsequent cleaning | ic exami of the B | nation was performe MI instrumentation tu | d on all BMI ıbes was |
| 1/PEN 39 (F-2) | BOTTOM MOUNTED INSTRUMENTATION PEN 39 | E-10 | NDEP-0612 | VT / VT-10-332 / Eval | | | 4/20/2010 |
| | | | NDEP-0612 | VT / VT-10-922 / Šat | | | 6/28/2010 |
| 1/F vis tru rfo 1/F | PEN 38 (G-14) ual examination umentation tubes ormed and re-bas PEN 39 (F-2) | PEN 38 (G-14) BOTTOM MOUNTED INSTRUMENTATION PEN 38 ual examination was performed to ASME Code Cade N-7 umentation tubes from the ID of the reactor vessel and di ormed and re-baseline visual examination was performed PEN 39 (F-2) BOTTOM MOUNTED INSTRUMENTATION PEN 39 | INSTRUMENTATION PEN 38 ual examination was performed to ASME Code Cade N-722 which umentation tubes from the ID of the reactor vessel and did not reveaured and re-baseline visual examination was performed SAT. PEN 39 (F-2) BOTTOM MOUNTED E-10 INSTRUMENTATION PEN 39 | PEN 38 (G-14) BOTTOM MOUNTED E-10 NDEP-0612 INSTRUMENTATION PEN 38 NDEP-0612 ual examination was performed to ASME Code Cade N-722 which revealed a mas umentation tubes from the ID of the reactor vessel and did not reveal any indication immed and re-baseline visual examination was performed SAT. PEN 39 (F-2) BOTTOM MOUNTED E-10 NDEP-0612 INSTRUMENTATION PEN 39 NDEP-0612 | PEN 38 (G-14) BOTTOM MOUNTED INSTRUMENTATION PEN 38 ual examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetr umentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning ormed and re-baseline visual examination was performed SAT. PEN 39 (F-2) BOTTOM MOUNTED INSTRUMENTATION PEN 39 E-10 NDEP-0612 VT / VT-10-332 / Eval NDEP-0612 VT / VT-10-921 / Sat NDEP-0612 VT / VT-10-322 / Eval NDEP-0612 VT / VT-10-922 / Sat | PEN 38 (G-14) BOTTOM MOUNTED INSTRUMENTATION PEN 38 ual examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric exami umentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the B intermed and re-baseline visual examination was performed SAT. PEN 39 (F-2) BOTTOM MOUNTED INSTRUMENTATION PEN 39 E-10 NDEP-0612 VT / VT-10-332 / 1005 Eval NDEP-0612 VT / VT-10-922 / 1005 Eval NDEP-0612 VT / VT-10-922 / 1005 Sat | PEN 38 (G-14) BOTTOM MOUNTED INSTRUMENTATION PEN 38 E-10 NDEP-0612 VT / VT-10-330 / 1005 HBR2-10618 Eval SH00001 NDEP-0612 VT / VT-10-921 / 1005 HBR2-10618 Sat SH00001 ual examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric examination was performed umentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tu- urmed and re-baseline visual examination was performed SAT. PEN 39 (F-2) BOTTOM MOUNTED INSTRUMENTATION PEN 39 E-10 NDEP-0612 VT / VT-10-332 / 1005 HBR2-10618 Eval SH00001 NDEP-0612 VT / VT-10-922 / 1005 HBR2-10618 |

instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Result | s Sys | tem Dwg/ISO | Exa Da |
|----------------|-----------------------------|--|-------------|-----------|--------------------------|-------|-----------------------|-----------|
| | | | | | | | | |
| 3540 | 101/PEN 40 (B-10) | BOTTOM MOUNTED INSTRUMENTATION PEN 40 | E-10 | NDEP-0612 | VT / VT-10-334 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-923 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | n was performed to ASME Code Cade N es from the ID of the reactor vessel and a aseline visual examination was performe | did not rev | | | | | |
| 541 | 101/PEN 41 (N-12) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-336 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-924 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tub | n was performed to ASME Code Cade N es from the ID of the reactor vessel and o aseline visual examination was performe | did not rev | | | | | |
| 3542 | 101/PEN 42 (M-3) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-338 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-925 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N es from the ID of the reactor vessel and o aseline visual examination was performe | did not rev | | | | | |
| 3543 | 101/PEN 43 (D-3) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-340 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-926 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N es from the ID of the reactor vessel and o | did not rev | | sking condition. Volume | | nination was perform | |

performed and re-baseline visual examination was performed SAT.

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Results | Syste | m Dwg/ISO | Exar Date |
|----------------|-----------------------------|---|--------------|----------------|--------------------------|-----------|-----------------------|----------------|
| | | | | | | | | |
| 3544 | 101/PEN 44 (C-12) | BOTTOM MOUNTED INSTRUMENTATION PEN 44 | E-10 | NDEP-0612 | VT / VT-10-342 / Eval | | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-927 / Sat | | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N es from the ID of the reactor vessel and c aseline visual examination was performe | lid not rev | | | | | |
| 3545 | 101/PEN 45 (L-14) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-344 / Eval | | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-934 / Sat | | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade N es from the ID of the reactor vessel and c aseline visual examination was performed | lid not reve | | 0 | | | |
| 3546 | 101/PEN 46 (B-5) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-346 / Eval | | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-928 / Sat | | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade Net es from the ID of the reactor vessel and c aseline visual examination was performed | lid not reve | | | | | |
| 3547 | 101/PEN 47 (R-8) | BOTTOM MOUNTED INSTRUMENTATION PEN 47 | E-10 | NDEP-0612 | VT / VT-10-348 / Eval | | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-929 / Sat | | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | A visual examination | n was performed to ASME Code Cade N | -722 which | revealed a mas | sking condition. Volume | ric exami | nation was perfor | med on all BMI |

Comments: A visual examination was performed to ASME Code Cade N-722 which revealed a masking condition. Volumetric examination was performed on all BMI instrumentation tubes from the ID of the reactor vessel and did not reveal any indications. Subsequent cleaning of the BMI instrumentation tubes was performed and re-baseline visual examination was performed SAT.

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| • | Component Identification | Component Description | Item | Procedure | Method/Report/Resu | ilts Sys | tem Dwg/ISO | Ex Da |
|-----------|---|--|--|---|---|--|--|--|
| 3548 | 101/PEN 48 (H-1) | BOTTOM MOUNTED INSTRUMENTATION PEN 48 | E-10 | NDEP-0612 | VT / VT-10-350 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-930 / Sat | 1005 | HBR2-10618 SH00001 | 6/28/2010 |
| Comments: | instrumentation tube | n was performed to ASME Code Cade I es from the ID of the reactor vessel and aseline visual examination was performe | did not reve | | | | | |
| 549 | 101/PEN 49 (J-15) | BOTTOM MOUNTED | E-10 | NDEP-0612 | VT / VT-10-352 / Eval | 1005 | HBR2-10618 SH00001 | 4/20/2010 |
| | | | | NDEP-0612 | VT / VT-10-931 / | 1005 | HBR2-10618 | 6/28/2010 |
| | | | | | Sat | | SH00001 | |
| Comments: | instrumentation tube | n was performed to ASME Code Cade I es from the ID of the reactor vessel and aseline visual examination was performe | did not reve | | sking condition. Volur | | mination was perform | |
| | instrumentation tube | es from the ID of the reactor vessel and | did not reve | | sking condition. Volur | | mination was perform | tubes was |
| | instrumentation tube performed and re-ba | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED | did not revo ed SAT. | eal any indication | sking condition. Volur ns. Subsequent clear VT / VT-10-354 / | ing of the | mination was perform BMI instrumentation HBR2-10618 | |
| | instrumentation tube performed and re-ba 101/PEN 50 (A-9) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED | did not reve ed SAT. E-10 N-722 which did not reve | NDEP-0612 NDEP-0612 NDEP-0612 revealed a mas | VT / VT-10-354 / Eval VT / VT-10-932 / Sat sking condition. Volun | ing of the 1005 1005 netric exa | HBR2-10618 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ed on all BMI |
| 3450 | instrumentation tube performed and re-ba 101/PEN 50 (A-9) A visual examination instrumentation tube | es from the ID of the reactor vessel and aseline visual examination was performe BOTTOM MOUNTED INSTRUMENTATION PEN 50 n was performed to ASME Code Cade N es from the ID of the reactor vessel and | did not reve ed SAT. E-10 N-722 which did not reve | NDEP-0612 NDEP-0612 NDEP-0612 revealed a mas | VT / VT-10-354 / Eval VT / VT-10-932 / Sat sking condition. Volun | ing of the 1005 1005 netric exa | HBR2-10618 HBR2-10618 SH00001 HBR2-10618 SH00001 mination was perform | tubes was 4/20/2010 6/28/2010 ed on all BMI |

unsatisfactory results. During initial examination of the loop piping, residual boric acid residue from the sand box debris was identified. Comparison to previous examination validated the historical residue. Subsequent cleaning and re-examination was SAT.

| No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Result | s Sys | tem Dwg/ISO | Exa Dat |
|---------------------------------|---|---|--|---|---|---|--|--|
| 36901 | 107/14DM | COLD LEG SAFE END TO NOZZLE | E-10 | NDEP-0612 | VT / VT-10-357 / Eval | 1005 | HBR2-10618 SH00010 | 4/26/2010 |
| | | | | NDEP-0612 | VT / VT-10-876 / Sat | 1005 | HBR2-10618 SH00010 | 6/26/2010 |
| Comments: | unsatisfactory res | ation was performed on this component to th sults. During initial examination of the loop p ation validated the historical residue. Subse | piping, resi | dual boric acid r | enda of ASME Section > residue from the sand bo | | SME Code Case N-7 | |
| 37001 | 107A/01DM | HOT LEG NOZZLE TO SAFE END | E-10 | NDEP-0612 | VT / VT-10-358 / Eval | 1005 | HBR2-10618 SH00011 | 4/26/2010 |
| | | | | NDEP-0612 | VT / VT-10-877 / | 1005 | HBR2-10618 | 6/26/2010 |
| | | | | NDEI -0012 | Sat | 1000 | SH00011 | |
| Comments: | unsatisfactory res | ation was performed on this component to th sults. During initial examination of the loop p ation validated the historical residue. Subse | piping, resi | lition, 1996 Adde dual boric acid r | Sat enda of ASME Section > esidue from the sand be | Ki and A | SH00011 SME Code Case N-7 | |
| | unsatisfactory res | sults. During initial examination of the loop p | piping, resi | lition, 1996 Adde dual boric acid r | Sat enda of ASME Section > esidue from the sand be | Ki and A | SH00011 SME Code Case N-7 | |
| | unsatisfactory res previous examina | sults. During initial examination of the loop p ation validated the historical residue. Subse COLD LEG SAFE END TO | piping, resi quent clea | lition, 1996 Adde dual boric acid r ning and re-exa | Sat enda of ASME Section) esidue from the sand bo mination was SAT. VT / VT-10-359 / | KI and A ox debris | SH00011 SME Code Case N-7 s was identified. Com HBR2-10618 | iparison to |
| Comments: 08701 Comments: | unsatisfactory res previous examina 107A/14DM A visual examina unsatisfactory res | sults. During initial examination of the loop p ation validated the historical residue. Subse COLD LEG SAFE END TO | piping, resi quent clea E-10 ne 1995 Ec piping, resi | lition, 1996 Adde dual boric acid r ning and re-exa NDEP-0612 NDEP-0612 lition, 1996 Adde dual boric acid r | Sat enda of ASME Section) esidue from the sand bo mination was SAT. VT / VT-10-359 / Eval VT / VT-10-878 / Sat enda of ASME Section) esidue from the sand bo | KI and A ox debris 1005 1005 KI and A | SH00011 SME Code Case N-7 s was identified. Com HBR2-10618 SH00011 HBR2-10618 SH00011 SME Code Case N-7 | 1parison to 4/26/2010 6/26/2010 22 with |
| 38701 | unsatisfactory res previous examina 107A/14DM A visual examina unsatisfactory res | sults. During initial examination of the loop p ation validated the historical residue. Subse COLD LEG SAFE END TO NOZZLE ation was performed on this component to the sults. During initial examination of the loop p | piping, resi quent clea E-10 ne 1995 Ec piping, resi | lition, 1996 Adde dual boric acid r ning and re-exa NDEP-0612 NDEP-0612 lition, 1996 Adde dual boric acid r | Sat enda of ASME Section) esidue from the sand bo mination was SAT. VT / VT-10-359 / Eval VT / VT-10-878 / Sat enda of ASME Section) esidue from the sand bo | KI and A ox debris 1005 1005 KI and A | SH00011 SME Code Case N-7 s was identified. Com HBR2-10618 SH00011 HBR2-10618 SH00011 SME Code Case N-7 | 1parison to 4/26/2010 6/26/2010 22 with |

unsatisfactory results. During initial examination of the loop piping, residual boric acid residue from the sand box debris was identified. Comparison to previous examination validated the historical residue. Subsequent cleaning and re-examination was SAT.

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| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Results | s Syste | em Dwg/ISO | E>D |
|----------------|--------------------------------------|---|--------------------------------|--|---|----------------------|---------------------------------------|-------------------------|
| 40501 | 107B/14DM | COLD LEG SAFE END TO NOZZLE | E-10 | NDEP-0612 | VT / VT-10-361 / Eval | 1005 | HBR2-10618 SH00012 | 4/26/2010 |
| | | | | NDEP-0612 | VT / VT-10-880 / Sat | 1005 | HBR2-10618 SH00012 | 6/26/2010 |
| Comments: | unsatisfactory re | ation was performed on this component to esults. During initial examination of the loc nation validated the historical residue. Sub | op piping, resi | dual boric acid r | residue from the sand bo | l and AS x debris | ME Code Case N- was identified. Co | 722 with mparison to |
| 4810 | 101C/01 | HEAD PENETRATION 01 | E-11 | NDEP-0612 | VT / VT-10-211 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration | s, debris was ide prced air no grea | entified varying in extent. | The deb | oris was sampled a | nd analyzed. |
| 4910 | 101C/06 | HEAD PENETRATION 06 | E-11 | NDEP-0612 | VT / VT-10-212 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ilts. During initial examination of the RVC ition was performed after cleaning using v t the debris was from an external source t | H penetration acuum and fo | s, debris was ide prced air no grea | enda of ASME Section X entified varying in extent. | The deb | ME Code Case N- oris was sampled a | nd analyzed. |
| 4940 | 101C/07 | HEAD PENETRATION 07 | E-11 | NDEP-0612 | VT / VT-10-213 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to lts. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration: acuum and fo | s, debris was ide prced air no grea | enda of ASME Section X entified varying in extent. | The deb | ME Code Case N- ris was sampled a | nd analyzed. |
| 5010 | 101C/08 | HEAD PENETRATION 08 | E-11 | NDEP-0612 | VT / VT-10-214 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to lts. During initial examination of the RVCI tion was performed after cleaning using v the debris was from an external source t | H penetration: acuum and fo | s, debris was ide prced air no grea | enda of ASME Section X entified varying in extent. | The deb | ME Code Case N- ris was sampled a | nd analyzed. |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Results | System | Dwg/ISO | Exam Date |
|----------------|--|---|---------------------------------|--|--|--------------------------|-------------------------------|---------------|
| 25060 | 101C/09 | HEAD PENETRATION 09 | E-11 | NDEP-0612 | VT / VT-10-215 / Sat | | 3R2-10618 100004 | 5/5/2010 |
| Comments: | satisfactory resu Further examination | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and fe | is, debris was id orced air no grea | enda of ASME Section X entified varying in extent | I and ASME The debris | Code Case N was sampled a | and analyzed. |
| 25140 | 101C/14 | HEAD PENETRATION 14 | E-11 | NDEP-0612 | VT / VT-10-216 / Sat | | 3R2-10618 100004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and fe | s, debris was id orced air no grea | enda of ASME Section X entified varying in extent | I and ASME The debris | Code Case N was sampled a | and analyzed. |
| 25210 | 101C/15 | HEAD PENETRATION 15 | E-11 | NDEP-0612 | VT / VT-10-217 / Sat | | 3R2-10618 100004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and fe | s, debris was ide orced air no grea | enda of ASME Section X entified varying in extent | I and ASME The debris | Code Case N was sampled a | and analyzed. |
| 25260 | 101C/16 | HEAD PENETRATION 16 | E-11 | NDEP-0612 | VT / VT-10-218 / Sat | | 3R2-10618 100004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and for | s, debris was ide orced air no grea | enda of ASME Section X entified varying in extent | I and ASME The debris | Code Case N- was sampled a | and analyzed. |
| 25340 | 101C/17 | HEAD PENETRATION 17 | E-11 | NDEP-0612 | VT / VT-10-219 / Sat | | 3R2-10618 100004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source t | H penetration | s, debris was ide orced air no grea | enda of ASME Section X entified varying in extent | I and ASME The debris | Code Case N- was sampled a | and analyzed. |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Result | ts Syst | em Dwg/ISO | Exam Date |
|----------------|---|---|-------------------------------|--|---|-------------|---|--------------|
| 25410 | 101C/18 | HEAD PENETRATION 18 | E-11 | NDEP-0612 | VT / VT-10-220 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resul Further examination | tion was performed on this component to ts. During initial examination of the RVCH tion was performed after cleaning using v the debris was from an external source to | I penetration acuum and f | s, debris was id orced air no grea | entified varying in exter | nt. The del | ME Code Case N-7 oris was sampled ar | id analyzed. |
| 25460 | 101C/19 | HEAD PENETRATION 19 | E-11 | NDEP-0612 | VT / VT-10-221 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resul Further examinat | tion was performed on this component to ts. During initial examination of the RVCH tion was performed after cleaning using v the debris was from an external source to | I penetration acuum and fe | s, debris was id orced air no grea | entified varying in exten | it. The del | oris was sampled ar | id analyzed. |
| 25540 | 101C/20 | HEAD PENETRATION 20 | E-11 | NDEP-0612 | VT / VT-10-222 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resul Further examinat | tion was performed on this component to ts. During initial examination of the RVCH ion was performed after cleaning using v the debris was from an external source to | l penetration acuum and f | s, debris was id orced air no grea | enda of ASME Section 2 entified varying in exten | it. The del | ME Code Case N-7 pris was sampled ar | id analyzed. |
| 25610 | 101C/21 | HEAD PENETRATION 21 | E-11 | NDEP-0612 | VT / VT-10-223 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resul Further examinat | tion was performed on this component to ts. During initial examination of the RVCH ion was performed after cleaning using v the debris was from an external source to | l penetration acuum and fo | s, debris was ide prced air no grea | entified varying in exten | it. The del | oris was sampled ar | id analyzed. |
| 25710 | 101C/22 | HEAD PENETRATION 22 | E-11 | NDEP-0612 | VT / VT-10-224 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resul Further examinat | tion was performed on this component to ts. During initial examination of the RVCH ion was performed after cleaning using va the debris was from an external source to | l penetration acuum and fo | s, debris was ide prced air no grea | enda of ASME Section 2 entified varying in exten | it. The del | ME Code Case N-7 pris was sampled ar | d analyzed. |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Resul | ts Syste | em Dwg/ISO | E |
|----------------|--------------------------------------|--|--------------------------------|--|---|-------------|--|-------------|
| 5740 | 101C/23 | HEAD PENETRATION 23 | E-11 | NDEP-0612 | VT / VT-10-225 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source to | H penetration vacuum and fe | s, debris was id prced air no grea | enda of ASME Section entified varying in exter | nt. The del | ME Code Case N-7 pris was sampled an | d analyzed. |
| 25810 | 101C/24 | HEAD PENETRATION 24 | E-11 | NDEP-0612 | VT / VT-10-226 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration vacuum and fe | s, debris was ide prced air no grea | entified varying in exter | nt. The del | oris was sampled an | d analyzed. |
| 25860 | 101C/25 | HEAD PENETRATION 25 | E-11 | NDEP-0612 | VT / VT-10-227 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source to | H penetration | s, debris was ide prced air no grea | entified varying in exter | nt. The del | ME Code Case N-72 pris was sampled an | d analyzed. |
| 25940 | 101C/26 | HEAD PENETRATION 26 | E-11 | NDEP-0612 | VT / VT-10-228 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration | s, debris was ide prced air no grea | enda of ASME Section entified varying in exter | nt. The del | ME Code Case N-7 pris was sampled an | d analyzed. |
| 26010 | 101C/27 | HEAD PENETRATION 27 | E-11 | NDEP-0612 | VT / VT-10-229 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to Ilts. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration /acuum and for | s, debris was ide prced air no grea | enda of ASME Section entified varying in exter | it. The del | ME Code Case N-72 pris was sampled an | d analyzed. |

| Summary No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Resu | ults Sys | stem Dwg/ISO | Exan Date |
|----------------|--------------------------------------|---|--|--|--|-------------|--|--------------|
| 26610 | 101C/28 | HEAD PENETRATION 28 | E-11 | NDEP-0612 | VT / VT-10-241 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments | satisfactory resu Further examina | ation was performed on this component to ilts. During initial examination of the RVC ition was performed after cleaning using v t the debris was from an external source t | H penetration | s, debris was id prced air no gre | entified varying in exte | ent. The de | ebris was sampled a | nd analyzed. |
| 26640 | 101C/29 | HEAD PENETRATION 29 | E-11 | NDEP-0612 | VT / VT-10-230 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments | satisfactory resu Further examina | ation was performed on this component to ilts. During initial examination of the RVC tion was performed after cleaning using v the debris was from an external source t | H penetration | s, debris was id prced air no grea | entified varying in exte | ent. The de | ebris was sampled a | nd analyzed. |
| 26710 | 101C/30 | HEAD PENETRATION 30 | E-11 | NDEP-0612 | VT / VT-10-231 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to lts. During initial examination of the RVC tion was performed after cleaning using v the debris was from an external source t | H penetration | s, debris was id prced air no gre | enda of ASME Section entified varying in exte | ent. The de | SME Code Case N-7 ebris was sampled a | nd analyzed. |
| 26760 | 101C/31 | HEAD PENETRATION 31 | E-11 | NDEP-0612 | VT / VT-10-232 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to Its. During initial examination of the RVCI tion was performed after cleaning using v the debris was from an external source to | H penetration acuum and fo | s, debris was id prced air no grea | entified varying in exte | ent. The de | ebris was sampled a | nd analyzed. |
| 26840 | 101C/32 | HEAD PENETRATION 32 | E-11 | NDEP-0612 | VT / VT-10-233 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to Its. During initial examination of the RVCI tion was performed after cleaning using v the debris was from an external source to | I penetration acuum and for acuum acuum | s, debris was ide prced air no grea | enda of ASME Section entified varying in exte | nt. The de | SME Code Case N-7 | nd analyzed. |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Results | System | n Dwg/ISO | Exa Dat |
|----------------|--------------------------------------|--|---------------------------------|--|--|----------------------|----------------------------------|---------------|
| 26910 | 101C/33 | HEAD PENETRATION 33 | E-11 | NDEP-0612 | VT / VT-10-234 / Ś | | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component tu ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and fe | s, debris was ide prced air no grea | entified varying in extent. | The debri | s was sampled | and analyzed. |
| 26960 | 101C/34 | HEAD PENETRATION 34 | E-11 | NDEP-0612 | VT / VT-10-235 / Sat | | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and for | s, debris was ide prced air no grea | entified varying in extent. | The debri | s was sampled | and analyzed. |
| 27040 | 101C/35 | HEAD PENETRATION 35 | E-11 | NDEP-0612 | VT / VT-10-236 / [·] Sat | | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source to | H penetration vacuum and for | s, debris was ide prced air no grea | enda of ASME Section XI entified varying in extent. | and ASM The debri | E Code Case N s was sampled | and analyzed. |
| 27110 | 101C/36 | HEAD PENETRATION 36 | E-11 | NDEP-0612 | VT / VT-10-237 / [·] Sat | | IBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration | s, debris was ide prced air no grea | entified varying in extent. | The debri | s was sampled a | and analyzed. |
| 27160 | 101C/37 | HEAD PENETRATION 37 | E-11 | NDEP-0612 | VT / VT-10-238 / [·] Sat | | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to Ilts. During initial examination of the RVC ation was performed after cleaning using v t the debris was from an external source t | H penetration | s, debris was ide prced air no grea | enda of ASME Section XI entified varying in extent. | and ASM The debri | E Code Case N s was sampled a | and analyzed. |

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| Summary No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Results | Syste | em Dwg/ISO | . E. |
|----------------|--------------------------------------|--|--------------------------------|--|--|---------|---------------------------------------|--------------|
| 27240 | 101C/38 | HEAD PENETRATION 38 | E-11 | NDEP-0612 | VT / VT-10-239 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration | s, debris was ide prced air no grea | entified varying in extent. | The deb | ris was sampled a | nd analyzed. |
| 27310 | 101C/39 | HEAD PENETRATION 39 | E-11 | NDEP-0612 | VT / VT-10-240 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration | s, debris was id prced air no grea | entified varying in extent. | The deb | ris was sampled a | nd analyzed. |
| 27360 | 101C/40 | HEAD PENETRATION 40 | E-11 | NDEP-0612 | VT / VT-10-242 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t lts. During initial examination of the RVC tion was performed after cleaning using t the debris was from an external source | H penetration | s, debris was ide prced air no grea | enda of ASME Section XI entified varying in extent. | The deb | ME Code Case N- ris was sampled a | nd analyzed. |
| 27440 | 101C/41 | HEAD PENETRATION 41 | E-11 | NDEP-0612 | VT / VT-10-243 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to lts. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration /acuum and fo | s, debris was ide prced air no grea | entified varying in extent. | The deb | ris was sampled a | nd analyzed. |
| 27510 | 101C/42 | HEAD PENETRATION 42 | E-11 | NDEP-0612 | VT / VT-10-244 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component to Its. During initial examination of the RVC Ition was performed after cleaning using v t the debris was from an external source f | H penetration acuum and fo | s, debris was ide prced air no grea | enda of ASME Section XI entified varying in extent. | The deb | ME Code Case N-7 ris was sampled a | nd analyzed. |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Resul | ts Sys | tem Dwg/ISO | Exa Dat |
|----------------|--------------------------------------|--|---------------------------------|--|---|------------|--|--------------|
| 27560 | 101C/43 | HEAD PENETRATION 43 | E-11 | NDEP-0612 | VT / VT-10-245 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and fe | s, debris was id orced air no grea | entified varying in exter | it. The de | ebris was sampled a | nd analyzed. |
| 27640 | 101C/44 | HEAD PENETRATION 44 | E-11 | NDEP-0612 | VT / VT-10-246 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and fe | s, debris was id prced air no gre | entified varying in exter | it. The de | bris was sampled a | nd analyzed. |
| 27710 | 101C/45 | HEAD PENETRATION 45 | E-11 | NDEP-0612 | VT / VT-10-247 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration | s, debris was id prced air no grea | enda of ASME Section entified varying in exter | it. The de | SME Code Case N-7 ebris was sampled a | nd analyzed. |
| 27760 | 101C/62 | HEAD PENETRATION 62 | E-11 | NDEP-0612 | VT / VT-10-248 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and for | s, debris was ide prced air no grea | entified varying in exter | t. The de | bris was sampled a | nd analyzed. |
| 27840 | 101C/63 | HEAD PENETRATION 63 | E-11 | NDEP-0612 | VT / VT-10-249 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | ation was performed on this component t ults. During initial examination of the RVC ation was performed after cleaning using t the debris was from an external source | H penetration vacuum and for | s, debris was id prced air no grea | enda of ASME Section entified varying in exter | t. The de | SME Code Case N-7 bris was sampled a | nd analyzed. |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Result | <u>s Syst</u> | em Dwg/ISO | Exam Date |
|-------------------|--|---|----------------------------|--|---|---------------|--|--------------|
| 27910 Comments | | HEAD PENETRATION 64 ion was performed on this component to s. During initial examination of the RVCH | | | | | | |
| | Further examinati | on was performed after cleaning using va he debris was from an external source to | cuum and f | orced air no gre | | | | |
| 27960 | 101C/65 | HEAD PENETRATION 65 | E-11 | NDEP-0612 | VT / VT-10-251 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments | satisfactory result Further examinati | ion was performed on this component to s. During initial examination of the RVCH on was performed after cleaning using va he debris was from an external source to | penetratior acuum and f | is, debris was id orced air no gre | entified varying in exten | t. The de | bris was sampled ar | nd analyzed. |
| 28040 | 101C/66 | HEAD PENETRATION 66 | E-11 | NDEP-0612 | VT / VT-10-252 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments | satisfactory result Further examinati | ion was performed on this component to s. During initial examination of the RVCH on was performed after cleaning using va he debris was from an external source to | penetratior acuum and f | is, debris was id orced air no grea | enda of ASME Section 2 entified varying in exten | t. The de | SME Code Case N-7 bris was sampled ar | nd analyzed. |
| 28110 | 101C/67 | HEAD PENETRATION 67 | E-11 | NDEP-0612 | VT / VT-10-253 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments | satisfactory result Further examinati | ion was performed on this component to s. During initial examination of the RVCH on was performed after cleaning using va he debris was from an external source to | penetratior icuum and f | is, debris was id orced air no grea | entified varying in exten | t. The de | bris was sampled ar | nd analyzed. |
| 28160 | 101C/68 | HEAD PENETRATION 68 | E-11 | NDEP-0612 | VT / VT-10-254 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments | satisfactory result Further examination | ion was performed on this component to s. During initial examination of the RVCH on was performed after cleaning using va he debris was from an external source to | penetration | s, debris was id orced air no grea | entified varying in exten | t. The de | bris was sampled ar | nd analyzed. |

| | Component Identification | Component Description | Item | Procedure | Method/Report/Resu | ilts_Sys | tem Dwg/ISO | E> D |
|-----------|--------------------------------------|---|--------------------------------|---------------------------------------|----------------------------------|-------------|-----------------------|--------------|
| 28240 | 101C/69 | HEAD PENETRATION 69 | E-11 | NDEP-0612 | VT / VT-10-255 / Sat | 1005 | HBR2-10618 SH00004 | 5/5/2010 |
| Comments: | satisfactory resu Further examina | nation was performed on this component to ults. During initial examination of the RVC ation was performed after cleaning using to the debris was from an external source | H penetration vacuum and fe | s, debris was id prced air no grea | entified varying in exte | ent. The de | ebris was sampled ar | nd analyzed. |
| 71805 | 122/14 | PIPE TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-022 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-022 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments: | | volumetric examination was performed or al commitment with satisfactory results. | n this compone | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |
| 1905 | 122/15 | ELBOW TO PIPE | E-12 | NDEP-0425 | UT / UT-10-023 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-023 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments: | | volumetric examination was performed or al commitment with satisfactory results. | this compone | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |
| 2205 | 122/18 | PIPE TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-024 / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments: | | volumetric examination was performed or al commitment with satisfactory results. | this compone | ent weld to the 1 | 995 Edition, 1996 Add | tenda of A | SME Section XI for S | Small Bore |
| 2305 | 122/19 | ELBOW TO PIPE | E-12 | NDEP-0425 | UT / UT-10-025 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-025 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments: | Ų | volumetric examination was performed or al commitment with satisfactory results. | this compone | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Resu | ilts Sys | tem Dwg/ISO | Exam Date |
|----------------|-----------------------------|--|-----------|-------------------|----------------------------------|------------|-----------------------|--------------|
| 2405 | 122/19A | PIPE TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-026 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-026 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| omments: | | volumetric examination was performed on the advantage of the set o | is compon | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |
| 2505 | 122/20 | ELBOW TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-027 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-027 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments: | | volumetric examination was performed on th al commitment with satisfactory results. | is compon | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |
| 2580 | 122/24 | MITERED ELBOW TO MITERED ELBOW | E-12 | NDEP-0425 | UT / UT-10-043 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-043 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| comments: | | volumetric examination was performed on th al commitment with satisfactory results. | is compon | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |
| 2605 | 122/21 | ELBOW TO PIPE | E-12 | NDEP-0425 | UT / UT-10-028 (Page 1) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-028 (Page 2) / Sat | 2060 | HBR2-10618 SH00032 | 5/1/2010 |
| Comments: | | volumetric examination was performed on th al commitment with satisfactory results. | is compon | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |
| 5305 | 122A/27 | PIPE TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-029 (Page 1) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-029 (Page 2) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| Comments: | | volumetric examination was performed on th al commitment with satisfactory results. | is compon | ent weld to the 1 | 995 Edition, 1996 Add | lenda of A | SME Section XI for S | Small Bore |

| 122A/28 An augmented volum license Renewal cor 122A/31 | ELBOW TO PIPE netric examination was performed on this nmitment with satisfactory results. PIPE TO ELBOW | | NDEP-0425 NDEP-0425 ent weld to the 19 | (Page 1) / Sat UT / UT-10-030 (Page 2) / Sat | 2060 2060 da of AS | HBR2-10618 SH00033 HBR2-10618 SH00033 SME Section XI for S | 5/1/2010 5/1/2010 Small Bore |
|---|---|--|---|---|--|---|--|
| icense Renewal cor | nmitment with satisfactory results. | | | (Page 2) / Sat | | SH00033 | |
| icense Renewal cor | nmitment with satisfactory results. | | ent weld to the 19 | 995 Edition, 1996 Adder | da of AS | ME Section XI for S | Small Bore |
| I22A/31 | PIPE TO ELBOW | E 40 | | | | | |
| | | E-12 | NDEP-0425 | UT / UT-10-031 (Page 1) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | | NDEP-0425 | UT / UT-10-031 (Page 2) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | compone | ent weld to the 1 | 995 Edition, 1996 Adder | da of AS | SME Section XI for S | Small Bore |
| 22A/32 | ELBOW TO PIPE | E-12 | NDEP-0425 | UT / UT-10-032 (Page 1) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | | NDEP-0425 | UT / UT-10-032 (Page 2) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | compone | ent weld to the 19 | 995 Edition, 1996 Adden | da of AS | SME Section XI for S | imall Bore |
| 22A/41 | PIPE TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-033 (Page 1) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | | NDEP-0425 | UT / UT-10-033 (Page 2) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | compone | ent weld to the 19 | 995 Edition, 1996 Adden | da of AS | SME Section XI for S | imall Bore |
| 22A/41A | ELBOW TO PIPE | E-12 | NDEP-0425 | UT / UT-10-034 (Page 1) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | | NDEP-0425 | UT / UT-10-034 (Page 2) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | icense Renewal cor 22A/32 In augmented volum icense Renewal cor 22A/41 In augmented volum icense Renewal con 22A/41A | iccense Renewal commitment with satisfactory results. 22A/32 ELBOW TO PIPE an augmented volumetric examination was performed on this iccense Renewal commitment with satisfactory results. 22A/41 PIPE TO ELBOW an augmented volumetric examination was performed on this iccense Renewal commitment with satisfactory results. 22A/41 PIPE TO ELBOW an augmented volumetric examination was performed on this iccense Renewal commitment with satisfactory results. 22A/41A ELBOW TO PIPE | License Renewal commitment with satisfactory results. 22A/32 ELBOW TO PIPE E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 22A/41 PIPE TO ELBOW E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 An augmented volumetric examination was performed on this componenticense Renewal commitment with satisfactory results. E-12 | License Renewal commitment with satisfactory results. 22A/32 ELBOW TO PIPE E-12 NDEP-0425 NDEP-0425 NDEP-0425 An augmented volumetric examination was performed on this component weld to the 19 License Renewal commitment with satisfactory results. 22A/41 PIPE TO ELBOW E-12 NDEP-0425 An augmented volumetric examination was performed on this component weld to the 19 License Renewal commitment with satisfactory results. 22A/41A ELBOW TO PIPE E-12 NDEP-0425 An augmented volumetric examination was performed on this component weld to the 19 License Renewal commitment with satisfactory results. 22A/41A ELBOW TO PIPE E-12 NDEP-0425 NDEP-0425 NDEP-0425 An augmented volumetric examination was performed on this component weld to the 19 NDEP-0425 NDEP-0425 NDEP-0425 NDEP-0425 | License Renewal commitment with satisfactory results. 22A/32 ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-032 (Page 1) / Sat NDEP-0425 UT / UT-10-032 (Page 2) / Sat NDEP-0425 UT / UT-10-032 (Page 2) / Sat An augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Adden icense Renewal commitment with satisfactory results. 22A/41 PIPE TO ELBOW E-12 NDEP-0425 UT / UT-10-033 (Page 1) / Sat 22A/41 PIPE TO ELBOW E-12 NDEP-0425 UT / UT-10-033 (Page 2) / Sat xn augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Adden icense Renewal commitment with satisfactory results. 22A/41A ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-034 (Page 1) / Sat 22A/41A ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-034 (Page 1) / Sat 22A/41A ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-034 (Page 2) / Sat xn augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Adden (Page 2) / Sat NDEP-0425 UT / UT-10-034 (Page 2) / Sat | icense Renewal commitment with satisfactory results. 22A/32 ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-032 2060 (Page 1) / Sat NDEP-0425 UT / UT-10-032 2060 (Page 2) / Sat NDEP-0425 UT / UT-10-032 2060 (Page 2) / Sat 22A/41 PIPE TO ELBOW E-12 NDEP-0425 UT / UT-10-033 2060 (Page 1) / Sat NDEP-0425 UT / UT-10-033 2060 (Page 2) / Sat NDEP-0425 UT / UT-10-033 2060 (Page 2) / Sat NDEP-0425 UT / UT-10-033 2060 (Page 2) / Sat 22A/41 ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-034 2060 (Page 1) / Sat 22A/41A ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-034 2060 (Page 1) / Sat NDEP-0425 UT / UT-10-034 2060 (Page 2) / Sat NDEP-0425 UT / UT-10-034 2060 (Page 2) / Sat NDEP-0425 UT / UT-10-034 2060 (Page 2) / Sat | 22A/32 ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-032 2060 HBR2-10618 NDEP-0425 UT / UT-10-032 2060 HBR2-10618 SH00033 NDEP-0425 UT / UT-10-032 2060 HBR2-10618 An augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Addenda of ASME Section XI for Sicense Renewal commitment with satisfactory results. 22A/41 PIPE TO ELBOW E-12 NDEP-0425 UT / UT-10-033 2060 HBR2-10618 NDEP-0425 UT / UT-10-033 2060 HBR2-10618 SH00033 NDEP-0425 UT / UT-10-033 2060 HBR2-10618 SH00033 NDEP-0425 UT / UT-10-033 2060 HBR2-10618 NDEP-0425 UT / UT-10-033 2060 HBR2-10618 SH00033 Nn augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Addenda of ASME Section XI for Sicense Renewal commitment with satisfactory results. 22A/41A ELBOW TO PIPE E-12 NDEP-0425 UT / UT-10-034 2060 HBR2-10618 (Page 1) / Sat SH00033 NDEP-0425 UT / UT-10-034 2060 HBR2-10618 (Page 2) / Sat UT / UT-1 |

| | Component Identification | Component Description | Item | Procedure | Method/Report/Res | ults Sys | stem Dwg/ISO | Ex Da |
|---------------------------|---|--|----------------------|--|--|------------------------------------|---|--|
| 6905 | 122A/42 | PIPE TO REDUCER | E-12 | NDEP-0425 | UT / UT-10-035 (Page 1) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-035 (Page 2) / Sat | 2060 | HBR2-10618 SH00033 | 5/1/2010 |
| omments: | An augmented v License Renewa | olumetric examination was performed on I commitment with satisfactory results. | this compone | ent weld to the 1 | 995 Edition, 1996 Ad | denda of A | ASME Section XI for S | Small Bore |
| 5405 | 124/04 | VALVE CVC-312B TO PIPE | E-12 | NDEP-0425 | UT / UT-10-037 (Page 1) / Sat | 2060 | HBR2-10618 SH00036 | 5/1/2010 |
| | | | | NDEP-0425 | UT / UT-10-037 (Page 2) / Sat | 2060 | HBR2-10618 SH00036 | 5/3/2010 |
| Comments: | | olumetric examination was performed on I commitment with satisfactory results. Th | | | | | | |
| | | | | | | | | |
| 6705 | 124/16 | PIPE TO ELBOW | E-12 | NDEP-0425 | UT / UT-10-038 (Page 1) / Sat | 2060 | HBR2-10618 SH00036 | 5/2/2010 |
| 6705 | 124/16 | PIPE TO ELBOW | E-12 | NDEP-0425 NDEP-0425 | | 2060 2060 | | 5/2/2010 5/1/2010 |
| | An augmented v | PIPE TO ELBOW olumetric examination was performed on I commitment with satisfactory results. | | NDEP-0425 | (Page 1) / Sat UT / UT-10-038 (Page 2) / Sat | 2060 | SH00036 HBR2-10618 SH00036 | 5/1/2010 |
| comments: | An augmented v | olumetric examination was performed on | | NDEP-0425 | (Page 1) / Sat UT / UT-10-038 (Page 2) / Sat | 2060 | SH00036 HBR2-10618 SH00036 | 5/1/2010 |
| 6705 comments: 6805 | An augmented v License Renewa | olumetric examination was performed on a location of a sector of the sec | this compone | NDEP-0425 ent weld to the 1 | (Page 1) / Sat UT / UT-10-038 (Page 2) / Sat 995 Edition, 1996 Ad UT / UT-10-039 (Page 1) / Sat UT / UT-10-039 | 2060 denda of A | SH00036 HBR2-10618 SH00036 ASME Section XI for S HBR2-10618 | 5/1/2010 Small Bore |
| comments: | An augmented v License Renewa 124/16A An augmented v | olumetric examination was performed on a location of a sector of the sec | this compone E-12 | NDEP-0425 ent weld to the 1 NDEP-0425 NDEP-0425 | (Page 1) / Sat UT / UT-10-038 (Page 2) / Sat 995 Edition, 1996 Ad UT / UT-10-039 (Page 1) / Sat UT / UT-10-039 (Page 2) / Sat | 2060 denda of A 2060 2060 | SH00036 HBR2-10618 SH00036 ASME Section XI for S HBR2-10618 SH00036 HBR2-10618 SH00036 | 5/1/2010 Small Bore 5/2/2010 5/2/2010 |
| comments: 6805 | An augmented v License Renewa 124/16A An augmented v | olumetric examination was performed on I commitment with satisfactory results. ELBOW TO PIPE olumetric examination was performed on t | this compone E-12 | NDEP-0425 ent weld to the 1 NDEP-0425 NDEP-0425 | (Page 1) / Sat UT / UT-10-038 (Page 2) / Sat 995 Edition, 1996 Ad UT / UT-10-039 (Page 1) / Sat UT / UT-10-039 (Page 2) / Sat | 2060 denda of A 2060 2060 | SH00036 HBR2-10618 SH00036 ASME Section XI for S HBR2-10618 SH00036 HBR2-10618 SH00036 | 5/1/2010 Small Bore 5/2/2010 5/2/2010 |

Dimments: An augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Addenda of ASME Section XI for Small Bore License Renewal commitment with satisfactory results. This volumetric examination was limited to 91.30% due to part configuration and an adjacent 2 1/2" conduit.

| Summary No. | Component Identification | Component Description | Item | Procedure | Method/Report/Res | ults Sys | tem Dwg/ISO | Exam Date |
|----------------|-----------------------------|-----------------------|------|-----------|----------------------------------|----------|-----------------------|--------------|
| 87005 | 124/17 | ELBOW TO PIPE | E-12 | NDEP-0425 | UT / UT-10-041 (Page 1) / Sat | 2060 | HBR2-10618 SH00036 | 5/2/2010 |
| | | | | NDEP-0425 | (Tage 2) / Sat (Page 2) / Sat | 2060 | HBR2-10618 SH00036 | 5/2/2010 |

Comments: An augmented volumetric examination was performed on this component weld to the 1995 Edition, 1996 Addenda of ASME Section XI for Small Bore License Renewal commitment with satisfactory results.

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TAB D

PRESERVICE EXAMINATION SUMMARY

RO-26 Pre-Service Examination Summary

| Summary No. | Component Identification | Component Description | ltem | Procedure | Method/Report/Result | s Sys | tem Dwg/ISO | Exam Date |
|----------------|-----------------------------|---|------------|-------------------|--------------------------------|---------|----------------------------------|--------------------|
| 125560 | 141/34 | PIPE TO VALVE SI-976 | B9.40 | NDEP-0201 | PT / PT-10-030 / | 2080 | HBR2-10618 | 5/13/2010 |
| Comments: | A preservice sur | face examination was performed on this co | mponent w | eld to the 1995 | Sat Edition, 1996 Addenda o | of ASME | SH00053 Section XI with satis | factory results. |
| 125570 | 141/35 | VALVE SI-976 TO PIPE | B9.40 | NDEP-0201 | PT / PT-10-031 / Sat | 2080 | HBR2-10618 SH00053 | 5/13/2010 |
| Comments: | A preservice sur | face examination was performed on this co | mponent w | eld to the 1995 | | of ASME | | factory results. |
| 128400 | 141/25 | PIPE TO VALVE SI-866B WELD | B9.40 | NDEP-0201 | PT / PT-10-007 / Sat | 2080 | HBR2-10618 SH00053 | 5/6/2010 |
| Comments: | A preservice sur | face examination was performed on this co | mponent w | eld to the 1995 | | of ASME | | factory results. |
| 133900 | 142/26 | PIPE TO VALVE SI-866A WELD | B9.40 | NDEP-0201 | PT / PT-10-008 / Sat | 2080 | HBR2-10618 SH00054 | 5/5/2010 |
| Comments: | A preservice sur | face examination was performed on this co | mponent w | eld to the 1995 | Edition, 1996 Addenda o | of ASME | Section XI with satis | factory results. |
| 130550 | 141/SI-1-105 | CLOSED BOX RESTRAINT | F1.10A | NDEP-0613 | VT / VT-10-868 / Sat | 2080 | HBR2-10618 SH00053 | 5/16/2010 |
| Comments: | A preservice visu | ual examination was performed on this com | ponent sup | oport to the 1998 | 5 Edition, 1996 Addenda | of ASM | E Section XI with sat | isfactory results. |
| 308000 | 243/10 | PIPE TO VALVE SI-866A WELD | C5.30 | NDEP-0201 | PT / PT-10-027 / Sat | 2080 | HBR2-10618 SH00109 | 5/5/2010 |
| Comments: | A preservice surf | face examination was performed on this co | nponent w | eld to the 1995 | Edition, 1996 Addenda o | of ASME | | factory results. |
| 309000 | 243/18 | PIPE TO VALVE SI-866B WELD | C5.30 | NDEP-0201 | PT / PT-10-028 / Sat | 2080 | HBR2-10618 SH00109 | 5/6/2010 |
| Comments: | A preservice surf | face examination was performed on this co | nponent w | eld to the 1995 | Edition, 1996 Addenda o | of ASME | Section XI with satis | factory results. |

TAB E

PRESSURE TEST SUMMARY

The table below lists the completed pressure tests performed from the close date of the previous NIS-1 (November 7, 2008) and the close of refueling outage 26 (7/19/2010) of the Fourth Ten Year Interval.

| SYSTEM | DESCRIPTION | COMPLETION | PROCEDURE | RESULTS |
|----------------|---|------------|------------|---------|
| | | DATE | | |
| CCW | ISI PRESSURE TESTING OF COMPONENT COOLING WATER TO CRD COOLER, RCP-A, B, AND C, AND EXCESS LETDOWN H EAT EXCHANGER (EACH ISI PROGRAM INSPECTION PEROID) | 7/7/2010 | EST-076 | SAT |
| RCS | INSERVICE INSPECTION PRESSURE RETAINING VT-2 BOLTING EXAMINATION OF THE REACTOR COOLANT SYSTEM (REFUELING SHUTDOWN INTERVAL) | 4/26/2010 | *EST-083-1 | SAT |
| RCS | INSERVICE INSPECTION PRESSURE TESTING OF THE REACTOR COOLANT SYSTEM (REFUELING SHUTDOWN INTERVAL) | 7/16/2010 | *EST-083-2 | SAT |
| SI | INSERVICE INSPECTION PRESSURE TESTING OF SAFETY IN JECTION PUMP DISCHARGE PIPING (EACH ISI PROGRAM IN SPECTION PERIOD) | 1/15/2009 | EST-078 | SAT |
| SW | INSERVICE INSPECTION PRESSURE TESTING OF SERVICE WATER INSIDE CONTAINMENT TO AND FROM HVH UNITS 1 TH ROUGH 4 (EACH ISI PROGRAM INSPECTION PERIOD) | 7/6/2010 | EST-081 | SAT |
| AFW | INSERVICE INSPECTION PRESSURE TESTING OF AUXILIARY FEEDWATER SYSTEM (EACH ISI PROGRAM INSPECTION PER IOD) | 1/8/2009 | EST-082 | SAT |
| S/G, FW, MS | INSERVICE INSPECTION PRESSURE TESTING OF THE STEAM GENERATOR SECONDARY SIDE AND ASSOCIATED CLASS 2 PIPING (EACH ISI PROGRAM INSPECTION PERIOD) | 7/16/2010 | EST-128 | SAT |

*Includes Bolting Inspection on Borated Systems (invoked Code Case N-533-1)

No deficiencies were noted for the above Engineering Surveillance Tests and all exceptions were addressed by the normal work request process and retained as permanent records, which may be obtained through the Progress Energy Carolinas, Inc., Document Control Services.



EXAMINATION PERCENTAGE SUMMARY

CLASS 1 SUMMARY TABLE

| | TOTAL | INTERVAL | INTERVAL | INTERVAL | NUMBER S | CHEDULED/C | OMPLETED ³ |
|-------------------------|------------|-----------|----------|----------|-----------------|-----------------|-----------------------|
| CATEGORY | NUMBER OF | NUMBER | NUMBER | PERCENT | 1 st | 2 ND | 3 RD |
| | COMPONENTS | REQUIRED | COMPLETE | COMPLETE | PERIOD | PERIOD | PERIOD |
| B-A *,2 | 20 | 20 | 0 | 0% | 0/0 | 0/0 | 20/0 |
| B-B ¹ | 13 | 5 | 3 | 60% | 1/1 | 2/2 | 2/0 |
| B-D* | 36 | 23 | 9 | 39% | 3/3 | 4/4 | 16/2 |
| B-F* | 18 | 18 | 12 | 66% | 4/4 | 8/8 | 6/0 |
| B-G-1* | 347 | 344 | 96 | 28% | 48/48 | 48/48 | 248/0 |
| B-G-2 | 44 | 44 | 32 | 72% | 17/17 | 12/12 | 15/3 |
| B-J | 721 | 181 | 131 | 72% | 56/56 | 68/68 | 61/7 |
| B-K | 53 | 6 | 4 | 66% | 2/2 | 2/2 | 2/0 |
| B-L-1 | 9 | 3 | 0 | 0% | 0/0 | 0/0 | 3/0 |
| B-L-2 | 3 | 1 | 1 | 100% | 0/0 | 0/0 | 1/1 |
| B-M-2 | 11 | 3 | 3 | 100% | 0/0 | 2/2 | 1/1 |
| B-N-1 | 1 | 2 | 1 | 50% | 0/0 | 1/1 | 1/0 |
| B-N-2 | 1 | 2 | 1 | 50% | 0/0 | 1/1 | 1/0 |
| B-N-3 | 1 | 2 | 1 | 50% | 0/0 | 1/1 | 1/0 |
| B-O ² | 56 | 3 | 3 | 100% | 1/1 | 0/0² | 2/2 |
| B-P | 1 | 7 | 6 of 7 | 85% | 2/2 | 3/3 | 2/1 |
| B-Q | 3 | TECH SPEC | N/A | N/A | N/A | N/A | N/A |

* Deferral Permissible

¹ Code Case N-598 invoked for this Category
 ² Reactor Head Replaced in RO-23
 ³ Minimum counts identified, actual completion counts may be greater.

CLASS 2 SUMMARY TABLE

| | TOTAL | INTERVAL | INTERVAL | INTERVAL | # SCHEDULED/COMPLETED ² | | | |
|----------|------------|-----------------|----------|----------|------------------------------------|-----------------|-----------------|--|
| CATEGORY | NUMBER OF | NUMBER | NUMBER | PERCENT | 1 ^{s†} | 2 ND | 3 RD | |
| | COMPONENTS | REQUIRED | COMPLETE | COMPLETE | PERIOD | PERIOD | PERIOD | |
| C-A | 21 | 9 | 6 | 66% | 3/3 | 3/3 | 3/0 | |
| С-В | 26 | 11 | 7 | 63% | 4/4 | 3/3 | 4/0 | |
| C-C | 164 | 8 | 7 | 88% | 3/3 | 4/4 | 3/1 | |
| C-D | 1 | 1 | 1 | 100% | 0/0 | 1/1 | 0/0 | |
| C-F-1 | 1114 | 84 | 60 | 71% | 24/241 | 28/28 | 23/8 | |
| C-F-2 | 141 | 28 | 23 | 82% | 10/101 | 10/10 | 10/3 | |
| C-G | 4 | 2 | 0 | 0% | 0/0 | 0/0 | 2/0 | |
| C-H | 11 | 11 (per period) | 23 of 33 | 69% | 11/11 | 11/11 | 11/1 | |

¹ Code Case N-598 invoked for this Category

² Minimum counts identified, actual completion counts may be greater.

CLASS 1, 2, & 3 SUPPORT SUMMARY TABLE

| | TOTAL | INTERVAL | INTERVAL | INTERVAL | # SCHEI | DULED/COMP | LETED ² |
|--------------------------------|---|----------|----------|----------|-----------------|-----------------|--------------------|
| CATEGORY | NUMBER OF | NUMBER | NUMBER | PERCENT | 1 ^{s⊤} | 2 ND | 3 RD |
| | COMPONENTS | REQUIRED | COMPLETE | COMPLETE | PERIOD | PERIOD | PERIOD |
| F-A F1.101 | 198 | 50 | 35 | 70% | 17/17 | 17/17 | 18/1 |
| F-A, F1.20 ¹ | 475 | 72 | 71 | 98% | 23/23 | 24/24 | 25/24 |
| F-A, F1.30 ¹ | 463 | 47 | 47 | 100% | 16/16 | 16/16 | 16/16 |
| F-A, F1.40 ¹ | 94 Supports on 46 components (24 Groups) | 46 | 38 | 82% | 16/16 | 16/16 | 16/8 |

¹ Code Case N-598 invoked for this Category

² Minimum counts identified, actual completion counts may be greater.

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REPAIR AND REPLACEMENT

RO-26 REPAIR/REPLACEMENT SUMMARY REPORT

| WRJO | OtherID1 | System # | Description | Component1 | NIS2 # |
|------------|------------------|-------------|---|------------------------|--------|
| 1049302 03 | CVC-347 | 2060 | Removed bonnet assembly from CVC-347 from stores and replaced bonnet assembly on CVC-375 (WO 766697) in the plant. This task will replace the bonnet assembly on CVC-347 in stores when the new one arrives. | Bonnet Assembly | 09-008 |
| 603793 | BA-XFER-PMP-A | 2060 | Replaced BA-XFER-PMP-A | Pump | 09-009 |
| 831323 | DG-A-AFT-CLR-HTX | 5095 | Replacing EDG-"A" after cooler tube bundle | Tube Bundle | 09-010 |
| 831355 | DG-A-JW-HTX | 5095 | Replacing EDG "A" jacket water tube bundle | Tube Bundle | 09-011 |
| 1523432 | 2-FO-60B | 5100 | Like for Like replace piping and fittings | Piping/Fittings | 09-012 |
| 1549234 | CHG-PMP-B-DAMP | 2060 | Replace mounting plate stud and nut. | Welded Rod | 09-014 |
| 1488384-2 | 2-CH-151R-30 | 2060 | Remove section of 2" line and install flow element | 2" Piping and Fittings | 09-015 |
| 1488384-4 | 2-CH-151R-31 | 2060 | Remove section of 2" line and install flow element | 2" Piping and Fittings | 09-016 |
| 825798 | SW-PMP-A | 4060 | Replacing packing head cap screws | Cap Screw | 10-001 |
| 1092369 | SW-PMP-B | 4060 | Replaced service water pump "B" for periodic maintenance. | Pump | 10-002 |
| 1669193 01 | CVC-277A | 2060 | Replaced valve and piping. | Valve | 10-003 |
| 774551 | MS-263A | 3020 | replaced valve piston/disc | Piston/disc | 10-004 |
| 559032 | SNUBBER 29 | 3050 | Replaced snubber | Snubber | 10-005 |
| 1122961 01 | CC-772 | 4080 | Replace valve disc | Valve Disc | 10-006 |
| 1122963 01 | CC-776 | 4080 | Replace valve disc | Valve Disc | 10-007 |
| 1372330 01 | SFPC-HTX | 7110 | Tube plugging and fastener nut replacement | Tube Plug | 10-008 |
| 1398612 01 | SW-92 | 4060 | Tack weld bushing to bonnet | Valve | 10-009 |
| 1531208 02 | CC-748B | 4080 | Replace Butterfly Valve and associated hardware | Butterfly Valve | 10-010 |
| 1123926 01 | FE-11206 | 4080 | Install FE-11206 in line 24-AC-152N-26 | V-cone Flow Element | 10-011 |
| 1736565 01 | CVC-275A | 2060 | Replaced valve bonnet | Bonnet | 10-012 |
| 1753389 01 | CCW-HTX-A | 4080 | Install Two Nozzles on the Hx Shell | Nozzles | 10-013 |
| 1764779 01 | CVC-334 | 2060 | Replace bonnet assembly | Bonnet | 10-014 |
| 1531208 01 | CC-748A | 4080 | Replace Butterfly Valve and associated hardware | Butterfly Valve | 10-015 |

RO-26 REPAIR/REPLACEMENT SUMMARY REPORT

| WRJO | OtherID1 | System # | Description | Component1 | NIS2# |
|------------|----------------------------|-------------|--|-----------------|--------|
| 987263 01 | CC-775 | 4080 | Replaced CC-775 and piping | Valve | 10-016 |
| 855892 | SW-18 | 4060 | Remove and reinstall line to facilitate work on SW-18 | Butterfly Valve | 10-017 |
| 1691084 01 | 10-AC-152N-41 | 4080 | Install branch connection to facilitate hot tap activity | Branch Pipe | 10-018 |
| 1691085 01 | 10-AC-152N-40 | 4080 | Install branch connection to facilitate hot tap activity | Branch Piping | 10-019 |
| 1436029 | HCV-121 | 2060 | Replaced valve disc, cage plug and stem assembly | Valve Plug | 10-020 |
| 1531183 | SI-976 | 2080 | Install new cross-tie valve and support | Valve | 10-021 |
| 1120927 | V12-19 | 2075 | Replace valve and modify support | Valve | 10-022 |
| 855891 | SW-19 | 4060 | Replace valve SW-19 | Butterfly Valve | 10-023 |
| 1728243 | 4-CH-151R-47 | 2060 | Replace CVC-121D by cutting out 4-CH-151R-47 | Piping | 10-024 |
| 1530171 | SI-866A | 2080 | Replaced valve SI-866A and Hydro Welds | Valve | 10-025 |
| 1440710-18 | 2-CH-2501R-8A | 2060 | Cut piping welds to facilitate RC Pump C activities | Piping | 10-026 |
| 1440710-22 | 2-CH-2501R-9A | 2060 | Cut piping welds to facilitate RC Pump C activities | Piping | 10-027 |
| 1672700 | 2-CH-151R-75 | 2060 | Replace section of 2-CH-151R-75 due to thru wall leak | Pipe | 10-028 |
| 1531176 | V12-15 | 2075 | Valve replacement and support modification | 3" Valve | 10-029 |
| 1530166 | SI-866B | 2080 | Replaced valve SI-866B and Hydro Welds | Valve | 10-030 |
| 766723 | SI-890 | 2080 | Replaced Valve Disc | Valve disc | 10-031 |
| 1407386 | A-BA-TNK-HTR-A | 2060 | Weld build-up of flange raised face due to wastage/Replace Bolting | Bolt | 10-032 |
| 774848 | AFW-105 | 3065 | Replaced studs | Studs | 10-033 |
| 1485921 | 1-RC-2501R-94 | 2005 | Replaced Studs and nuts on Reactor Head Vent piping | Studs | 10-034 |
| 1537092 | Flow Element Components | 3065 | Installation of FE-11242 by mechanical and welding. | FE-11242 | 10-035 |
| 1571873 | Snubber #17 | 2045 | Replaced snubber. | Snubber | 10-036 |
| 1690928 01 | CC-794B | 4080 | Replace valve | Globe Valve | 10-038 |
| 1690931 01 | CC-728D | 4080 | Replace valve | Globe Valve | 10-039 |
| 1690934 01 | CC-708B | 4080 | Replace valve | Globe Valve | 10-040 |
| 1690935 01 | CC-708A | 4080 | Replace valve | Globe Valve | 10-041 |

RO-26 REPAIR/REPLACEMENT SUMMARY REPORT

| WRJO | OtherID1 | System # | Description | Component1 | NIS2 # |
|------------|------------------|-------------|--|--------------|--------|
| 1758804 | SI-864A | 2080 | Replaced bonnet nut due to misplacement | Stud nut | 10-042 |
| 1512498 | EXCS-LTDN-HTX | 2060 | Shell flange studs replaced due to boric acid leakage, re-weld lines to support gasket change out. | Flange Studs | 10-043 |
| 1537080 | 4-FW-18A | 3065 | Addition of Line 4-FW-18A and Modification of support SS-3072 | Piping | 10-044 |
| 1485582 | MS-261A | 3020 | Replaced bonnet nut. | Nut | 10-045 |
| 1533588 | 6-CW-86A | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-047 |
| 1600889 | 2-CW-155 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-048 |
| 1600895 | 2-CW-135 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-049 |
| 1600867 | 2-CW-156 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-050 |
| 1600855 | 3-CW-154 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-051 |
| 1600853 | 3-CW-158 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-052 |
| 1600746 | 6-CW-85A | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-053 |
| 1600748 | 6-CW-87 | 4060 | Replace Pipe and associated fittings/valves, includes tack welding bushing to bonnet on valve SW-88. | Piping | 10-054 |
| 1600768 | 6-CW-88 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-055 |
| 1600841 | 6-CW-159 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-056 |
| 1600844 | 4-CW-269 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-057 |
| 1746791 05 | CVC-340 | 2060 | Replace bonnet assembly | Bonnet | 10-058 |
| 1600846 | 4-CW-268 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-059 |
| 1600913 | 2-CW-103 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-060 |
| 1600914 | 2-CW-102 | 4060 | Replace Pipe and associated fittings including valves | Piping | 10-061 |
| 600748 24 | SS-3114 | 4060 | Modify and/or adjust supports | Support | 10-062 |
| 643443 | RHR-759A | 2045 | Replace disc with new disc and weld build-up disc guide ears | Valve Disc | 10-063 |
| 1640632 | RHR-759B | 2045 | Replace disc with new disc and weld build-up disc guide ears | Valve Disc | 10-064 |
| 530690 | CC-749B | 4080 | Replace disc with new disc and weld build-up disc guide ears | Valve Disc | 10-065 |
| 331324 | DG-B-AFT-CLR-HTX | 5095 | Replacing EDG-"B" after cooler tube bundle | Tube Bundle | 10-066 |

ATTACHMENT

OWNERS REPAIR / REPLACEMENT ACTIVITIES FORM NIS-2

1

APPENDIX II MANDATORY

Form NIS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. · | Owner CAROLINA POWER & LIGHT COMPANY Name | Date: | 8/30/2010 |
|------|---|---|---------------------------|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet: 1 | of 2 |
| 2. | Plant <u>H.B.ROBINSON</u> Name | Unit: | 2 |
| | | ESR#:N/A | EE:87-112 |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 | WR/WO:831324 | CR:N/A |
| | Address | Repair Organiza | ation PO No; Job No; etc. |
| 3. | Work Performed by CAROLINA POWER & LIGHT COMPANY | Type Code Symbol St | amp: N/A |
| | Name | Authorization No.: | |
| | 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 | Expiration Date: | |
| | Address | Expiration Bato | |
| 4. | Identification of System: Class:3 | EMERGENCY DIESEL | GENERATOR 5095 |
| 5. | (a) Applicable Construction Code <u>: ASME VIII</u> Edition <u>: 1965</u> Design Specification | Addenda <u>:N/A</u> on: <u>729-063-16</u> | Code Case <u>:N/A</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement | t Activity: <u>1995 Edition 19</u> Code Ca | |

Identification of Components Repaired or Replaced and Replacement Components 6.

| 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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Tube Bundle | Fairbanks Morse | N/A | N/A | DG-B-AFT-CLR- HTX | 1971 | Removed | N |
| Tube Bundle | Fairbanks Morse | 969203-01-1 | N/A | DG-B-AFT-CLR- HTX | 2008 | Installed | N |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work: Replacing EDG-"B"aftercooler tube bundle

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2_ of 2.

Remarks: See WO 831324 turnover package

Applicable Manufacturers Data Reports to be attached

| CERTIFICATE OF CO | MPLIANCE | | |
|---|---|----------------------------------|---------------------|
| I certify that the statements made in the report are correct and this conf | orms to the requireme | ents of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | | |
| | | Date | 8/30/2010 , |
| Owner or Owner's | Designee, Title | | |
| | ICE INSPECTION | / | |
| I, the undersigned, holding a valid commission issued by the Nation | al Board of Boiler ar | nd Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> and employe | by THE HARTE | ORD STEAM BOIL | LER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD, CONNECTICUT | nave inspected the o | components descrit | oed in this Owner's |
| Report during the period5/15/2006toto | 3/30/2010 | and state | that to the best of |
| my knowledge and belief, the Owner has performed examinations | and taken corrective | e measures descrit | oed in this Owner's |
| Report in accordance with the requirements of the ASME Code, Se | ction XI. | | |
| By signing this certificate neither the Inspector or his employer n examinations and corrective measures described in this Owner's F | eport. Furthermore, | neither the Inspect | or nor his employer |
| shall be liable in any manner for any personal injury or property da | mage or a loss of a | ny kind arising from | n or connected with |
| this inspection. | | | |
| Inspector's Signature | Commissions <u>N</u> National Board, State | IC# 1580 e, Province, and End | orsements |
| Date: <u>8/30/2010</u> | | | |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | Date: | · | 8/24/2010 | |
|------------|--|-----------------------------|---------------------------------|--|--------------|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet: | 1 | of 2 | |
| 2 . | Plant <u>H.B.ROBINSON</u> Name | Unit: | | 2 | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | ESR#:6345 WR/WO:15 | 530690 | EE:N/A CR:N/A ion PO No;Job No;e | |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address | Type Code Authorizatio | Symbol Star on No.: Date: | mp: <u>N/A</u> N/A | |
| 4. | Identification of System: Class:3 | COMPONE | | <u>G WATER SYSTE</u> | <u> 4080</u> |
| 5. | (a) Applicable Construction Code <u>B 31.1</u> Edition <u>: 1967</u> Design Specificatio | Addenda n: <u>676258</u> | : <u>N/A</u> | Code Case <u>:N/A</u> | |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement | Activity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identification of Components Repaired or Replaced and Replacement | ent Componer | nts | | |
| | | | | | ACHE |

| 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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Valve Disc | Crane | N/A | N/A | CC-749B | 1971 | Removed | N |
| Valve Disc | Crane | D6359 | N/A | CC-749B | 2010 | Installed | N |
| Valve Disc | Maintenance | D6359 | N/A | CC-749B | 2010 | Corrected | N |
| | _ | | | | | | |
| | | | | | | | |

7. Description of Work: <u>Replace disc with new disc and weld build-up disc guide ears</u>

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

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

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 1530690 turnover package. Additional supporting documentation is contained in PO 503828.

Applicable Manufacturers Data Reports to be attached

| CERTIFICATE OF COM | IPLIANCE | | |
|--|--|--------------------|------------------|
| I certify that the statements made in the report are correct and this confor | ms to the requirements | of the ASME Code, | Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| | | Date | 8/24/2010 |
| Owner or Owner's [| Designee, Title | | |
| CERTIFICATE OF INSERVIC | | | |
| | | | |
| I, the undersigned, holding a valid commission issued by the Nationa | Board of Boiler and Pr | essure Vessel Ins | pectors and the |
| State or Province of <u>North Carolina</u> and employed | by THE HARTFORD | STEAM BOILER | |
| AND INSURANCE COMPANY of HARTFORD, CONNECTICUT ha | we inspected the comp | onents described | in this Owner's |
| Report during the period <u>5/23/2010</u> to <u>8/</u> | 24/2010 | and state tha | t to the best of |
| my knowledge and belief, the Owner has performed examinations a | nd taken corrective me | asures described | in this Owner's |
| Report in accordance with the requirements of the ASME Code, Sect | on XI. | | |
| | , | | |
| By signing this certificate neither the Inspector or his employer ma | kes any warranty, expr | essed or implied, | concerning the |
| examinations and corrective measures described in this Owner's Re | port. Furthermore, neith | er the Inspector n | or his employer |
| shall be liable in any manner for any personal injury or property dam | age or a loss of any ki | nd arising from or | connected with |
| this inspection. | | | |
| - Hour | and MO# 4 | 590 | |
| | ommissions <u>NC# 1</u> ational Board, State, Pro | | ements |
| | | · · | |
| Date: 8/24/2010 | | | |
| | | | |
| | | : | |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA POWE Na | R & LIGHT CO | MPANY | Date: | ··· | 8/24/2010 | |
|----|-----------------|-------------------------------|----------------------|--|---------------|---------------------------|----------------------------|-----------|
| | <u>411 FAYE</u> | TTEVILLE ST., RALE Address | EIGH, NC 2760 | 2 | Sheet: | | of | 2 |
| 2. | Plant | H.B.ROBINSON Name | | | Unit: | | 2 | |
| | | | | | ESR#:63452 | | EE:N/ | Ά |
| | 3581 WES | ST Entrance RD; HAR | TSVILLE SC | 29550 | WR/WO:1640 | | CR:N | |
| | <u></u> | Address | | | | | n PO No;Job | |
| 3. | Work Perf | ormed by CAROLINA | POWER & LIG | GHT COMPANY | Type Code Sy | vmbol Stam | 10: N/ | A |
| | | | Name | | Authorization | | | |
| | 3581 WES | ST ENTRANCE RD; H | | SC 29550 | Expiration Da | | | |
| | <u></u> | Address | | <u></u> | Expiration Du | | | <u> </u> |
| 4. | Identificati | on of System: | Class | :2 | RESIDUAL HE | AT REMO | AL SYSTEM | 2045 |
| 5. | (a) App | licable Construction C | Code <u>: B 31.1</u> | Edition <u>: 1967</u> Design Specificatio | | | Code Case <mark>:N/</mark> | <u>'A</u> |
| | (b) Applie | cable Edition of Section | on XI Used for | Repair/Replacement | | dition 1996 Code Case: | | |

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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Valve Disc | Crane | N/A | N/A | RHR-759B | 1971 | Removed | N |
| Valve Disc | Crane | D6188 | N/A | RHR-759B | 2010 | Installed | N |
| Valve Disc | Maintenance | D6188 | N/A | RHR-759B | 2010 | Corrected | N |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work: <u>Replace disc with new disc and weld build-up disc guide ears</u>

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

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

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2_ of 2.

| Remarks: See WO 1640632 turnover package. Additional supporting documentation is contained in PO 503828. |
|--|
|--|

Applicable Manufacturers Data Reports to be attached

| CERTIFICATE OF COMPLIANCE |
|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp N/A |
| Certificate of Authorization No |
| Signed Date Date Date 8/24/2010 |
| Owner or Owner's Designee, Title |
| CERTIFICATE OF INSERVICE INSPECTION |
| |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER INSPECTIO |
| AND INSURANCE COMPANY_ofHARTFORD, CONNECTICUT have inspected the components described in this Owner |
| Report during the period 5/24/2010 to 8/24/2010 and state that to the best |
| my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner |
| 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 employed |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with |
| this inspection. |
| Commissions NC# 1580 |
| Inspector's Signature National Board, State, Province, and Endorsements |
| Date: 8/24/2010 |
| |
| |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | Date: | 8/24/2010 | | | | | | | |
|----|--|---|--|--|--|--|--|--|--|--|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet:1 | of2 | | | | | | | |
| 2. | Plant <u>H.B.ROBINSON</u> Name | Unit: | 2 | | | | | | | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | ESR#:63452 WR/WO:1643443 Repair Organizatio | EE:N/A CR:N/A on PO No;Job No;etc. | | | | | | | |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address | Type Code Symbol Stan Authorization No.: Expiration Date: | N/A | | | | | | | |
| 4. | Identification of System: Class:2 | RESIDUAL HEAT REMO | VAL SYSTEM 2045 | | | | | | | |
| 5. | (a) Applicable Construction Code: <u>B 31.1</u> Edition: <u>1967</u> Design Specification: | | Code Case <u>:N/A</u> | | | | | | | |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N/A</u> | | | | | | | | | |

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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Valve Disc | Crane | N/A | N/A | RHR-759A | 1971 | Removed | N |
| Valve Disc | Crane | D6189 | N/A | RHR-759A | 2010 | Installed | N |
| Valve Disc | Maintenance | D6189 | N/A | RHR-759A | 2010 | Corrected | N |
| | - | | | | | | |
| | | | | | | | |
| · · | | | | | | | |

7. Description of Work: <u>Replace disc with new disc and weld build-up disc guide ears</u>

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

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

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Applicable Manufacturers Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Owner or Owner's Designee, Title CERTIFICATE 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 on the Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period |
|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp |
| Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Journal ISI ENGINEER Date 8/24/2010 Owner or Owner's Designee, Title Date 8/24/2010 N/A CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by the HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of and employed by the enspected the components described in this Owner's Report during the period 4/21/2008 to 8/24/2010 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 |
| Certificate of Authorization No |
| Signed |
| Owner or Owner's Designee, Title CERTIFICATE 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 and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/2008 to 8/24/2010 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 |
| CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/21/2008</u> to <u>8/24/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/21/2008</u> to <u>8/24/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/21/2008</u> to <u>8/24/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/21/2008</u> to <u>8/24/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 |
| AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/21/2008</u> to <u>8/24/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 |
| Report during the period 4/21/2008 to 8/24/2010 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with |
| |
| |
| |
| |
| Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements |
| |
| Date: 8/24/2010 |
| |
| |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | _ | | | <u>, , , , , , , , , , , , , , , , , , , </u> | | | x | | |
|--------------------|---------------|--|----------------------------|---|---|---------------------------|---|---|--|
| 1. | Owner | er <u>CAROLINA POWER & LIGHT COMPANY</u> Name | | | | | 8/26/2010 | | |
| | <u>411 FA</u> | YETTEVILLE ST., F Address | | 02 | Sheet:_ | 1 | of | 23 | |
| | | Address | | | | | | 91 8/20/10 | |
| 2. | Plant _ | H.B.ROBINSO Name | N | | Unit: | | 2 | | |
| | | | | | | | EE:N/ | | |
| | <u>3581 M</u> | /EST Entrance RD; Address | <u>HARTSVILLE, SC</u> | 29550 | | | CR:N | | |
| | | Address | | | · · · | Repair Organiza | ation PO No;Job I | NO,elC. | |
| 3. | Work F | erformed by CARO | INA POWER & L | IGHT COMP | ANY Type C | ode Symbol St | amp: <u>N/</u> | | |
| · . | | | Name | 00 00550 | Authori | zation No.: | N/ | <u>A</u> | |
| • | <u>3581 M</u> | <u>/EST ENTRANCE F</u> Address | D; HAR ISVILLE. | <u>SC 29550</u> | Expirati | on Date: | | A | |
| 4. | Identifie | cation of System: | Clas | ss:3 | SERVIC | E WATER SYS | STEM | 4060 | |
| 5 <i>.</i> 6. | (b) Ap | oplicable Construction of S Cation of Componen | ection XI Used fo | Design Sp r Repair/Repla | ecification: <u>HBR</u> acement Activity: <u>1</u> | 995 Edition 19 Code Ca | | <u>A</u> | |
| Name of Compone | nt | Name of Manufacturer | Manufaçturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | |
| Support | L | Maintenance | N/A | N/A | SS-3114 | 2010 | Corrected | N | |
| Support | t . | Maintenance | N/A | N/A | SS-3115 | 2010 | Corrected | N | |
| Support | t | Maintenance | N/A | N/A | SS-3116 | 2010 | Corrected | N | |
| Support | t i | Maintenance | N/A | N/A | SS-3117 | 2010 | Corrected | N | |
| Support | t | Maintenance | N/A | N/A | SS-3118 | 2010 | Corrected | N | |
| Support | t | Maintenance | N/A | N/A | SS-3119 | 2010 | Corrected | N | |

7. Description of Work: Modify and/or adjust supports

8.

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

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

1995 Edition 1996 Addenda

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APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | Owner CAROLINA POWER & LIGHT COMPANY | | | | | | 8/26/2010 | 5/2010 | |
|---------------------------|--------------------------------------|--|--|---|---|--|---|---------------------------------|--|
| | | ·. | Name | 5410. | Date:8/26/2010 | | | | |
| | <u>411 FA</u> | YETTEVILLE ST. | RALEIGH, NC 276 | 602 | Sheet | . <u> </u> | of /36/10 | 13 | |
| | Diat | | | | | | | | |
| <i>i</i> , | Plant | H.B.ROBINSO Name | | <u> </u> | Unit:_ | ······ | 2 | | |
| | 3581 W | /EST Entrance RD | HARTSVILLE, SC | 29550 | | :72482 VO:1600748 24 | EE:N/A CR:N/A | | |
| | | Address | | | | Repair Organiza | ation PO No; Job No; | etc. | |
| | Work P | erformed by CAR(| DLINA POWER & L | IGHT COMP. | | Code Symbol St | amp: <u>N/A</u> | | |
| • | <u>3581 W</u> | EST ENTRANCE | Name RD; HARTSVILLE, | SC 29550 | Autho | rization No.: | N/A | | |
| | · · | Address | 5 | | | | | | |
| | Identific | ation of System: | Clas | ss:3 | SERVI | CE WATER SYS | STEM | 4060 | |
| | | | • | | 1099 | denda <u>:N/A</u> | Code Case:N/A | | |
| | (a) A | pplicable Construc | tion Code: D1.1 | Edition <u>:</u> Design Sp | ecification: HB | R2-S-001 | Code Case <u>. N/A</u> | | |
| | | | ction Code: <u>D1.1</u> Section XI Used fo | Design Sp | ecification: HB | R2-S-001 | | | |
| | | | | Design Sp | ecification: HB | R2-S-001 | 96 Addenda | | |
| | (b) Ap | plicable Edition of | | Design Sp r Repair/Repl | ecification: <u>HB</u> acement Activity: | <u>R2-S-001</u> <u>1995 Edition 19</u> Code Ca | 96 Addenda | | |
| ne of | (b) Ap Identific | plicable Edition of cation of Compone | Section XI Used fo | Design Sr r Repair/Repl placed and R | ecification: <u>HB</u> acement Activity: eplacement Com Other | R2-S-001 1995 Edition 19 Code Ca ponents Year | 96 Addenda se: <u>N/A</u> Repaired, | ASME | |
| me of | (b) Ap Identific | plicable Edition of | Section XI Used fo | Design Sp r Repair/Repl placed and R | ecification: <u>HB</u> acement Activity: eplacement Com | <u>R2-S-001</u> <u>1995 Edition 19</u> Code Ca ponents | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or | Code Stamp | |
| ne of | (b) Ap Identific | plicable Edition of cation of Compone | Section XI Used fo | Design Sr r Repair/Repl placed and R | ecification: <u>HB</u> acement Activity: eplacement Com Other | R2-S-001 1995 Edition 19 Code Ca ponents Year | 96 Addenda se: <u>N/A</u> Repaired, Replaced, | Code | |
| ne of npone | (b) Ap <u>Identific</u> nt | plicable Edition of cation of Compone | Section XI Used fo | Design Sr r Repair/Repl placed and R | ecification: <u>HB</u> acement Activity: eplacement Com Other | R2-S-001 1995 Edition 19 Code Ca ponents Year | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or | Code Stamp (Yes or | |
| ne of nponer | (b) Ap Identific | plicable Edition of cation of Compone Name of Manufacturer | Section XI Used fo nts Repaired or Re Manufacturer Serial No. | Design Sp r Repair/Repl placed and R National Board No. | ecification: <u>HB</u> acement Activity: eplacement Com Other Identification | R2-S-001 <u>1995 Edition 19</u> Code Ca ponents Year Built | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or Replacement | Code Stamp (Yes or No) | |
| ne of nponer | (b) Ap Identific | plicable Edition of cation of Compone Name of Manufacturer Maintenance | Section XI Used fo | Design Sp r Repair/Repl placed and R National Board No. | ecification: <u>HB</u> acement Activity: eplacement Com Other Identification SS-3120 | R2-S-001 1995 Edition 19 Code Ca ponents Year Built 2010 | 96 Addenda ise: <u>N/A</u> Repaired, Replaced, or Replacement Corrected | Code Stamp (Yes or No) | |
| ne of nponer | (b) Ap Identific | plicable Edition of cation of Compone Name of Manufacturer Maintenance | Section XI Used fo | Design Sp r Repair/Repl placed and R National Board No. | ecification: <u>HB</u> acement Activity: eplacement Com Other Identification SS-3120 | R2-S-001 1995 Edition 19 Code Ca ponents Year Built 2010 | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or Replacement Corrected Corrected | Code Stamp (Yes or No) | |
| nponer | (b) Ap Identific | plicable Edition of cation of Compone Name of Manufacturer Maintenance | Section XI Used fo | Design Sp r Repair/Repl placed and R National Board No. | ecification: <u>HB</u> acement Activity: eplacement Com Other Identification SS-3120 | R2-S-001 1995 Edition 19 Code Ca ponents Year Built 2010 | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or Replacement Corrected Corrected | Code Stamp (Yes or No) | |
| ne of nponer | (b) Ap Identific | plicable Edition of cation of Compone Name of Manufacturer Maintenance | Section XI Used fo | Design Sp r Repair/Repl placed and R National Board No. | ecification: <u>HB</u> acement Activity: eplacement Com Other Identification SS-3120 | R2-S-001 1995 Edition 19 Code Ca ponents Year Built 2010 | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or Replacement Corrected Corrected | Code Stamp (Yes or No) | |
| me of mponer upport | (b) Ap Identific | plicable Edition of cation of Compone Name of Manufacturer Maintenance | Section XI Used fo | Design Sp r Repair/Repl placed and R National Board No. | ecification: <u>HB</u> acement Activity: eplacement Com Other Identification SS-3120 | R2-S-001 1995 Edition 19 Code Ca ponents Year Built 2010 | 96 Addenda se: <u>N/A</u> Repaired, Replaced, or Replacement Corrected Corrected | Code Stamp (Yes or No) | |

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

FORM NIS-2 (Back)

| Remarks: See WO 1600748-24 turnover package | Rapilio |
|--|--|
| Applicable Manufacturers Data Reports to be attached | 8/20/14 |
| CERTIFICATE OF COMPLIANCE | e station and statements a |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Sec | ction XI. |
| Type Code Symbol Stamp N/A | |
| Certificate of Authorization NoN/A | |
| Signed Date Jate Bi | 26/2010 , |
| Owner or Owner's Designee, Title | • |
| CERTIFICATE OF INSERVICE INSPECTION | |
| | · · · |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspec | tors and the |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER IN | SPECTION |
| AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in | |
| Report during the period 3/18/2010 to 8/26/2010 and state that to | |
| 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, co | ncerning the |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor I | • • |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or col | · · · |
| this inspection. | |
| | |
| Commissions NC# 1580 | - |
| Inspector's Signature National Board, State, Province, and Endorseme | nts |
| Date: 8/26/2010 | |
| | |
| | |

10-062

3 3 Sheet <u>2</u> of <u>2.</u>

Piping

Piping

Ebasco

Maintenance

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | | Date: | | 8/11/2010 | | |
|--------------------|---------------|------------------------------|----------------------------|--------------------------------|----------------------|-----------------------------|---------------------------|---|---|--|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 2760 | 02 | | Sheet: | 1 | of? | 2 | |
| 2. | Plant_ | H.B.ROBINSOI Name | <u>N</u> | | | Unit: | | 2 | | |
| | | | | | | ESR#:7248 | 32 | EE:N/A | | |
| | 3581 V | VEST Entrance RD; | HARTSVILLE, SC | 29550 | | WR/WO:16 | | CR:N/A | | |
| | | Address | | | | | | ion PO No: Job No: | etc. | |
| | | | | | | | - - | | | |
| 3. | Work F | Performed by CARO | INA POWER & L | IGHT COMPA | NY | Type Code Symbol Stamp: N/A | | | | |
| | | , | Name | | , . , . | Authorization No.: N/A | | | | |
| | 3581 V | VEST ENTRANCE R | D: HARTSVILLE. | SC 29550 | | Expiration Date: N/A | | | | |
| · | | Address | | | | | · · · · · · · | | | |
| | | | | | | | | | | |
| 4. | Identifi | cation of System: | Clas | s:3 | S | SERVICE W | ATER SYS | TEM | 4060 | |
| | | · — | | | | | | | | |
| 5. | (a) A | Applicable Constructi | on Code <u>: B31.1</u> | Edition <u>:</u> Design Spe | | Addenda <u>CPL-HB</u> | 1 <u>:N/A</u> R2-M-048 | Code Case <u>: N/A</u> | | |
| | | | | D. 100 1 | | | | . | | |
| | (b) Ar | oplicable Edition of S | ection XI Used for | Repair/Repla | cement Ad | ctivity: <u>1995</u> | | | | |
| | | | | | | | Code Cas | e: <u>N-416-3</u> | | |
| 6. | Identifi | cation of Component | s Repaired or Rep | blaced and Re | placement | Componer | nts | | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificat | ion | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | |
| | | | | | | | | | | |

N/A

N/A

2-CW-102

2-CW-102

1971

2010

Removed

Installed

7. Description of Work: Replace Pipe and associated fittings including valves

....

N/A

N/A

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

10-061

N

N

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1600914 turnover packa</u> App | ge licable Manufacturers Data Report | ts to be attached | |
|--|---|--|-------------------------|
| | | | |
| | CERTIFICATE OF COMPLIANC | | |
| I certify that the statements made in the repo | rt are correct and this conforms to th | e requirements of the ASME | Code, Section XI. |
| Type Code Symbol Stamp | N/A | <u></u> | |
| Certificate of Authorization No. | N/A | · · · · · · · · · · · · · · · · · · · | |
| Signed Clath Sand | ISI ENGINEE | RDate | 8/11/2010 |
| | Owner or Owner's Designee | | |
| CE | RTIFICATE OF INSERVICE INSP | PECTION | |
| I, the undersigned, holding a valid commis | sion issued by the National Board | of Boiler and Pressure Ves | sel Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by TH | E HARTFORD STEAM B | OILER INSPECTION |
| AND INSURANCE COMPANY of HART | FORD, CONNECTICUT have insp | ected the components des | cribed in this Owner's |
| Report during the period 3/18/2010 | to 8/11/2010 |)and sta | ite that to the best of |
| my knowledge and belief, the Owner has | performed examinations and take | n corrective measures des | cribed in this Owner's |
| Report in accordance with the requirement | | | |
| | | | |
| By signing this certificate neither the Insp | pector or his employer makes any | warranty expressed or in | nnlied, concerning the |
| examinations and corrective measures des | · · · · · | | · · · · · |
| | | | |
| shall be liable in any manner for any perso | onal injury or property damage or | a loss of any kind ansing f | rom or connected with |
| this inspection. | | | |
| Stu | Commiss | NO# 1590 | |
| Inspector's Signature | Commiss National E | sions <u>NC# 1580</u> Board, State, Province, and E | Endorsements |
| \sim | | | |
| Date: 8/11/2010 | | | |
| - | · . | | |
| | · · · · · | | |

1995 Edition 1996 Addenda

Piping

Piping

8.

Ebasco

Maintenance

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Öwner | CAROLINA PO | WER & LIGHT Co Name | Date: | <u></u> | 8/11/2010 | | | | |
|--------------------|---------------|---|----------------------------|-----------------------|--|---|---|---|--|--|
| | <u>411 FA</u> | YETTEVILLE ST., F Address | ALEIGH, NC 276 | 02 | Sheet: | 1 | of | 2 | | |
| 2. | Plant_ | H.B.ROBINSOI Name | N | | Unit: | | 2 | | | |
| | | | | • | ESR#:724 | 82 | EE:N/A | | | |
| | <u>3581 V</u> | VEST Entrance RD; | HARTSVILLE, SC | 29550 | WR/WO:1 | 600913 | CR:N/A | | | |
| | | Address | | | Re | pair Organiza | tion PO No; Job No | ;etc. | | |
| 3. | | Performed by <u>CAROI</u> VEST ENTRANCE R Address | Name | | Authorizat | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | | |
| 4. | Identifi | cation of System: | Clas | s:3 | SERVICE | NATER SYS | TEM | 4060 | | |
| 5. | (a) A | Applicable Constructi | on Code <u>: B31.1</u> | | 1967 Addend cification: <u>CPL-HE</u> | a <u>:N/A</u> 3R2-M-048 | Code Case <u>: N/A</u> | | | |
| · . | (b) Ap | oplicable Edition of S | ection XI Used for | r Repair/Repla | cement Activity: <u>199</u> | | 96 Addenda se: <u>N-416-3</u> | | | |
| 6 | Identifi | cation of Component | s Repaired or Rep | placed and Re | placement Compone | ents | | | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | | |

N/A

N/A

.

2-CW-103

2-CW-103

1971

2010

Removed

Installed

7. Description of Work: Replace Pipe and associated fittings including valves

N/A

N/A

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

10-060

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FORM NIS-2 (Back)

Sheet 2 of 2.

| | CERTIFICATE OF COMPLIANCE | | |
|---|---|--|--------------------|
| certify that the statements made in the report | are correct and this conforms to the requirer | nents of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | | | |
| Certificate of Authorization No. | N/A | | |
| signed Doeld Sanch | · | Date | 8/11/2010 |
| | Owner or Owner's Designee, Title | <u> </u> | |
| CED | TIFICATE OF INSERVICE INSPECTION | <u> </u> | · · · |
| | | | |
| | | | 1 (|
| , the undersigned, holding a valid commission | · · · · · | | |
| State or Province of <u>North Carolina</u> | | | |
| AND INSURANCE COMPANY of HARTE | | | |
| | to8/11/2010 | · . | |
| my knowledge and belief, the Owner has pe | erformed examinations and taken correct | ve measures descr | ibed in this Owne |
| Report in accordance with the requirements | of the ASME Code, Section XI. | | |
| | · · · · · | | |
| | 4 (A) | | |
| By signing this certificate neither the Inspec | ctor or his employer makes any warranty | , expressed or imp | lied, concerning t |
| By signing this certificate neither the Inspect examinations and corrective measures desc | | | • |
| | ribed in this Owner's Report. Furthermore | , neither the Inspec | tor nor his employ |
| examinations and corrective measures desc | ribed in this Owner's Report. Furthermore | , neither the Inspec | tor nor his employ |
| examinations and corrective measures desc shall be liable in any manner for any person | ribed in this Owner's Report. Furthermore al injury or property damage or a loss of | e, neither the Inspec any kind arising from | tor nor his employ |
| examinations and corrective measures desc shall be liable in any manner for any person | ribed in this Owner's Report. Furthermore al injury or property damage or a loss of Commissions | , neither the Inspec | tor nor his employ |
| examinations and corrective measures desc shall be liable in any manner for any person this inspection. | ribed in this Owner's Report. Furthermore al injury or property damage or a loss of Commissions | e, neither the Inspec any kind arising from NC# 1580 | tor nor his employ |
| examinations and corrective measures desc shall be liable in any manner for any person this inspection. | ribed in this Owner's Report. Furthermore al injury or property damage or a loss of Commissions | e, neither the Inspec any kind arising from NC# 1580 | tor nor his employ |

Piping

Piping

Globe Valve

Globe Valve

Ebasco

Maintenance

Crane Valve

Velan Vave

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | | | * | | | | | | |
|---------------------|--|------------------------------|----------------------------|-----------------------|--------------------------|------------------------------|-------------------------|---|---|
| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | | | | | Date: | | 8/4/2010 | |
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | | Sheet: | <u>. 1 ·</u> | of | 2 |
| 2. | Plant_ | H.B.ROBINSOI Name | N | | | Unit: | | 2 | <u> </u> |
| | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | ESR#:7248 WR/WO:16 Rep | 600846 | EE:N/A CR:N/A ion PO No;Job No; | etc. |
| 3. | Work F | Performed by CARO | LINA POWER & L Name | IGHT COMPA | NY | Type Code Authorizati | Symbol Sta | mp: <u>N/A</u> N/A | · |
| • | <u>3581 V</u> | VEST ENTRANCE R Address | D; HARTSVILLE, | <u>SC 29550</u> | | Expiration | Date: | N/A | <u>`</u> |
| 4. | Identifi | cation of System: | Clas | <u>s:3</u> | | | ATER SYS | ГЕМ | 4060 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B31.1</u> | 1967 cification: | Addenda <u>CPL-HB</u> | <u>::N/A</u> R2-M-048 | Code Case <u>:N/A</u> | | |
| | (b) Ar | pplicable Edition of S | ection XI Used for | Repair/Repla | cement A | ctivity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identifi | cation of Component | ts Repaired or Rep | blaced and Re | placemen | t Componer | nts | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | tion | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |

N/A

N/A

N/A

N/A

4-CW-268

4-CW-268

SW-87

SW-87

1971

2010

1971

2010

Removed

Installed

Removed

Installed

7. Description of Work: Replace Pipe and associated fittings including valves

N/A

N/A

140473-1-2

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

Other [VT-2] Pressure[NOP] psig Test Temp [NOT] °F

10-059

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FORM NIS-2 (Back)

Sheet 2 of 2.

| · · · · | CERTIFICATE OF COMPLIANCE | | |
|--|--|-------------------------------------|--------------------|
| certify that the statements made in the report a | are correct and this conforms to the require | ements of the ASME Co | ode, Section XI. |
| ype Code Symbol Stamp | N/A | | · |
| Certificate of Authorization No | N/A | | |
| igned black Sanch | | Date | 8/4/2010 |
| | Owner or Owner's Designee, Title | | |
| CERT | TIFICATE OF INSERVICE INSPECTIO | N | |
| | | | |
| , the undersigned, holding a valid commission | n issued by the National Board of Boiler | and Pressure Vesse | I Inspectors and t |
| State or Province of <u>North Carolina</u> | and employed by THE HAR | IFORD STEAM BOI | LER INSPECTIO |
| AND INSURANCE COMPANY of HARTFO | ORD, CONNECTICUT have inspected th | e components descri | bed in this Owne |
| Report during the period 3/18/2010 | to <u>8/4/2010</u> | and state that to | the best of i |
| nowledge and belief, the Owner has perfo | ormed examinations and taken correct | ive measures describ | ed in this Owne |
| Report in accordance with the requirements o | of the ASME Code, Section XI. | · . | |
| · · · | | | |
| By signing this certificate neither the Inspec | tor or his employer makes any warran | ty, expressed or impl | lied, concerning t |
| xaminations and corrective measures descri | ibed in this Owner's Report. Furthermore | re, neither the Inspect | or nor his employ |
| hall be liable in any manner for any persona | al injury or property damage or a loss o | f any kind arising fron | n or connected w |
| his inspection. | | | |
| | | | |
| Inspector's Signature | Commissions National Board, St | NC# 1580 tate, Province, and End | lorsements |
| | | | |
| Date: 8/4/2010 | | | |
| · · · · | | | |
| | | | <u></u> |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CC Name | MPANY | | Date: | | 8/3/2010 | |
|---------------------|---|------------------------------|----------------------------|--------------------------------|---------------------|--|-------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 2760 |)2 | | Sheet: | 1 | of 2 | |
| 2. | Plant _ | H.B.ROBINSON Name | 1 | · | | Unit: | | 2 | |
| | | , turito | | | | ESR#:N/A | | EE:N/A | |
| | 3581 W | /EST Entrance RD; I | HARTSVILLE, SC | 29550 | | | 46791 05 | | |
| | | Address | | | | | | ion PO No;Job No;e | etc. |
| 3. | Work F | Performed by CAROL | | GHT COMPA | NY | Type Code | Symbol Sta | mp:N/A | |
| 0. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name | | | | | Authorizatio | on No . | N/A | |
| | 3581 V | EST ENTRANCE R | | SC 29550 | | Authorization No.: N/A Expiration Date: N/A | | | |
| : | • • | Address | | | | • | | | |
| 4. | Identifi | cation of System: | Clas | s:3 | ; | CHEMICAL | AND VOLUN | ME CONTROL SY | STEM2060 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B 31.1</u> | Edition <u>:</u> Design Spe | 1967 cification | Addenda <u>E 67628</u> | | Code Case <u>:N/A</u> | |
| | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repla | cement A | Activity: <u>1995</u> | Edition 199 Code Cas | | · · |
| 6. | Identifi | cation of Component | s Repaired or Rep | laced and Re | placemer | nt Componer | nts | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | ation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Bonnet | · · | Grinnel | N/A | N/A | CVC-3 | 40 | 1971 | Removed | N ** |

| 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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Bonnet | Grinnel | N/A | N/A | CVC-340 | 1971 | Removed | N |
| Bonnet | ITT Industrial | 821840-001- 002 | N/A | CVC-340 | 2010 | Installed | N |
| | | · | | | | | |
| | <u></u> | | | | | | |
| | | | | | | | |
| | | | | | | | |

Description of Work: Replace bonnet assembly 7.

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| certify that the statements made in the report are correct a Type Code Symbol Stamp Certificate of Authorization No. Signed Cath Sand | CATE OF COMPLIANCE and this conforms to the requireme N/A N/A ISI ENGINEER er or Owner's Designee, Title OF INSERVICE INSPECTION | ents of the ASME Co | ode, Section XI. |
|---|--|---------------------------------------|----------------------|
| Type Code Symbol Stamp Certificate of Authorization No Signed Owner CERTIFICATE | N/A N/A ISI ENGINEER er or Owner's Designee, Title | · · · · · · · · · · · · · · · · · · · | |
| Certificate of Authorization No SignedOwne CERTIFICATE | N/A ISI ENGINEER er or Owner's Designee, Title | Date | 8/3/2010 |
| Signed <u>Jabh Sandu</u> Owne CERTIFICATE | ISI ENGINEER er or Owner's Designee, Title | Date | 8/3/2010 |
| Owne | er or Owner's Designee, Title | Date | 8/3/2010 |
| CERTIFICATE | | | |
| | OF INSERVICE INSPECTION | | |
| | | | |
| the undersigned, holding a valid commission issued b | | | |
| | v the National Board of Boiler a | nd Pressure Vessel | I Inspectors and th |
| state or Province of <u>North Carolina</u> ar | · | | - |
| AND INSURANCE COMPANY_of | | | |
| Report during the period 5/18/2010 | | and state that to | |
| mowledge and belief, the Owner has performed example | | | |
| Report in accordance with the requirements of the ASM | , | | |
| | | | |
| By signing this certificate neither the Inspector or his | employer makes any warranty | expressed or impl | lied concerning th |
| examinations and corrective measures described in this | | | |
| shall be liable in any manner for any personal injury or | | | |
| | property damage of a loss of a | ny kina analing iron | in or connected with |
| his inspection. | · | | |
| Ret Wy | | C# 1580 | |
| Inspector's Signature | National Board, State | e, Province, and End | lorsements |
| Date: 8/3/2010 | | | |
| | | | |
| | ····· | | |
| | | | |
| | | | 10-058 |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PC | WER & LIGHT C | OMPANY | Date:_ | · · · · · · · · · · · · · · · · · · · | 8/4/2010 | |
|---------|---------------|-------------------------------------|---------------------|-------------------|--|---------------------------------------|---------------------------------------|---------------|
| | | · | | | x | • | | |
| | <u>411 FA</u> | <u>YETTEVILLE ST., F</u> Address | RALEIGH, NC 270 | 502 | Sheet: | 1 | of | 2 |
| | | | | | | | | |
| 2. | Plant_ | H.B.ROBINSO Name | N | | Unit: | · · · · · · · · · · · · · · · · · · · | 2 | |
| | | | | | ESR#: | 72482 | EE:N/A | |
| | <u>3581 V</u> | /EST Entrance RD; | HARTSVILLE, SO | C_29550 | | 0:1600844 | | |
| | | Address | | | | Repair Organiza | ation PO No;Job No | ;etc. |
| 3. | Work F | Performed by CARO | | | ode Symbol St | amp: <u>N/A</u> | | |
| 2594 | | | Name | 0000000 | Authori | zation No.: | | |
| | <u>3581 V</u> | VEST ENTRANCE F Address | U: HARISVILLE | <u>, SC 29550</u> | Expirat | ion Date: | N/A | |
| | | | | | · . | | | |
| 4. | Identifi | cation of System: | Cla | <u>ss:3</u> | SERVIC | E WATER SYS | STEM | 4060 |
| 5. | (a) A | pplicable Construct | ion Code: B31.1 | Edition: | 1967 Adde | enda:N/A | Code Case:N/A | |
| | • • | | | | ecification: CPL | | | |
| | (ĥ) Δr | plicable Edition of S | Section XI Used for | or Renair/Renl: | acement Activity: 1 | 995 Edition 19 | 96 Addenda | |
| | (0) /4 | | | | acciment rotarity. | Code Ca | | |
| • | | | | | | | | |
| 6. | Identiti | cation of Componen | ts Repaired of Re | | eplacement Comp | onents | T | <u>- Т</u> |
| Name of | | Name of | Manufacturer | National | Other | Year | Repaired, | ASME |
| Compone | int . | Manufacturer | Serial No. | Board No. | Identification | Built | Replaced, or | Code Stamp |
| | | | | | | | Replacement | (Yes or |
| | | | | | | | | No) |
| Piping | _i <i></i> | Ebasco | N/A | N/A | 4-CW-269 | 1971 | Removed | N |
| Tiping | | Ebasco | | | | | | |
| Piping | | Maintenance | N/A | N/A | 4-CW-269 | 2010 | Installed | N |
| Globe V | /alve | Crane Valve | N/A | N/A | SW-91 | 1971 | Removed | N |
| Globe V | /alve | Velan Valve | 140473-1-3 | N/A | SW-91 | 2010 | Installed | N |
| | | <u> </u> | | | •••••••••••••••••••••••••••••••••••••• | | · · · · · · · · · · · · · · · · · · · | |
| | | | | | | | - <u> </u> | |
| | | | | | | | | |

7. Description of Work: <u>Replace Pipe and associated fittings including valves</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1600844 turnover package Applicab | e Manufacturers Data Reports to be a | attached | |
|--|--|------------------------------------|----------------------|
| (| CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are | correct and this conforms to the require | ments of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | | | |
| Signed _ Clath Sanda | ISI ENGINEER | Date | 8/4/2010 |
| · · · · · · · · · · · · · · · · · · · | Owner or Owner's Designee, Title | | |
| CERTI | FICATE OF INSERVICE INSPECTION | N | |
| | | | |
| I, the undersigned, holding a valid commission i | issued by the National Board of Boiler | and Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BO | ILER INSPECTION |
| AND INSURANCE COMPANY of HARTFOR | D, CONNECTICUT have inspected th | e components descri | ibed in this Owner's |
| Report during the period 3/18/2010 | to <u>8/4/2010</u> | _and state that to | the best of my |
| knowledge and belief, the Owner has perform | ned examinations and taken correcti | ve measures describ | oed in this Owner's |
| Report in accordance with the requirements of t | the ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector | r or his employer makes any warran | ty, expressed or imp | lied, concerning the |
| examinations and corrective measures describe | ed in this Owner's Report. Furthermor | e, neither the Inspec | tor nor his employer |
| shall be liable in any manner for any personal | injury or property damage or a loss o | f any kind arising fror | m or connected with |
| this inspection. | | | |
| P+42 07 | | 10// 4500 | |
| Inspector's Signature | Commissions National Board, St | NC# 1580 ate, Province, and End | dorsements |
| Date: 8/4/2010_ | | | |
| | | , | |
| • | | | |
| | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | <u>DWER & LIGHT C</u> Name | OMPANY | | Date: | | 8/3/2010 | |
|--------------------------------|--|---|---|---|--|------------------------------|---|---|---|
| : | <u>411 FA</u> | YETTEVILLE ST., I Address | RALEIGH, NC 276 | 502 | | Sheet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSC Name | N | ····· | | Unit: | | 22 | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | | ESR#:72482 EE:N/A WR/WO:1600841 CR:N/A Repair Organization PO No:Job No:etc. | | | | |
| 3. | | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address | | | | Authoriza | e Symbol Sta tion No.: n Date: | mp: <u>N/A</u> N/A N/A | |
| 4. | Identifie | cation of System: | Cla | ss:3 | • | SERVICE | WATER SYS | TEM | 4060 |
| 5. | (a) A | Applicable Construct | tion Code <u>: _B31,1</u> | | <u>1967</u> ecificatio | Addeno n: <u>CPL-H</u> | | Code Case <u>: N/A</u> | · |
| | (b) Ar | onlicable Edition of s | Section XI Used for | or Renair/Rénl | acement | Activity: 190 | 5 Edition 199 | 6 Addenda | |
| 6 | | oplicable Edition of s cation of Componer | | | | | Code Cas | | |
| Name of | Identific | | | | | ent Compon | Code Cas | | ASME Code Stamp (Yes or No) |
| Name of | Identific | cation of Componer | nts Repaired or Re Manufacturer | placed and Ri | eplaceme Other | ent Compon | Code Cas ents Year | Repaired, Replaced, or | Code Stamp (Yes or |
| Name of Compone | Identific | cation of Componer Name of Manufacturer | nts Repaired or Re Manufacturer Serial No. | placed and Ri National Board No. | eplaceme Other Identific | ent Compon cation -159 | Code Cas ents Year Built | Repaired, Replaced, or Replacement Removed Installed | Code Stamp (Yes or No) |
| Name of Component Piping | Identific | cation of Componer Name of Manufacturer Ebasco | nts Repaired or Re Manufacturer Serial No. N/A | placed and Ri National Board No. N/A | eplaceme Other Identific 6-CW | ent Compon cation -159 | Code Cas ents Year Built 1971 2010 | Repaired, Replaced, or Replacement Removed | Code Stamp (Yes or No) |
| Name of Component Piping | Identific | cation of Componer Name of Manufacturer Ebasco | nts Repaired or Re Manufacturer Serial No. N/A | placed and Ri National Board No. N/A | eplaceme Other Identific 6-CW | ent Compon cation -159 | Code Cas ents Year Built 1971 | Repaired, Replaced, or Replacement Removed Installed | Code Stamp (Yes or No) |
| | Identific | cation of Componer Name of Manufacturer Ebasco | nts Repaired or Re Manufacturer Serial No. N/A | placed and Ri National Board No. N/A | eplaceme Other Identific 6-CW | ent Compon cation -159 | Code Cas ents Year Built 1971 2010 | Repaired, Replaced, or Replacement Removed Installed | Code Stamp (Yes or No) |

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

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FORM NIS-2 (Back)

Sheet 2 of 2.

| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp | | CERTIFICATE OF COMPLIANCE | |
|--|--|---|--|
| Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed John Summer or Owner's Designee, Title Determine 0/2/2010 Owner or Owner's Designee, Title 0/2/2010 CERTIFICATE 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 North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of _HARTFORD, CONNECTICUT have inspected the components described in this Owner Report during the period | I certify that the statements made in the report | t are correct and this conforms to the requirer | ments of the ASME Code, Section XI. |
| Certificate of Authorization No. N/A Signed Jott Stand ISI ENGINEER Date 8/3/2010 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner Report during the period 3/18/2010 to 8/3/2010 and belief, the Owner has performed examinations and taken corrective measures described in this Owner Report during 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 employed hand arising from or connected withis inspection. With sinspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | | | ······································ |
| Signed John Joan ISI ENGINEER Date 8/3/2010 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION Ite undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HE HARTFORD_STEAM_BOILER_INSPECTION AND INSURANCE COMPANY of And employed by HE HARTFORD_STEAM_BOILER_INSPECTION AND INSURANCE COMPANY of And employed by is expected the components described in this Owner Report during the period | | ······································ | |
| Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTIO</u> <u>AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th 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 wi this inspection. Commissions NC# 1580 Inspector's Signature Commissions NC# 1580 National Board, State, Province, and Endorsements </u> | | | Date 8/3/2010 |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of microwoledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 wit this inspection. Commissions <u>NC# 1580</u> National Board, State, Province, and Endorsements | | | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of microwoledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 wit this inspection. Commissions <u>NC# 1580</u> National Board, State, Province, and Endorsements | CEI | RTIFICATE OF INSERVICE INSPECTION | <u></u> |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th 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 wi this inspection. <u>NC# 1580</u> National Board, State, Province, and Endorsements | | · · · · · · · · · · · · · · · · · · · | |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th 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 wi this inspection. <u>NC# 1580</u> National Board, State, Province, and Endorsements | I the undersigned, holding a valid commiss | ion issued by the National Board of Boiler | and Pressure Vessel Inspectors and th |
| AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner Report during the period3/18/2010 to8/3/2010 and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th 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 wit this inspection. Commissions | | | |
| Report during the period | | · · · | |
| knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 wit this inspection. | | | |
| 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 wit this inspection. Commissions | • | | |
| 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 wit this inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | Report in accordance with the requirements | s of the ASME Code, Section XI. | |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit this inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | | | |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wi this inspection. Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | By signing this certificate neither the Inspe | ector or his employer makes any warrant | y, expressed or implied, concerning th |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wi this inspection. Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | examinations and corrective measures des | cribed in this Owner's Report. Furthermore | e, neither the Inspector nor his employe |
| Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | | | |
| Inspector's Signature National Board, State, Province, and Endorsements | this inspection. | | |
| Inspector's Signature National Board, State, Province, and Endorsements | | | |
| Date: <u>8/3/2010</u> | Inspector's Signature | | |
| Date: 8/3/2010 | \mathcal{O} | | · · · · · · |
| | Date: 8/3/2010 | | |
| | | | |
| | | | |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | <u>CAROLINA PO</u> | WER & LIGHT C Name | OMPANY | | Date: | | 8/3/2010 | · |
|---------------------|---------------|--|----------------------------|-----------------------------|---------------------|---|--------------------------------|---|---|
| · | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 502 | | Sheet: | <u> 1 </u> | of2 | 2 |
| 2. | Plant_ | H.B.ROBINSON Name | <u> </u> | | | | | 2 | |
| | <u>3581 W</u> | /EST Entrance RD; Address | | 29550 | | | 600768 | EE:N/A CR:N/A ion PO No;Job No; | |
| 3. | | erformed by <u>CAROI</u> / <u>EST ENTRANCE R</u> Address | Name | | ANY | Type Code Authorizati Expiration | Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | |
| 4. | Identifie | cation of System: | Cla | ss:3 | | SERVICE W | ATER SYS | TEM | 4060 |
| 5. 6. | (b) Ap | pplicable Constructi plicable Edition of S cation of Component | ection XI Used fo | Design Sp or Repair/Repl | acement A | n: <u>CPL-HB</u> Activity: <u>1995</u> | Edition 199 Code Cas | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | ation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Piping | | Ebasco | N/A | N/A | 6-CW- | 88 | 1971 | Removed | N |
| Piping | | Maintenance | N/A | N/A | 6-CW- | 88 | 2010 | Installed | N |
| | | · · · · · | | | | | | | |
| | | | | | | · · · · | | | |
| | · · · · | | | | | | | | |
| | | | | | | | · . | | |

7. Description of Work: Replace Pipe and associated fittings including valves

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

.

.

FORM NIS-2 (Back)

| Remarks: See WO 1600768 turnover package Applicabl | le Manufacturers Data Reports to be | attached | |
|---|--|---------------------------------------|----------------------|
| C | CERTIFICATE OF COMPLIANCE | | -1 |
| I certify that the statements made in the report are | correct and this conforms to the require | ements of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | <u></u> |
| Signed . Jobh Sanch | ISI ENGINEER | Date | 8/3/2010 |
| | Owner or Owner's Designee, Title | · · · · · · · · · · · · · · · · · · · | |
| CERTIF | ICATE OF INSERVICE INSPECTIO | N | |
| | | | |
| I, the undersigned, holding a valid commission is | ssued by the National Board of Boile | r and Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HAR | TFORD STEAM BO | ILER INSPECTION |
| AND INSURANCE COMPANY of HARTFORM | D, CONNECTICUT have inspected the | ne components descri | ibed in this Owner's |
| Report during the period <u>3/18/2010</u> | to8/3/2010 | and state that to | the best of my |
| knowledge and belief, the Owner has perform | ned examinations and taken correct | ive measures descrit | bed in this Owner's |
| Report in accordance with the requirements of the | he ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector | r or his employer makes any warrar | nty, expressed or imp | lied, concerning the |
| examinations and corrective measures describe | ed in this Owner's Report. Furthermo | re, neither the Inspec | tor nor his employer |
| shall be liable in any manner for any personal in | njury or property damage or a loss o | of any kind arising from | m or connected with |
| this inspection. | | <i>,</i> · | |
| Stin C. | Commissions | NC# 1580 | |
| Inspector's Signature | | tate, Province, and End | dorsements |
| | | • | |
| Date: 8/3/2010 | | | |
| | | | |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT C Name | OMPANY | ٠ | Date: | · | 8/4/2010 | |
|-------------------------------------|--|--|---------------------------------------|--|--------------------------|--|--|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., F Address | ALEIGH, NC 276 | 02 | | Sheet: | 1 | of 2 | 2 |
| 2. Plant <u>H.B.ROBINSC</u> Name | | | N | | | | | 22 | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | ESR#:72482 EE:N/A /ILLE, SC 29550 WR/WO:1600748 CR:N/A Repair Organization PO No;Job No;etc. Repair Organization PO No;Job No;etc. | | | | | |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address Identification of System: <u>Class:3</u> | | | | | Type Code Authorizati Expiration | Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | |
| 4 | Identific | cation of System: | Clas | s:3 | | SERVICE W | ATER SYS | TEM | 4060 |
| .5. .6 | (b) Ap | oplicable Construction of S cation of Component | ection XI Used for | Design Sp r Repair/Repli | ecification acement A | | <u>R2-M-048</u> Edition 199 Code Cas | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | ition | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Piping | | Ebasco | N/A | N/A | 6-CW-8 | 37 | 1971 | Removed | N |
| Piping | | Maintenance | N/A | N/A | 6-CW-8 | 37 | 2010 | Installed | N |
| Valve | | Crane Valve | N/A | N/A | SW-88 | | 1971 | Corrected | N |
| | | · | | | | | | | |
| | | <u></u> | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | | | |

7. Description of Work: Replace Pipe and associated fittings/valves, includes tack welding bushing to bonnet on valve SW-88.

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: <u>See WO 1600748 turnover packa</u> Ap | nge plicable Manufacturers Data Reports to be at | tached | |
|---|---|----------------------------------|--|
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the repo | ort are correct and this conforms to the requirem | ents of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | | | |
| Certificate of Authorization No. | N/A | | |
| Signed Oath Same | L ISI ENGINEER | Date | 8/4/2010 . |
| | Owner or Owner's Designee, Title | | ······································ |
| C | ERTIFICATE OF INSERVICE INSPECTION | | |
| I, the undersigned, holding a valid commis | ssion issued by the National Board of Boiler a | and Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HARTF | ORD STEAM BO | ILER INSPECTION |
| AND INSURANCE COMPANY of HAR | FORD, CONNECTICUT have inspected the | components descr | ibed in this Owner's |
| Report during the period 3/18/2010 | to <u>8/4/2010</u> | and state that to | the best of my |
| knowledge and belief, the Owner has p | erformed examinations and taken corrective | e measures descri | oed in this Owner's |
| Report in accordance with the requiremen | ts of the ASME Code, Section XI. | : | |
| | | | |
| By signing this certificate neither the Ins | pector or his employer makes any warranty | , expressed or imp | lied, concerning the |
| examinations and corrective measures de | scribed in this Owner's Report. Furthermore | , neither the Inspec | tor nor his employer |
| shall be liable in any manner for any pers | sonal injury or property damage or a loss of | any kind arising from | n or connected with |
| this inspection. | | | |
| | | | |
| Inspector's Signature | | NC# 1580 te, Province, and En | dorsements |
| 0 | | | |
| Date: 8/4/2010 | | | |
| | | | |
| · | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | Owner | Owner CAROLINA POWER & LIGHT COMPANY Name | | | | | 8/3/2010 | |
|---|----------------|--|---------------|-------------------|------------------------|-------------------------------|---------------------------------------|---------------------------------|
| | <u>411 FA</u> | YETTEVILLE ST., Address | | 602 | Sheet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINS | | | Unit: | | 2 | |
| | 3581 W | /EST Entrance RD | HARTSVILLE, S | C 29550 | <u>ESR#:7</u> WR/WC | 2482 D:1600746 | EE:N/A CR:N/A | |
| | | Address | | | F | Repair Organiza | ation PO No; Job No; | |
| 3. | Work P | erformed by CAR | | LIGHT COMP | | ode Symbol St | amp:N/A | |
| | 3591 \ | | | SC 20550 | Authoriz | ation No.: | N/A N/A | |
| | <u>3301 VV</u> | <u>/EST ENTRANCE</u> Addres: | | <u>, 30 29000</u> | Expiration | on Date: | <u>N/A</u> | |
| l. | Identific | cation of System:_ | Cla | iss:3 | SERVICI | E WATER SYS | STEM | 4060 |
| | | pplicable Construc | | Edition: | | nda <u>:N/A</u> HBR2-M-048 | Code Case <u>:N/A</u> | |
|). ame`of | | | · | · · · | eplacement Activity: 1 | Code Ca | | ASME |
| ompone | nt | Manufacturer | Serial No. | Board No. | Identification | Built | Replaced, or Replacement | Code Stamp (Yes of No) |
| Piping | | Ebasco | N/A | N/A | 6-CW-85A | 1971 | Removed | N |
| | | Maintenance | N/A | N/A | 6-CW-85A | 2010 | Installed | N |
| Piping | | | N/A | N/A | SW-85 | 1971 | Removed | N |
| | alve | Crane Valve | | | | | 1 · | 1 |
| Gate Va | | Crane Valve Crane Valve | N/A | N/A | SW-85 | 2010 | Installed | N |
| Gate Va Gate Va | alve | | | | | 2010 1971 | Installed Removed | |
| Piping Gate Va Gate Va Gate Va | alve alve | Crane Valve | N/A | N/A | SW-85 | | · · · · · · · · · · · · · · · · · · · | N |

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp | | | | <u></u> |
|--|--|---|---------------------------------------|--------------------|
| Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Sil ENGINEER Date 8/3/2010 Owner or Owner's Designee, Title Date 8/3/2010 CERTIFICATE 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 and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner Report during the period | | CERTIFICATE OF COMPLIANCE | | |
| Certificate of Authorization No. N/A Signed Jobb Sandb ISI ENGINEER Date 8/3/2010 Owner or Owner's Designee, Title CERTIFICATE 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 and employed by HARTFORD_STEAM_BOILER_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 and employed by HARTFORD_STEAM_BOILER_INSPECTIC AND INSURANCE COMPANY of HARTFORD_CONNECTICUT have inspected the components described in this Owner Report during the period 3/18/2010 to | I certify that the statements made in the repo | ort are correct and this conforms to the re | equirements of the ASME C | ode, Section XI. |
| Signed | Type Code Symbol Stamp | N/A | · · · · · · · · · · · · · · · · · · · | <u>-</u> |
| Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of n knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit this inspection. </u> | Certificate of Authorization No | N/A | | <u> </u> |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected withis inspection. Commissions_NC# 1580_ Inspector's Signal re | Signed John Sanch | | | 8/3/2010 |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of in knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected withis inspection. Commissions <u>NC# 1580</u> <u>Inspector's Signature</u> National Board, State, Province, and Endorsements | | Owner or Owner's Designee, T | itle | |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of in knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit this inspection. Commissions <u>NC# 1580</u> National Board, State, Province, and Endorsements | C | ERTIFICATE OF INSERVICE INSPEC | CTION | |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner Report during the period <u>3/18/2010</u> to <u>8/3/2010</u> and state that to the best of in knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 th examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit this inspection. Commissions <u>NC# 1580</u> National Board, State, Province, and Endorsements | | | | |
| AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner Report during the period3/18/2010 to8/3/2010 and state that to the best of n knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected withis inspection. | I, the undersigned, holding a valid commis | sion issued by the National Board of | Boiler and Pressure Vesse | I inspectors and t |
| Report during the period | State or Province of <u>North Carolina</u> | and employed by THE | HARTFORD STEAM BO | ILER INSPECTIC |
| knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner 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 we this inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | AND INSURANCE COMPANY of HART | FORD, CONNECTICUT have inspect | ed the components descr | ibed in this Owne |
| 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 employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected we this inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | Report during the period 3/18/2010 | to8/3/2010 | and state that to | the best of n |
| 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 employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected withis inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | knowledge and belief, the Owner has p | erformed examinations and taken co | prrective measures descril | ped in this Owne |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected w this inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | Report in accordance with the requiremen | ts of the ASME Code, Section XI. | | |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected withis inspection. Commissions NC# 1580 National Board, State, Province, and Endorsements | | | | |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected w this inspection. Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | By signing this certificate neither the Insp | pector or his employer makes any w | arranty, expressed or imp | lied, concerning t |
| this inspection. Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | examinations and corrective measures de | scribed in this Owner's Report. Furth | ermore, neither the Inspec | tor nor his employ |
| Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | shall be liable in any manner for any pers | onal injury or property damage or a l | oss of any kind arising from | m or connected w |
| Inspector's Signature National Board, State, Province, and Endorsements | this inspection. | | | |
| Inspector's Signature National Board, State, Province, and Endorsements | | | | |
| Date: 8/3/2010 | Inspector's Signature | | | dorsements |
| Date: 8/3/2010 | · · · | | | |
| | Date: 8/3/2010 | | | |
| | | | | |
| | <u></u> | | <u></u> | |
| 10-053 | | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| As Required by the Provisions | of the ASME Code Section XI | |
|-------------------------------|-----------------------------|--|
|-------------------------------|-----------------------------|--|

| I. | Owner CAROLINA POWER & LIGHT COMPANY | | | | Date: | | 8/3/2010 | | |
|----------------|--------------------------------------|---------------------------------------|-------------------------------|---------------------------------|---|---|---|-------------------------------------|--|
| | | | Name | | | | | | |
| | <u>411 FA</u> | YETTEVILLE ST., Address | RALEIGH, NC 27 | 602 | Sheet: | 1_ | of | 2 | |
| | Plant _ | H.B.ROBINS | ON | | Unit: | | 2 | · ····· | |
| | | Name | | | ESR#:72 | 2482 | EE:N/A | | |
| | <u>3581 W</u> | EST Entrance RE Addres | 9 <u>; HARTSVILLE, S</u> s | <u>C 29550</u> | | :1600853 | CR:N/A ation PO No;Job N | <u>،</u> | |
| | Work P | erformed by CAR | OLINA POWER & Name | LIGHT COMP. | | Type Code Symbol Stamp: <u>N/A</u> Authorization No.: <u>N/A</u> | | | |
| | 3581 W | EST ENTRANCE | RD; HARTSVILLE | E. SC 29550 | Expiratio | ation No.: on Date: | <u> </u> | <u> </u> | |
| • | | Addres | | | | | | | |
| ÷ . | Identific | ation of System:_ | Cla | ass:3 | SERVICE | WATER SY | STEM | 406 | |
| | (a) A | pplicable Constru | ction Code <u>: B31.1</u> | L Edition <u>:</u> Design Sp | 1967 Adder ecification: <u>CPL-F</u> | nda <u>:N/A</u> HBR2-M-048 | Code Case <u>: N/A</u> | <u>.</u> . | |
| | | | | | acement Activity: <u>19</u> eplacement Compo | Code Ca | | | |
| me of mpone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stam (Yes No) | |
| iping | | Ebasco | N/A | N/A | 3-CW-158 | 1971 | Removéd | N | |
| iping | | Maintenance | N/A | N/A | 3-CW-158 | 2010 | Installed | N | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | · | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | | | | 1 | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | | |

8.

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

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Sheet 2 of 2.

| Applicable Manufacturers Data Reports to be attached |
|--|
| CERTIFICATE OF COMPLIANCE |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp N/A |
| Certificate of Authorization NoN/A |
| Signed Date Date 8/3/2010 . |
| Owner or Owner's Designee, Title |
| CERTIFICATE 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 North 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 3/18/2010 to 8/3/2010 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. |
| Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements |
| Date: 8/3/2010 |
| 10-052 |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | | | | ` | | | | • | | |
|--------------------|---------------|--|----------------------------|----------------------------|----------------------------|--|------------------------------------|---|---|--|
| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | 1 | Date: | | 8/3/2010 | | |
| | <u>411 FA</u> | YETTEVILLE ST., F Address | ALEIGH, NC 276 | 02 | : | Sheet: | 1 | of; | 2 | |
| 2. | Plant_ | H.B.ROBINSO Name | N | | | | | 2 | | |
| | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | ESR#:72482 EE:N/A WR/WO:1600855 CR:N/A Repair Organization PO No;Job No;etc. | | | | |
| 3. | | Performed by <u>CARO</u> | Name | | | Authorization | No.: | mp: <u>N/A</u> N/A | | |
| ·· . | <u>3581 V</u> | VEST ENTRANCE R Address | D; HARTSVILLE, | <u>SC 29550</u> | I | Expiration Da | ate: | N/A | · · · · · · · · · · · · · · · · · · · | |
| 4. | Identifie | cation of System: | Clas | s:3 | S | ERVICE WA | TER SYS | TEM | 4060_ | |
| 5. | (b) Ap | oplicable Construction of S cation of Component | ection XI Used fo | Design Sp r Repair/Repl | ecification: acement Ac | | 2-M-048 Edition 199 Code Cas | | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificati | on | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | |
| Piping | | Ebasco | N/A | N/A | 3-CW-15 | 54 | 1971 | Removed | N | |
| Piping | · · · | Maintenance | N/A | N/A | 3-CW-15 | 54 | 2010 | Installed | N | |
| | | | | | | | | | | |
| | | | · . | | | | | | | |
| | | | | · · . | | | | | | |
| | | | | | | | | | | |
| | | · · | · · | | | | | · | | |

Ź. Description of Work: Replace Pipe and associated fittings including valves

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

SECTION XI DIVISION 1

1.0000002

)

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1600855 turnover package</u> Appli | e icable Manufacturers Data Reports to be a | ttached | |
|--|--|------------------------------------|----------------------|
| <u></u> | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report | are correct and this conforms to the requirer | nents of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | ····· | · · · |
| Signed lat & Sand | L ISI ENGINEER | Date | 8/3/2010 |
| | Owner or Owner's Designee, Title | | · |
| CEF | RTIFICATE OF INSERVICE INSPECTION | | |
| | | | |
| I, the undersigned, holding a valid commissi | ion issued by the National Board of Boiler | and Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BO | ILER INSPECTION |
| AND INSURANCE COMPANY of HARTE | ORD, CONNECTICUT have inspected the | e components descri | bed in this Owner's |
| Report during the period 3/18/2010 | to <u>8/3/2010</u> | _and state that to | the best of my |
| knowledge and belief, the Owner has per | formed examinations and taken correctiv | e measures descrit | bed in this Owner's |
| Report in accordance with the requirements | of the ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspe | ector or his employer makes any warranty | y, expressed or imp | lied, concerning the |
| examinations and corrective measures desc | cribed in this Owner's Report. Furthermore | e, neither the Inspec | tor nor his employer |
| shall be liable in any manner for any person | nal injury or property damage or a loss of | any kind arising from | m or connected with |
| this inspection. | | | |
| S M | | | • . |
| Inspector's Signature | | NC# 1580 Ite, Province, and End | dorsements |
| | | | |
| Date: 8/3/2010 | | | |
| | | | |
| | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| As | Required | by | the | Provisions | of the | ASME | Code | Section XI |
|----|----------|----|-----|------------|--------|------|------|------------|
|----|----------|----|-----|------------|--------|------|------|------------|

| 1. | Owner | CAROLINA P | OWER & LIGHT (Name | COMPANY | Date: | | 8/3/2010 | |
|------------------------------|---------------|--|---|--|--|--|--|-------------------------------------|
| • | <u>411 FA</u> | YETTEVILLE ST. Address | | 602 | Sheet: | 1 | of | 2 |
| | Plant_ | H.B.ROBINS(Name | | | Unit: | | 2 | |
| | | Name | | , | ESR#:72 | 2482 | EE:N/A | |
| | 3581 W | EST Entrance RD | HARTSVILLE, S | C 29550 | WR/WO | 1600867 | EE:N/A CR:N/A | |
| | | Address | | | | | ation PO No;Job No; | etc. |
| | Work P | Performed by CARC | OLINA POWER & | LIGHT COMP | ANY Type Co | de Symbol Si | tamp: <u>N/A</u> | |
| | | | Name | | Authoriz | ation No.: | N/A | |
| · | <u>3581 M</u> | EST ENTRANCE | | <u>E, SC 29550</u> | Expiratio | on Date: | <u>N/A</u> N/A | |
| | | Address | 3 | | | | | |
| • | Identific | cation of System: | Cla | ass:3 | SERVICE | WATER SY | STEM | 406 |
| | | | | | | | • | |
| | (a) A | pplicable Construc | tion Code <u>: B31.</u> | <u>1</u> Edition <u>:</u> Design Sp | <u>1967</u> Adder becification: <u>CPL-1</u> | nda <u>:N/A</u> HBR2-M-048 | Code Case <u>:N/A</u> | |
| | (b) Ap | pplicable Edition of | Section XI Used f | Design Sp or Repair/Repl | pecification: <u>CPL-</u> | <u>HBR2-M-048</u> 995 Edition 19 Code Ca | | |
| , · | (b) Ap | pplicable Edition of | Section XI Used f | Design Sp or Repair/Repl | pecification: <u>CPL-1</u> | <u>HBR2-M-048</u> 995 Edition 19 Code Ca | 996 Addenda | |
| ame of | (b) Ap | pplicable Edition of | Section XI Used f | Design Sp or Repair/Repl | pecification: <u>CPL-</u> | <u>HBR2-M-048</u> 995 Edition 19 Code Ca | 996 Addenda | Code Stam |
| ume of | (b) Ap | oplicable Edition of cation of Compone Name of | Section XI Used f | Design Sp for Repair/Repl eplaced and R National | pecification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo | <u>1BR2-M-048</u> 095 Edition 19 Code Ca nents Year | 996 Addenda ase: <u>N/A</u> Repaired, Replaced, or | Code Stam (Yes |
| ame of | (b) Ap | oplicable Edition of cation of Compone Name of | Section XI Used f | Design Sp for Repair/Repl eplaced and R National | pecification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo | <u>1BR2-M-048</u> 095 Edition 19 Code Ca nents Year | 996 Addenda ase: <u>N/A</u> Repaired, Replaced, or | ASME Code Stam (Yes No) |
| ime of mponer | (b) Ap | plicable Edition of cation of Compone Name of Manufacturer | Section XI Used f nts Repaired or R Manufacturer Serial No. | Design Sp for Repair/Repl eplaced and R National Board No. | Decification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo Other Identification | <u>1BR2-M-048</u> 295 Edition 19 Code Ca nents Year Built | 996 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement | Code Stam (Yes No) |
| ime of imporier liping | (b) Ap | pplicable Edition of cation of Compone Name of Manufacturer Ebasco | Section XI Used f nts Repaired or R Manufacturer Serial No. N/A | Design Sp for Repair/Repl eplaced and R National Board No. | Pecification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo Other Identification 2-CW-156 | <u>HBR2-M-048</u> <u>295 Edition 19</u> Code Ca <u>nents</u> Year Built 1971 | 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Replacement | Code Stam (Yes No) |
| ame of omponent | (b) Ap | pplicable Edition of cation of Compone Name of Manufacturer Ebasco | Section XI Used f nts Repaired or R Manufacturer Serial No. N/A | Design Sp for Repair/Repl eplaced and R National Board No. | Pecification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo Other Identification 2-CW-156 | <u>HBR2-M-048</u> <u>295 Edition 19</u> Code Ca <u>nents</u> Year Built 1971 | 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Replacement | Code Stam (Yes No) |
| ame of omponent | (b) Ap | pplicable Edition of cation of Compone Name of Manufacturer Ebasco | Section XI Used f nts Repaired or R Manufacturer Serial No. N/A | Design Sp for Repair/Repl eplaced and R National Board No. | Pecification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo Other Identification 2-CW-156 | <u>HBR2-M-048</u> <u>295 Edition 19</u> Code Ca <u>nents</u> Year Built 1971 | 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Replacement | Code Stam (Yes No) |
| | (b) Ap | pplicable Edition of cation of Compone Name of Manufacturer Ebasco | Section XI Used f nts Repaired or R Manufacturer Serial No. N/A | Design Sp for Repair/Repl eplaced and R National Board No. | Pecification: <u>CPL-</u> lacement Activity: <u>19</u> eplacement Compo Other Identification 2-CW-156 | <u>HBR2-M-048</u> <u>295 Edition 19</u> Code Ca <u>nents</u> Year Built 1971 | 996 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Replacement | Code Stam (Yes No) |

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

8.

Other [VT-2] Pressure[NOP] psig Test Temp [NOT] °F

SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1600867 turnover package</u> Applica | ble Manufacturers Data Reports to be at | tached | |
|--|--|--|---------------------|
| | CERTIFICATE OF COMPLIANCE | <u></u> | <u></u> |
| I certify that the statements made in the report an | re correct and this conforms to the requiren | nents of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | · · · · · · · · · · · · · · · · · · · | ·: |
| Certificate of Authorization No | N/A | | |
| Signed Gatt Sanch | ISI ENGINEER | Date | 8/3/2010 |
| | Owner or Owner's Designee, Title | ~ | |
| CERT | IFICATE OF INSERVICE INSPECTION | ······································ | |
| | | | |
| I, the undersigned, holding a valid commission | n issued by the National Board of Boiler | and Pressure Vesse | I Inspectors and th |
| State or Province of <u>North Carolina</u> | | | |
| AND INSURANCE COMPANY of HARTFO | | | |
| Report during the period 3/18/2010 | | | |
| knowledge and belief, the Owner has perfor | | | · · |
| Report in accordance with the requirements of | | | |
| | · · · · · · · · · · · · · · · · · · · | | |
| By signing this certificate neither the Inspect | or or his employer makes any warrant | . expressed or imp | lied, concerning th |
| examinations and corrective measures descri | | • | |
| shall be liable in any manner for any persona | | | |
| this inspection. | | | |
| | | | |
| Vent les | | NC# 1580 | la comonte |
| Inspector's Signature | National Board, Sta | te, Province, and End | Jorsements |
| Date:8/3/2010 | | | |
| | | | |
| | | | |
| | | | |
| | · · | | 10-050 |
| | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | OWER & LIGHT (Name | COMPANY | Date: | | 8/3/2010 | <u> </u> | | |
|--------------------|-----------------------------------|--|----------------------------|------------------------------|---|---|---|---|--|--|
| | <u>411 FA</u> | YETTEVILLE ST., I Address | RALEIGH, NC 27 | 602 | Sheet: | 11 | of | 2 | | |
| 2. | Plant_ | H.B.ROBINSO Name | N | | - | | 2 | | | |
| | <u>3581 V</u> | VEST Entrance RD; Address | | <u>C 29550</u> | WR/WO: | ESR#:72482 EE:N/A WRW0:1600895 CR:N/A Repair Organization PO No;Job No;etc. | | | | |
| 3. | | Performed by <u>CARO</u> VEST ENTRANCE I Address | Name RD; HARTSVILLE | | Authoriza | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | | |
| 4. | Identification of System: Class:3 | | | SERVICE | WATER SYS | TEM | 4060 | | | |
| 5. 6. | (b) Àr | | Section XI Used for | Design Sp or Repair/Repla | <u>1967</u> Addence ecification: <u>CPL-HI</u> acement Activity: <u>199</u> eplacement Compone | 5 Edition 199 Code Cas | | | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | | |
| Piping | | Ebasco | N/A | N/A | 2-CW-135 | 1971 | Removed | N | | |
| Piping | | Maintenance | N/A | N/A | 2-CW-135 | 2010 | Installed | N | | |
| | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Description of Work: Replace Pipe and associated fittings including valves 7.

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

SECTION XI DIVISION 1

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FORM NIS-2 (Back)

Sheet 2 of 2.

| marks: <u>See WO 1600895 turnover package</u> Applicable | Manufacturers Data Reports to be at | lached | |
|---|--|-----------------------|---------------------|
| CEI | RTIFICATE OF COMPLIANCE | | |
| certify that the statements made in the report are co | prrect and this conforms to the requirem | ents of the ASME C | ode, Section XI. |
| ype Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| igned Sanch_ | ISI ENGINEER Owner or Owner's Designee, Title | Date | 8/3/2010 |
| CERTIFIC | ATE OF INSERVICE INSPECTION | | |
| | | • | |
| , the undersigned, holding a valid commission iss | ued by the National Board of Boiler a | and Pressure Vesse | I Inspectors and th |
| State or Province of <u>North Carolina</u> | and employed by THE HARTE | ORD STEAM BO | LER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD. | CONNECTICUT have inspected the | components descri | bed in this Owner |
| Report during the period 3/18/2010 | to8/3/2010 | and state that to | the best of m |
| nowledge and belief, the Owner has performed | • | | |
| Report in accordance with the requirements of the | | | |
| | · · · | | |
| By signing this certificate neither the Inspector o | or his employer makes any warranty | , expressed or impl | lied, concerning th |
| examinations and corrective measures described | in this Owner's Report. Furthermore | , neither the Inspec | tor nor his employe |
| hall be liable in any manner for any personal inju | | . · | • |
| his inspection. | | - | |
| $ > + \cup $ | Commissions | NC# 1580 | |
| Inspector's Signature | | te, Province, and End | iorsements |
| | | | |
| Date: 8/3/2010 | • | | |
| | | | · . |
| | | - <u></u> | <u></u> |
| | | | 10-049 |
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| · . | | | |

1995 Edition 1996 Addenda

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APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | | <u>.</u> | | | | | | | |
|--------------------|--|---|----------------------------|-----------------------|--------------------|--|-------------------------|---|---|
| 1. | Owner | <u>Carolina Pc</u> | WER & LIGHT CO Name | OMPANY | | Date: | | 8/3/2010 | |
| | <u>411 FA</u> | YETTEVILLE ST., F Address | RALEIGH, NC 276 | 02 | | Sheet: | 1 | of 2 | |
| 2. | Plant_ | H.B.ROBINSO Name | N | | | Unit:2 | | | <u>.</u> |
| | <u>3581.</u> W | /EST Entrance RD; Address | | 29550 | | ESR#:72482 EE:N/A WR/W0:1600889 CR:N/A Repair Organization PO No;Job No;etc. | | | |
| 3. | . ' | erformed by <u>CARO</u> / <u>EST ENTRANCE F</u> Address | Name | | <u>NY</u> | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | |
| 4. | Identific | cation of System: | Clas | s:3 | | SERVICE W | ATER SYS | TEM | 4060 |
| 5. | Identification of System: Class:3 SERVICE WATER SYSTEM 4060 (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda:N/A Code Case:N/A Design Specification: CPL-HBR2-M-048 Code Case:N/A Code Case:N/A | | | | | | | | |
| | (b) Ap | plicable Edition of S | Section XI Used for | r Repair/Repla | icement / | Activity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identific | cation of Componen | ts Repaired or Re | placed and Re | placeme | nt Compone | nts | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Seriał No. | National Board No. | Other Identific | ation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Piping | . | Ebasco | N/A | N/A | 2-CW- | 155 | 1971 | Removed | N |
| Piping | | Maintenance | N/A | N/A | 2-CW- | 155 | 2010 | Installed | N |
| | | | · | | ļ | | | | |
| | | | | · · · · · | | | | · · | ļ |
| | | | | | · | | | | |
| 7. | Descrip | tion of Work: <u>Repla</u> | ce Pipe and asso | ciated fittings i | ncluding | valves | | | <u></u>) |
| 8. | Test Co | onducted: Hydrostat | ic [-] Pneumatic [_ |] Nominal Ope | erating Pr | essure [X] | | | |
| | | Other | [VT-2] Pressur | e[NOP] psig | Test Terr | ıp.[<u>NOT]</u> ⁰F | | | 10-048 |

SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2

| Remarks: <u>See WO 1600889 turnover pac</u> A | Applicable Manufa | acturers Data Re | ports to be a | attached | | - | • |
|--|---------------------|------------------|----------------|----------|------------|-------------|-------------|
| | CERTIFIC | ATE OF COMPL | IANCE | | <u></u> | | |
| I certify that the statements made in the re | port are correct a | nd this conforms | to the require | ments c | f the ASM | E Code, | Section XI. |
| Type Code Symbol Stamp | | N/A | | | | <u>`</u> | |
| Certificate of Authorization No | , | N/A | | <u></u> | | | |
| Signed Cohe Sa | mat | ISI ENGI | NEER | | _ Date | | 8/3/2010 |
| | Owner | or Owner's Desi | gnee, Title | | | | |
| | CERTIFICATE C | F INSERVICE | NSPECTION | 4 | | · · · · · · | |
| | | | | | ¢ . | | |
| I, the undersigned, holding a valid comn | nission issued bv | the National Bo | ard of Boiler | and Pr | essure Ve | ssel Ins | pectors and |
| State or Province of <u>North Carolina</u> | | | | | | | - |
| AND INSURANCE COMPANY of HAI | | | • | , | | | |
| Report during the period 3/18/2010 | · · · | to 8/3/20 | | | | | |
| knowledge and belief, the Owner has | | | | | | | |
| Report in accordance with the requirement | | | • | ve mea | | ionibed | |
| Report in accordance with the requirement | | | <i>х</i> и. | | | | |
| By signing this certificate neither the Ir | nonactor or his c | mployor makaa | onu worron | tu ovor | occod or i | moliod | concorning |
| · · · · · · · · · · · · · · · · · · · | | | | | ÷ | | |
| examinations and corrective measures | | | | | | | |
| shall be liable in any manner for any pe | ersonal injury or p | property damage | e or a loss o | тапу ка | nd arising | trom or | connected v |
| this inspection. | \frown | | | | | | |
| Zat Wat | 2 | Com | missions | NC# 1 | 580 | | |
| Inspector's Signature | / | Natio | nal Board, SI | ate, Pro | vince, and | Endors | ements |
| Date: 8/3/2010 | | | | | | | |
| Date0/3/2010 | | | | | | | |
| | | | ÷ | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | <u>)WER & LIGHT (</u> Name | OMPANY | Da | te: | 8/2/2010 | | | |
|----------------------|--|---|-----------------------------------|-------------------------------|-------------------------|--|---|---|--|--|
| • | <u>411 FA</u> | YETTEVILLE ST., Address | | 602 | Sh | eet:1 | of | 2 | | |
| 2. | Plant _ | H.B.ROBINSC Name | DN | | | it: | | | | |
| 2 | <u>3581 W</u> | /EST Entrance RD; Address | | <u>C 29550</u> | <u>ES</u> WI | ESR#:72482 EE:N/A WR/WO:1533588 CR:N/A Repair Organization PO No;Job No;etc. | | | | |
| | Name Authorization No.: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A Address Address N/A | | | | | | | | | |
| 4. | Identific | ation of System: | Cla | ss:3 | SEF | VICE WATER SY | STEM | 4060 | | |
| | (b) Ap | pplicable Construc plicable Edition of cation of Componer | Section XI Used for | Design Spo or Repair/Repla | ecification: | Code Ca | Code Case <u>:N/A</u> 996 Addenda ase: <u>N/A</u> | | | |
| Name of Component | it | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | | |
| Piping | | Ebasco | N/A | N/A | 6-CW-86A | 1971 | Removed | N | | |
| Piping | <u></u> | Maintenance | N/A | N/A | 6-CW-86A | 2010 | Installed | N | | |
| Gate Val | lve | Crane Valve | N/A | N/A | SW-89 | 1971 | Removed | N | | |
| Gate Val | lve | Crane Valve | 14477 | N/A | SW-89 | 2010 | Installed | N | | |
| Gate Val | lve | Crane Valve | N/A | N/A | SW-90 | 1971 | Removed | N . | | |
| Gate Val | lve | Crane Valve | 14477 | N/A | SW-90 | 2010 | Installed | N | | |

Description of Work: Replace Pipe and associated fittings including valves 7.

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1533588 turnover pac | pplicable Manufacturers Data Reports to be attached |
|--|---|
| | CERTIFICATE OF COMPLIANCE |
| I certify that the statements made in the re | port are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp | N/A |
| Certificate of Authorization No | N/A |
| Signed John Sande | ISI ENGINEER Date 8/2/2010 |
| | Owner or Owner's Designee, Title |
| · . | CERTIFICATE OF INSERVICE INSPECTION |
| | |
| I, the undersigned, holding a valid comm | ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the |
| State or Province of North Carolina | and employed by THE HARTFORD STEAM BOILER INSPECTION |
| | RTFORD, CONNECTICUT have inspected the components described in this Owner's |
| | to <u>8/2/2010</u> and state that to the best of my |
| knowledge and belief, the Owner has | performed examinations and taken corrective measures described in this Owner's |
| Report in accordance with the requirem | |
| | |
| By signing this certificate neither the li | spector 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 employe |
| shall be liable in any manner for any pe | rsonal injury or property damage or a loss of any kind arising from or connected with |
| this inspection. | |
| - Llia | |
| Inspector's Signature) | Commissions NC# 1580 National Board, State, Province, and Endorsements |
| | |
| Date: 8/2/2010 | |
| | |
| | |

Form NIS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | <u>CAROLINA PO</u> | WER & LIGHT C Name | OMPANY | | Date: | | 7/27/2010 | |
|--------------------|--|---|----------------------------|-----------------------|--------------------|---|---------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | <u>i02</u> | | Sheet: | 1 | of 2 | 2 |
| 2. | Plant_ | H.B.ROBINSOI Name | <u>N</u> | | | | | | |
| | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | ESR#:N/A EE:N/A WR/WO:830777 CR:N/A Repair Organization PO No;Job No;et | | | |
| 3. | · . | Performed by <u>CAROL</u> | Name | | ANY | Type Code Symbol Stamp: N/A Authorization No.: N/A | | | |
| • | 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address | | | | | Expiration | Date: | <u>N/A</u> | |
| 4. 5. | | cation of System: | , | VIII Edition: | 1968 | Addenda | a <u>:N/A</u> | <u>G WATER SYSTE</u> Code Case <u>:N/A</u> | <u>M 4080</u> |
| 6. | | oplicable Edition of S cation of Component | | r Repair/Repl | acement / | | 5 Edition 199 Code Cas | 96 Addenda se: <u>N/A</u> | |
| Name of Compone | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identific | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Tubing | · · | Maintenance | N/A | N/A | CCW-I | HTX-A | 1971 | Removed | N |
| Tubing | | Energy & Process Corp | 8766/8769/87 71 | N/A | CCW-I | | 2010 | Installed | N |
| Tubing | | Energy & Process Corp | 8773/8777/87 81 | N/A | CCW-I | HTX-A | 2010 | Installed | N |
| | | | | <u> </u> | | <u></u> | · · | · · · · · · · · · · · · · · · · · · · | |
| | | | . <u>.</u> | <u> </u> | | | | | |
| | | 1 | | | | | | | |

7. Description of Work: Replace Tubing in Heat Exchanger

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

Other [] Pressure[] psig Test Temp.[] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 830777 turnover package</u> Applica | ble Manufacturers Data Reports to be | attached | |
|--|--|------------------------------------|---------------------|
| شمې <u>استې د پې د مار واله و د ورس</u> و منوي مينيو رسوان خوا سو انتراب و م | CERTIFICATE OF COMPLIANCE | | <u></u> |
| I certify that the statements made in the report ar | e correct and this conforms to the require | ements of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| Signed _ Cat'l Samely | ISI ENGINEER | Date | 7/27/2010 |
| | Owner or Owner's Designee, Title | | |
| CERT | IFICATE OF INSERVICE INSPECTIO | <u> </u> | |
| | ····· | ·- · | |
| I, the undersigned, holding a valid commission | issued by the National Board of Boile | r and Pressure Vesse | Inspectors and th |
| State or Province of <u>North Carolina</u> | • | | • |
| AND INSURANCE COMPANY of HARTFOR | | | |
| Report during the period 10/28/2009 | | | • • |
| my knowledge and belief, the Owner has per | | · · · | |
| Report in accordance with the requirements of | | | |
| | | · · | |
| By signing this certificate neither the Inspecto | or or his employer makes any warrar | ity, expressed or imp | lied, concerning th |
| examinations and corrective measures describ | · · · · | | |
| shall be liable in any manner for any personal | | | |
| this inspection. | | | |
| | | | |
| Inspector's Signature | Commissions National Board S | NC# 1580 tate, Province, and En | dorsements |
| | | | |
| Date: 7/27/2010 | | | |
| | | | |
| | | | |
| | | | 10-046 |
| | | | 10-040 |
| | · · · | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| As | Required | l by | the | Provisions | of the | ASME | Code | Section | XL |
|----|----------|------|-----|------------|--------|------|------|---------|----|
|----|----------|------|-----|------------|--------|------|------|---------|----|

| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | DMPANY | | Date: | | 7/27/2010 | |
|--------------------|--|-----------------------------|----------------------------|-----------------------|--|-----------------------|---------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST. F Address | ALEIGH, NC 276 | 02 | | Sheet: | · 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSO Name | N | | | Unit: | | 2 | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | · | ESR#:N/A EE:N/A WR/WO:1485582 CR:N/A Repair Organization PO No;Job No;etc. | | | | |
| 3. | | Performed by <u>CARO</u> | Name | | <u>NY</u> | Authorizati | on No.: | mp: <u>N/A</u> N/A | |
| ··· | <u>3581 V</u> | VEST ENTRANCE R Address | D, HARTSVILLE, | <u>SC 29550</u> | | Expiration | Date: | N/A | <u> </u> |
| 4. | Identifi | cation of System: | Clas | s:3 | <u></u> | MAIN STEA | MSYSTEM | | 3020 |
| . 5. | | opplicable Construction | | Design Spe | ecificatio | | | Code Case <u>:N/A</u> | |
| | (b) At | plicable Edition of S | | кераплера | cement | Activity: <u>1995</u> | Code Cas | | |
| 6. | Identifi | cation of Componen | ts Repaired or Rep | blaced and Re | placeme | ent Compone | nts | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identific | cation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Nut | ÷ | Ebasco | N/A | N/A | MS-26 | 51A | 1971 | Removed | N |
| Nut | | Mackson Inc | 8876873 S286 | N/A | MS-26 | 51A | 2010 | Installed | N |
| | · _ | | | | | · · · | | | |
| | | • . | | | - | | | | |
| · · · · | i | | | 1 | 1 | | | | 1 |

7. Description of Work: Replaced bonnet nut.

8.

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

Other [N/A] Pressure[N/A] psig Test Temp [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1485582 turnover package | | | |
|--|--|------------------------------|---------------------|
| Applicat | ble Manufacturers Data Reports to | be attached | |
| | | <u> </u> | |
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are | e correct and this conforms to the req | uirements of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| Signed Oak L Sande | | | 7/27/2010 |
| | Owner or Owner's Designee, Title | e | |
| CERTI | IFICATE OF INSERVICE INSPECT | ION | |
| | | | |
| I, the undersigned, holding a valid commission | issued by the National Board of Br | aller and Pressure Vessel | Inspectors and the |
| | - | 2 | |
| State or Province of <u>North Carolina</u> | • | | |
| AND INSURANCE COMPANY of HARTFOR | <u>{D, CONNECTICUT</u> have inspected | d the components describ | ed in this Owner's |
| Report during the period 7/20/2010 | to7/27/2010 | and state | that to the best of |
| my knowledge and belief, the Owner has perf | ormed examinations and taken cor | rrective measures describ | ed in this Owner's |
| Report in accordance with the requirements of | the ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspecto | or or his employer makes any war | ranty, expressed or impli | ed, concerning the |
| examinations and corrective measures describ | bed in this Owner's Report. Further | more, neither the Inspecto | or nor his employer |
| shall be liable in any manner for any personal | | | |
| this inspection. | Service and Servic | , , | |
| | · . | | |
| Inspector's Signature | Commissions | NC# 1580 | |
| Inspector's Signature | National Board | I, State, Province, and Endo | orsements |
| Doto: 7/27/2010 | | • | |
| Date: 7/27/2010 | | | |
| | | | |
| | <u></u> | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | OWER & LIGHT C Name | OMPANY | | Date: | | 8/2/2010 | |
|---------------------|----------------|-----------------------------|----------------------------|----------------------------------|----------------------|--------------------------|---------------|---|---|
| | <u>411 FA`</u> | YETTEVILLE ST., Address | | 302 | · | Sheet: | . 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSC Name | DN | | | Unit: | | 2 | |
| | <u>3581 W</u> | EST Entrance RD; Address | | <u>C 29550</u> | , | | 537080 | EE:N/A CR:N/A ation PO No;Job No | |
| 3. | | erformed by <u>CARC</u> | Name RD: HARTSVILLE | | | Authorizati | ion No.: | amp: <u>N/A</u> N/A N/A | |
| 4. | Identific | Address ation of System: | | ss:3 | F | EED WAT | ER SYSTEI | <u>vi</u> | 3065 |
| 5. | (a) A | pplicable Construc | tion Code <u>: B31.1</u> | Edition <u>: 1</u> Design Spe | 1967 ecification: | Addenda <u>CPL-HB</u> | | Code Case <u>:N/A</u> | |
| | (b) Ap | plicable Edition of | Section XI Used fo | or Repair/Repla | cement A | ctivity: <u>199</u> | | <u>96 Addenda</u> se: <u>N-416-3</u> | |
| 6. | Identific | ation of Componer | nts Repaired or Ré | placed and Re | placemen | t Compone | nts | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | tion | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Piping | | Maintenance | N/A | N/A | 4-FW-1 | 8A . | 2010 | Installed | N |
| Support | | Maintenance | N/A | N/A | SS-307 | 2 | 2010 | Corrected | N |
| | | | | | | | | | |
| | | | - | | | | | | |

Description of Work: Addition of Line 4-FW-18A and Modification of support SS-3072 7.

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1537080 turno9ver package | | · · · · · · · · · · · · · · · · · · · | |
|--|--|---------------------------------------|---------------------|
| Applicable N | Manufacturers Data Reports to be a | attached | |
| CFE | RTIFICATE OF COMPLIANCE | n and an ter an | |
| I certify that the statements made in the report are con | · · · · · · · · · · · · · · · · · · · | monte of the ASME Co | de Section VI |
| Type Code Symbol Stamp | | ments of the ASME CO | de, Section XI. |
| | N/A | | |
| Certificate of Authorization No | | ······ | 0.00.00.40 |
| | ISI ENGINEER Owner or Owner's Designee, Title | Date | 8/2/2010 |
| | | | |
| CERTIFIC | ATE OF INSERVICE INSPECTION | 4 | |
| | | | |
| I, the undersigned, holding a valid commission issu | ued by the National Board of Boiler | and Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HAR | FORD STEAM BOIL | LER INSPECTION |
| AND INSURANCE COMPANY_ofARTFORD, (| CONNECTICUT have inspected th | e components descrit | oed in this Owner's |
| Report during the period <u>11/11/2009</u> | to <u>8/2/2010</u> | _and state that to | the best of my |
| knowledge and belief, the Owner has performed | I examinations and taken correcti | ve measures describ | ed in this Owner's |
| Report in accordance with the requirements of the | ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector of | r his employer makes any warran | ty, expressed or impli | ed, concerning the |
| examinations and corrective measures described | in this Owner's Report. Furthermol | e, neither the Inspect | or nor his employer |
| shall be liable in any manner for any personal inju | iry or property damage or a loss o | f any kind arising from | n or connected with |
| this inspection. | | | |
| | · | | |
| Inspector's Signature | Commissions National Board, SI | NC# 1580 ate, Province, and End | orsements |
| | | | |
| Date: <u>8/2/2010</u> | | | |
| | | | |
| | | | |
| | | | 10-044 |
| | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | • | | · | | | | | | |
|--------------------|---------------|--|----------------------------|------------------------------|------------------------------|--|-------------------------------|---|---|
| 1. | Owner | CAROLINA PO | WER & LIGHT C Name | OMPANY | Đ | ate: | | 7/27/2010 | |
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 502 | S | heet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSOI Name | <u>N</u> | | | | | | |
| | <u>3581 M</u> | /EST Entrance RD; Address | HARTSVILLE, SO | <u>C 29550</u> | | ESR#:N/A EE:N/A WR/WO:1512498 CR:N/A Repair Organization PO No;Job No;etc. | | | |
| : 3. | | Performed by <u>CAROI</u> VEST ENTRANCE R Address | Name | • , | ANY Ty Ai E: | ype Code uthorizati xpiration | Symbol St on No.: Date: | amp: <u>N/A</u> N/A N/A | |
| 4. | Identific | cation of System: | Cla | ss:3 | Сн | IEMICAL | AND VOLU | JME CONTROL S | YSTEM2060 |
| 5. 6. | (b) Ap | opplicable Constructi oplicable Edition of S cation of Component | ection XI Used for | Design Sp or Repair/Repla | ecification: acement Acti | <u>N/A</u> vity: <u>1995</u> | Code Ca | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificatio | n | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Flange | Studs | Ebasco | N/A | N/A | EXCS-LTI HTX | DN- | 1971 | Removed | N |
| Flange | Studs | Dubose National | N/A | N/A | EXCS-LTI HTX | DN- | 2010 | Installed | N |
| Flange I | Nuts | Ebasco | N/A | N/A | EXCS-LTI HTX | DN- | 1971 | Removed | Ń |
| Flange I | Nuts | Nova Machine Products | 25951 H282 | N/A | EXCS-LTI HTX | DN- | 2010 | Installed | N |
| | | | | | | | | | |

7.

Description of Work: Shell flange studs replaced due to boric acid leakage, re-weld lines to support gasket changeout.

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

Other [EST-83-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1512498 turnover package. | | | |
|--|---|---|-------------------|
| Applicat | ble Manufacturers Data Reports to be a | ttached | |
| | | | |
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are | correct and this conforms to the requirer | ments of the ASME Code | e, Section XI. |
| Type Code Symbol Stamp | N/A | | · |
| Certificate of Authorization No | N/A | | |
| Signed lath Sanch | | Date | 7/27/2010 |
| | Owner or Owner's Designee, Title | · <u>····································</u> | |
| CERTI | FICATE OF INSERVICE INSPECTION | · · · · · · · · · · · · · · · · · · · | |
| | | | |
| I, the undersigned, holding a valid commission | issued by the National Board of Boiler | and Pressure Vessel In | spectors and the |
| State or Province of <u>North Carolina</u> | | • | |
| AND INSURANCE COMPANY of HARTFOR | | | |
| Report during the period 2/3/2010 | | | |
| knowledge and belief, the Owner has perform | · · · · · · · · · · · · · · · · · · · | | |
| | | e measures described | i in this Owner's |
| Report in accordance with the requirements of | the ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspecto | | | |
| examinations and corrective measures describ | | | , |
| shall be liable in any manner for any personal | injury or property damage or a loss of | any kind arising from c | or connected with |
| this inspection. | | | |
| - Ethern C | Commissions | NC# 1580 | * |
| Inspector's Signature | | ate, Province, and Endors | sements |
| | | | |
| Date:7/27/2010 | | | |
| | | | |
| | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PC | WER & LIGHT (Name | COMPANY | Date:_ | | 7/27/2010 | <u></u> |
|--------------------|--|--|----------------------------|-----------------------------|---|--|---|---|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 Address 1 | | | | of | 2 | | |
| 2. | Plant | H.B.ROBINSO Name | <u>N</u> | | | | 2 | |
| | <u>3581 V</u> | VEST Entrance RD; Address | <u>HARTSVILLE, S</u> | <u>C 29550</u> | WR/W | ESR#:N/A EE:N/A WR/WO:1758804 CR:N/A Repair Organization PO No;Job No;el | | |
| 3. | | Performed by <u>CARO</u> VEST ENTRANCE F Address | Name RD: HARTSVILLE | | Author | zation No.: | amp: <u>N/A</u> N/A N/A | , |
| 4. | Identifi | cation of System: | Cla | iss:2 | SAFET | INJECTION S | YSTEM | 2080 |
| 5. | (b) Ar | Applicable Construct | Section XI Used f | Design Sp or Repair/Repl | ecification: <u>N/A</u> acement Activity: <u>*</u> | Code Ca | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Stud nu | t | Maintenance | N/A | N/A | SI-864A | 1971 | Removed | N |
| Stud Nu | Jt | Mackson Inc | S314 | N/A | SI-864A | 2010 | Installed | N |
| | _, _ | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

7. Description of Work: Replaced bonnet nut due to misplacement.

8.

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

Other [N/A] Pressure[N/A] psig Test Temp [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

| Remarks: <u>See WO 1758804 turnover package.</u> Applicable | Manufacturers Data Reports to be a | ttached | |
|--|--|-----------------------|---------------------------------------|
| CE | ERTIFICATE OF COMPLIANCE | <u></u> | |
| I certify that the statements made in the report are c | orrect and this conforms to the requirer | ments of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | ······ | · · · · · · · · · · · · · · · · · · · |
| Certificate of Authorization No | N/A | | |
| signed Cath Sample | | Date | 7/27/2010 |
| | Owner or Owner's Designee, Title | | |
| CERTIFI | CATE OF INSERVICE INSPECTION | | |
| | | | |
| I, the undersigned, holding a valid commission is | sued by the National Board of Boiler | and Pressure Vesse | I Inspectors and th |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BO | ILER INSPECTIO |
| AND INSURANCE COMPANY of HARTFORD | , CONNECTICUT have inspected the | e components descr | ibed in this Owner |
| Report during the period 5/31/2010 | to <u>7/27/2010</u> | and state | that to the best |
| my knowledge and belief, the Owner has perform | med examinations and taken correct | ive measures descr | ibed in this Owner |
| Report in accordance with the requirements of the | e ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector | or his employer makes any warrant | y, expressed or imp | lied, concerning th |
| examinations and corrective measures described | I in this Owner's Report. Furthermore | e, neither the Inspec | tor nor his employe |
| shall be liable in any manner for any personal in | jury or property damage or a loss of | any kind arising from | m or connected wi |
| this inspection. | · · · · | | |
| | Commissions | NC# 1580 | |
| Inspector's Signature | | te, Province, and En | dorsements |
| Date: 7/27/2010 | | | |
| Date: 7/27/2010 | | | |
| • | | | |
| | | | |
| | | | 10-042 |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | <u>CAROLINA PO</u> | WER & LIGHT C Name | OMPANY | Da | ate: | | 7/7/2010 | <u> </u> |
|--------------------|---------------|---|----------------------------|-----------------------------|------------------------------|-------------------|--|--|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 602 | SI | heet: | 1 | of2 | |
| 2. | Plant_ | H.B.ROBINSON Name | N | | | | | 2 | |
| • | <u>3581 V</u> | /EST Entrance RD; I Address | HARTSVILLE, SC | 29550 | E W | | 90935 01 | EE:N/A CR:N/A ion PO No;Job No;e | |
| 3. | | Performed by <u>CAROL</u> VEST ENTRANCE R Address | Name | | A | uthorizatio | Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | |
| 4. | Identific | cation of System: | Clas | ss:3 | <u> </u> | MPONE | NT COOLIN | G WATER SYSTE | <u>M 4080</u> |
| 5. | (b) Ap | oplicable Construction oplicable Edition of S cation of Component | ection XI Used fo | Design Sp r Repair/Repla | ecification: acement Acti | vity: <u>1995</u> | <u>R2-M-026</u> Edition 199 Code Cas | Code Case <u>:N/A</u> <u>6 Addenda</u> e: <u>N-416-3</u> | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | n · | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Globe V | /alve | Rockwell | N/A | N/A | CC-708A | | 1971 | Removed | N |
| Globe V | /alve | Flowserve | N/A | N/A | CC-708A | | 2010 | Installed | N |
| · | | | | | | · · · | | | |
| | | | | | | | | | ļ |
| | | | | | | | | | |
| | | | | | | · · · · · · | | | |

7. Description of Work: <u>Replace valve</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

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1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

,

| Remarks: See WO 1690935 turnover package Applicable Manufacturers Data Reports to be attached |
|--|
| CERTIFICATE OF COMPLIANCE |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp N/A |
| Certificate of Authorization NoN/A |
| Signed Date Date 7/7/2010 |
| Owner or Owner's Designee, Title |
| |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner |
| Report during the period <u>4/8/2010</u> to <u>7/7/2010</u> and state that to the best of my knowledge a |
| belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordar |
| 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 |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his emplo |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected w |
| this inspection. |
| Et the C |
| Inspector's Signature Commissions NC# 1580 National Board, State, Province, and Endorsements |
| |
| Date: 7/7/2010_ |
| |
| |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name | | | | Date: | | 7/7/2010 | | |
|--------------------|--|--|----------------------------|---------------------------|----------------------------|---------------------|-----------------------------------|--|---|
| | <u>411 F/</u> | 11 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | | | | | . 1 | of | 2 |
| 2. | Plant_ | Plant <u>H.B.ROBINSON</u> Name | | | | Unit: | | 2 | |
| | <u>3581 V</u> | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | | | | EE:N/A CR:N/A ation PO No;Job No | |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 | | | | | Authorizatio | on No.: | amp: <u>N/A</u> N/A N/A | |
| 4. | | Address | | | | | . • | IG WATER SYST | |
| 5. | (b) A | Applicable Construct pplicable Edition of S cation of Componer | Section XI Used for | Design Sp Repair/Repla | ecification: acement Ac | tivity: <u>1995</u> | R2-M-026 Edition 19 Code Ca | Code Case <u>:N/A</u> <u>96 Addenda</u> se: <u>N-416-3</u> | • • |
| Name of Compone | ent | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificat | ion | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Globe \ | Valve | Rockwell | N/A | N/A | CC-708 | 3 | 1971 | Removed | N |
| Globe \ | Valve | Flowserve | N/A | N/A | CC-708 | 3 | 2010 | Installed | N |
| | | | | | | | | | |
| | | | | | | | · | | |
| | | | | | | | | | |
| | | | | | <u> </u> | | | <u> </u> | |

7. Description of Work: <u>Replace valve</u>

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 1690934 turnover package Applicable Manufacturers Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No N/A a Signed **ISI ENGINEER** Date 7/7/2010 Owner or Owner's Designee, Title **CERTIFICATE OF INSERVICE INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by THE HARTFORD STEAM BOILER INSPECTION State or Province of North Carolina AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period _____4/8/2010 .7/7/2010 and state that to the best of my knowledge and to 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. Commissions_ NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements 7/7/2010 Date:

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | | | | Date: | | 7/7/2010 | | | |
|--------------------|--|--|---|---|---|---|--|---|---|--|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | | 02 | Sheet:1 of | | | | | |
| 2. | Plant_ | lantH.B.ROBINSON Name | | | | Unit:2 | | | | |
| | <u>3581.W</u> | 581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | • | ESR#:76593 EE:N/A WR/W0:1690931 01 CR:N/A Repair Organization PO No;Job No;etc. | | | | |
| 3. | | Performed by <u>CAROL</u> VEST ENTRANCE R Address | Name | • | <u>ANY</u> | Authorizati | Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | | |
| 4. 5. 6. | (a) A (b) Ap | cation of System: oplicable Construction oplicable Edition of S cation of Component | on Code <u>: B 31.1</u> ection XI Used for | Edition <u>:</u> Design Sp r Repair/Repla | <u>1967</u> ecification acement A | Addenda <u>CPL-HB</u> .ctivity: <u>1995</u> | a <u>:N/A</u> R2-M-026 5 Edition 199 Code Cas | <u>G WATER SYSTEI</u> Code Case <u>:N/A</u> <u>6 Addenda</u> e: <u>N-416-3</u> | <u>M_4080</u> | |
| Name of Compone | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | |
| Globe V | /alve | Rockwell | N/A | N/A | CC-728 | 3D | 1971 | Removed | N | |
| Globe V | /alve | Flowserve | N/A | N/A | CC-728 | BD . | 2010 | Installed | N | |
| | | | | | | | | | | |
| | | | | | | | · · · | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | ŀ | | | | | |
| | | | | | | | | | | |

7. Description of Work: <u>Replace valve</u>

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 1690931 turnover package Applicable Manufacturers Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No N/A Signed **ISI ENGINEER** Date 7/7/2010 Owner or Owner's Designee, Title **CERTIFICATE 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 North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's 7/7/2010 and state that to the best of my knowledge and Report during the period. 4/8/2010 to 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. Commissions NC# 1580 National Board, State, Province, and Endorsements Inspector's Signature 7/7/2010 Date:

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. Owne | | | | | | | | |
|-------------------------------------|--|---|---------------------------------------|------------------------------------|--------------------------|------------------------------|--|---------------------------------|
| i. Owne | er <u>CAROLINA I</u> | POWER & LIGHT C Name | OMPANY | | Date: | | 7/7/2010 | |
| <u>411 F</u> | AYETTEVILLE ST. Addres | | 502 | | Sheet: | 11 | of | 2 |
| 2. Plant | H.B.ROBINS | ON | <u></u> | | Unit: | | 2 | |
| <u>3581</u> | WEST Entrance RI Addres | | 29550 | | | <u>690928 01</u> | EE:N/A CR:N/A ation PO No;Job No | |
| 3. Work | Performed by CAR | OLINA POWER & I Name | IGHT COMP | | Type Code Authorizati | e Symbol St ion No.: | amp: <u>N/A</u> N/A | · . |
| <u>3581</u> | WEST ENTRANCE Addres | | <u>SC 29550</u> | | Expiration | Date: | N/A | |
| | Applicable Constru Applicable Edition o | | Design Sp | ecification: | | R2-M-026 | Code Case <u>:N/A</u> 96 Addenda | |
| 6. Ident | ification of Compone | ents Renaired or Re | olaced and R | enlacement | Compone | | se: <u>N-416-3</u> | |
| | ification of Compon Name of Manufacturer | ents Repaired or Re Manufacturer Serial No. | placed and R National Board No. | eplacement Other Identificat | | | | Code Stamp |
| Name of | Name of | Manufacturer | National | Other | on | nts Year | Repaired, Replaced, or | Stamp (Yes or |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificat | ion 3 | nts Year Built | Repaired, Replaced, or Replacement | Code Stamp (Yes or No) |
| Name of Component Globe Valve | Name of Manufacturer Rockwell | Manufacturer Serial No. N/A | National Board No. N/A | Other Identificat | ion 3 | nts Year Built 1971 | Repaired, Replaced, or Replacement Removed | Code Stamp (Yes or No) |
| Name of Component Globe Valve | Name of Manufacturer Rockwell | Manufacturer Serial No. N/A | National Board No. N/A | Other Identificat | ion 3 | nts Year Built 1971 | Repaired, Replaced, or Replacement Removed | Code Stamp (Yes or No) |

7. Description of Work: Replace valve

8.

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet <u>2</u> of <u>2</u>.

Remarks: See WO 1690928 turnover package

| Applicable Manu | ifactu | rers | Data | Reports | to be | attached |
|-----------------|--------|------|------|---------|-------|----------|

| CERTIFICATE OF COMPLIANCE | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. | | | | | | | | |
| Type Code Symbol Stamp N/A | | | | | | | | |
| Certificate of Authorization No | | | | | | | | |
| Signed John Sande ISI ENGINEER Date 7/7/2010 | | | | | | | | |
| 2 Owner or Owner's Designee, Title | | | | | | | | |
| CERTIFICATE OF INSERVICE INSPECTION | | | | | | | | |
| | | | | | | | | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the | | | | | | | | |
| State or Province of <u>North Carolina</u> 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 <u>4/8/2010</u> to <u>7/7/2010</u> and state that to the best of my knowledge and | | | | | | | | |
| belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance | | | | | | | | |
| with the requirements of the ASME Code, Section XI. | | | | | | | | |
| | | | | | | | | |
| By signing this certificate neither the Inspector 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. | | | | | | | | |
| | | | | | | | | |
| Commissions NC# 1580 | | | | | | | | |
| Inspector's Signature National Board, State, Province, and Endorsements | | | | | | | | |
| Date: 7/7/2010 | | | | | | | | |
| | | | | | | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | OWER & LIGHT C Name | OMPANY | Da | te: | | 7/6/2010 | |
|-----------------------|--|----------------------------|---------------------------------------|------------------------------|-------------------------|---------------------------|---|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., Address | RALEIGH, NC 276 | 02 | Sh | eet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSC Name | N | · | Uni | it: | | 2 | |
| · | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | | | R#:N/A R/WO:11 Repa | 27880 | EE:N/A CR:N/A ation PO No;Job No | |
| 3. | Work F | Performed by CARC | LINA POWER & L Name | Au | pe Code : thorizatio | Symbol St n No.: | amp: <u>N/A</u> N/A | | |
| . X ¹ • | <u>3581 V</u> | EST ENTRANCE I Address | RD; HARTSVILLE, | <u>SC 29550</u> | Exp | piration D | oate: | <u>N/A</u> | |
| 4. | Identifie | cation of System: | Clas | is:3 | SER | NICE W | ATER SYS | STEM | 4060 |
| 5. 6. | (b) Ap | pplicable Construct | Section XI Used for | Design Spe r Repair/Repla | ecification: (| ity: <u>1995</u> | <u>X-M-001</u> Edition 19 Code Ca | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Strainer bolting | | Mackson | N/A | N/A | S6-1B | | 2005 | Removed | N |
| Strainer bolting | | Mackson | 744208/BLM; M23663;7201 928 | N/A | S6-1B | | 2010 | Installed | N |
| | | | | | | | | - | |
| | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | | | |
| | | • | | | | | | | |

7. Description of Work: <u>Replaced inlet and outlet Strainer Flange bolting</u>

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

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

FORM NIS-2 (Back)

Sheet 2 of 2.

| Α | oplicable Manufacti | urers Data Reports to be | attached | • |
|--|---------------------------------------|----------------------------------|---------------------------------------|----------------------|
| | CERTIFICAT | E OF COMPLIANCE | | |
| I certify that the statements made in the re | port are correct and | this conforms to the require | ements of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | | N/A | | |
| Certificate of Authorization No | <u></u> | N/A | · · · · · · · · · · · · · · · · · · · | |
| signed _ Oct & Sanch | | ISI ENGINEER | Date | 7/6/2010 |
| | Owner or | Owner's Designee, Title | | |
| | CERTIFICATE OF | INSERVICE INSPECTIO | N [.] | |
| · · · · · | | | | |
| I, the undersigned, holding a valid comm | ission issued by th | e National Board of Boile | r and Pressure Vesse | el Inspectors and th |
| State or Province of <u>North Carolina</u> | and e | employed by THE HAR | TFORD STEAM BO | ILER INSPECTION |
| AND INSURANCE COMPANY of HAP | TFORD, CONNEC | TICUT have inspected th | ne components descr | ibed in this Owner |
| Report during the period 7/6/2010 | to7/ | <u>6/2010</u> and sta | te that to the best o | f my knowledge an |
| belief, the Owner has performed examin | ations and taken co | prrective measures descri | bed in this Owner's F | Report in accordanc |
| with the requirements of the ASME Code | Section XI | | | |
| : | | | | |
| By signing this certificate neither the In | spector or his emp | oloyer makes any warrar | ity, expressed or imp | blied, concerning th |
| examinations and corrective measures of | lescribed in this Ov | wner's Report. Furthermo | re, neither the Inspec | tor nor his employe |
| shall be liable in any manner for any pe | sonal injury or pro | perty damage or a loss o | of any kind arising fro | m or connected wit |
| this inspection. | | | | |
| This? | | | NO# 4500 | |
| Inspector's Signature | · | Commissions National Board, S | NC# 1580 tate, Province, and En | dorsements |
| | | | | |
| Date: 7/6/2010 | | | | |
| | | · · · | | |
| <u> </u> | Étaina an 17 - 18 an an 18 | | | <u></u> |
| | | | | 10-037 |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | Date: | 7/6/2010 |
|----|--|---|---------------------------------------|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet:1 | of 2 |
| 2. | Plant H.B.ROBINSON Name | Unit: | 2 |
| | | ESR#:N/A | EE:N/A |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 | WR/WO:1571873 | CR:N/A |
| | Address | Repair Organiz | zation PO No; Job No; etc. |
| | | | |
| 3. | Work Performed by CAROLINA POWER & LIGHT COMPANY | Type Code Symbol S | tamp: 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 REI | MOVAL SYSTEM 2045 |
| 5. | (a) Applicable Construction Code: N/A Edition: N/A Design Specification | Addenda <u>:N/A</u> on: <u>DRS 200 Rev.2</u> | Code Case <u>:N/A</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement | | <u>996 Addenda</u> ase: <u>N/A</u> |

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 | Grinnell | 30082 | N/A | Snubber #17 | 2001 | Removed | N . |
| Snubber | Grinnell | 36894 | N/A | Snubber #17 | 2010 | Installed | 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

FORM NIS-2 (Back)

Sheet 2_of 2.

| Remarks: | See WO | 1571873 (| D1 turr | nover package. |
|----------|--------|-----------|---------|----------------|
| | | | | |

Applicable Manufacturers Data Reports to be attached

| CERTIFICATE OF COMPLIANCE | | | | | | |
|--|--|--|--|--|--|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. | | | | | | |
| Type Code Symbol Stamp N/A | | | | | | |
| Certificate of Authorization NoN/A | | | | | | |
| Signed Jate Jate 7/6/2010 | | | | | | |
| Owner or Owner's Designee, Title | | | | | | |
| CERTIFICATE OF INSERVICE INSPECTION | | | | | | |
| | | | | | | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the | | | | | | |
| State or Province of <u>North Carolina</u> 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 <u>5/6/2010</u> to <u>7/5/2010</u> and state that to the best of my knowledge and | | | | | | |
| belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance | | | | | | |
| with the requirements of the ASME Code, Section XI. | | | | | | |
| | | | | | | |
| By signing this certificate neither the Inspector 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. | | | | | | |
| Commissions NC# 1580 | | | | | | |
| Inspector's Signature National Board, State, Province, and Endorsements | | | | | | |
| | | | | | | |
| Date:7/6/2010 | | | | | | |
| | | | | | | |
| | | | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | | | | Date: | | 7/6/2010 | |
|----|--|---------------------------------|------------------|--|---------------|---------------|-----------------------|-------------|
| | <u>411 FAYE</u> | TTEVILLE ST., RALEIG Address | H, NC 2760 | 2 | Sheet: | 1 | _of | 2 |
| 2. | Plant | H.B.ROBINSON Name | | | Unit: | | 2 | |
| | | | | | ESR#:72355 | | EE:N/A | |
| | 3581 WES | T Entrance RD: HARTS | 29550 | WR/WO:1537 | 7092 | CR:N/A | | |
| | | Address | | | Repair | Organization | PO No;Job No; | etc. |
| 3. | Work Perfo | ormed by CAROLINA PO | OWER & LIC | SHT COMPANY | Type Code Sy | ymbol Stamp | : <u> </u> | |
| | | | Name | | Authorization | No.: | | |
| | <u>3581 WES</u> | T ENTRANCE RD; HAF Address | TSVILLE, S | <u>SC 29550</u> | Expiration Da | te: | <u>N/A</u> | |
| 4. | Identificatio | on of System: | Class | :3 | FEED WATER | SYSTEM | | 3065 |
| 5. | (a) Appl | cable Construction Cod | e <u>: B31.1</u> | Edition: <u>1967</u> Design Specification | | / <u>/A</u> C | ode Case <u>: N/A</u> | |

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N-416-3</u>

6. Identification of Components Repaired or Replaced and Replacement Components

| Name of Component | Name of Manufacturer | Manufacturer Senal No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
|----------------------|---------------------------------|---------------------------|-----------------------|----------------------------|---------------|---|---|
| FE-11242 | Emerson Process Managment | 38169 | N/A | Flow Element Components | 2010 | Installed | N |
| Pipe | Dubose National Energy | 770059 | N/A | 2-FW-152N-44 | 2010 | Installed | N |
| Coupling | Dubose National Energy | 150123 | N/A | 2-FW-152N-44 | 2010 | Installed | N |
| Flange | Dubose National Energy | 131990 | N/A | 2-FW-152N-44 | 2010 | Installed | N . |
| Stud | Nova Machine Products | 258262 | N/A | 2-FW-152N-44 | 2010 | Installed | N |
| Nut | Mackson | HY7241/LWV | N/A | 2-FW-152N-44 | 2010 | Installed | N |

7. Description of Work: Installation of FE-11242 by mechanical and welding.

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 1537092 turnover package

Applicable Manufacturers Data Reports to be attached

| CERTIFICATE OF COMPLIANCE | | | | | | |
|--|--------------------------------|-----------------------|---------------------|--|--|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. | | | | | | |
| Type Code Symbol Stamp N/A | | | | | | |
| Certificate of Authorization No | | | | | | |
| Signed Clath Sanch | ISI ENGINEER | Date | 7/6/2010 | | | |
| Owner | or Owner's Designee, Title | • . | | | | |
| CERTIFICATE C | F INSERVICE INSPECTION | | | | | |
| | | · _ | | | | |
| I, the undersigned, holding a valid commission issued by | the National Board of Boiler a | and Pressure Vessel | Inspectors and the | | | |
| State or Province of <u>North Carolina</u> and | d employed by THE HART | ORD STEAM BOI | LER INSPECTION | | | |
| AND INSURANCE COMPANY of _ HARTFORD, CONN | ECTICUT have inspected the | components descri | bed in this Owner's | | | |
| Report during the period 10/26/2009 to 7/5/2010 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. | | | | | | |
| Fint War | Commissions | NC# 1580 | | | | |
| Inspector's Signature | National Board, Sta | te, Province, and End | lorsements | | | |
| Date: <u>7/6/2010</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Form NIS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | | /ER & LIGHT COMPANY Name | Date | _7/5/2010 |
|----|-----------------------------------|--|---|---------------------------|
| | 411 FAYETTEVILLE ST RA Address | LEIGH NC 27602 | Sheet1 | of2 |
| 2. | Plant H B ROBINSON Name | | Unit: | 2 |
| | | | ESR# N'A | EE'N'A |
| | 3581 WEST Entrance RD; H | ARTSVILLE, SC 29550 | WR.WO-1485921 | CR N'A |
| | Address | | والمتكونة فترقيت ومراد والمستحد المتجري | zation PO No: Job No:etc. |
| 3. | Work Performed by CAROLII | NA POWER & LIGHT COMPANY | Type Code Symbol S | Stamp: N'A |
| | | Name | Authorization No.: | N'A |
| | 3581 WEST ENTRANCE RD | HARTSVILLE, SC 29550 | Expiration Date: | |
| | Address | | | |
| 4 | Identification of System: | Class 1 | REACTOR COOLAN | SYSTEM 2005 |
| 5. | (a) Applicable Constructor | 1 Code <u>B31.1</u> Edition <u>1967</u> Design Specific | | Code Case <u>N'A</u> |
| | (b) Applicable Edition of Sec | tion XI Used for Repair/Replacem | ent Activity: 1995 Edition 1 | 995 Addenda |

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 | ASLIE Code Stamp (Yes or No) |
|----------------------|---------------------------|----------------------------|-----------------------|-------------------------|---------------|---|--|
| Studs | Mackson | N'A | N'A | 1-RC-2501R-94 | 2001 | Removed | N |
| Stud | Nova kláchine Přoducts | 245182 | N'A | 1-RC-2501R-94 | 2010 | Installed | N |
| Nut | Mackson | N'A | N'A | 1-RC-2501R-94 | 2001 | Removed | N |
| Nut | Nova Machine Products | \$69452 | N'A | 1-RC-2501R-94 | 2010 | Installed | N |
| | | | | | · · | | |
| | | | | | | | 1 |

7. Description of Work: Replaced Studs and nuts on Reactor Head Vent piping

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

Other [VT-1] Pressure[N'A] psig Test Temp [N'A] *F

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks See WO 1485921 turnover package

| A | pplicable | Manufacture | irs Oata i | Reports to | be attached |
|---|-----------|-------------|------------|------------|-------------|
| | | | | | |

| CERT | FICATE OF COMPLIANCE | | | | | | |
|--|--|------------------------|---------------------|--|--|--|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI, | | | | | | | |
| Type Code Symbol Stamp | <u>N'A</u> | | | | | | |
| Certificate of Authorization No | <u>N'A</u> | | | | | | |
| signed lat lamb | | Date | 7/52010 | | | | |
| O | mer or Owner's Designee, Tille | | | | | | |
| CERTIFICAT | E OF INSERVICE INSPECTION | | | | | | |
| | · . | | | | | | |
| I, the undersigned, holding a valid commission issued | t by the National Board of Boiler a | ind Pressure Vessel | Inspectors' and the | | | | |
| State or Province of <u>North Carolina</u> | and employed by THE HARTE | ORD STEAM BOIL | ER INSPECTION | | | | |
| AND INSURANCE COMPANY of HARTFORD, CO | NNECTICUT have inspected the | components describ | ed in this Owner's | | | | |
| Report during the period 6/15/2010 | to 7/5/2010 | and state that to | the best of my | | | | |
| knowledge and belief, the Owner has performed e | 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 AS | ME Code, Section XI. | | | | | | |
| | | | | | | | |
| By signing this certificate neither the Inspector or h | is employer makes any warranty | , expressed or implie | ed, concerning the | | | | |
| examinations and corrective measures described in t | this Owner's Report, Furthermore | , neither the Inspecto | r nor his employer | | | | |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with | | | | | | | |
| this inspection. | | | | | | | |
| | • | NO.5 4600 | i | | | | |
| Inspectors Signature | Commissions 1 National Board, Stat | e, Province, and End: | prsements | | | | |
| | | | | | | | |
| Date 7/52010 | | | | | | | |
| | | | | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA P | OWER & LIGHT C | OMPANY | Date: | | 7/5/2010 | |
|--|---------------|--|------------------------|----------------|---------------------------|------------------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., Address | | 602 | Shee | t:1 | of : | 2 |
| 2. | Plant_ | H.B.ROBINSC Name | | | Unit:_ | | .2 | |
| | <u>3581 W</u> | EST Entrance RD Address | | C 29550 | <u>ESR</u> # WR/V | VO:774848 | EE:N/A CR:N/A ition PO No;Job No; | |
| 3. | | erformed by <u>CARC</u> EST ENTRANCE Address | Name RD: HARTSVILLE | | Autho | vization No.: | amp: N/A N/A N/A | |
| 4. 5. | | ation of System: | | | | IARY FEEDWAT | ER SYSTEM Code Case:N/A | 3065 |
| 6. | | plicable Edition of | | or Repair/Repl | | <u>1995 Edition 199</u> Code Ca | | ; _ |
| Name of Compone | | Name of | Manufacturer | National | Other | Year | | |
| compone | nt | Manufacturer | Serial No. | Board No. | Identification | Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Studs | nt | | Serial No. | N/A | Identification AFW-105 | Built 1971 | Replaced, or | Code Stamp (Yes or |
| •••••••••••••••••••••••••••••••••••••• | | Manufacturer | | | | | Replaced, or Replacement | Code Stamp (Yes or No) |
| Studs | | Manufacturer Ebasco Nova Machine | N/A | N/A | AFW-105 | 1971 | Replaced, or Replacement Removed | Code Stamp (Yes or No) N |
| Studs | | Manufacturer Ebasco Nova Machine | N/A | N/A | AFW-105 | 1971 | Replaced, or Replacement Removed | Code Stamp (Yes or No) N |
| Studs | | Manufacturer Ebasco Nova Machine | N/A | N/A | AFW-105 | 1971 | Replaced, or Replacement Removed | Code Stamp (Yes or No) N |
| Studs | | Manufacturer Ebasco Nova Machine | N/A 3008725 | N/A | AFW-105 | 1971 | Replaced, or Replacement Removed | Code Stamp (Yes or No) N |

Other [N/A] Pressure[N/A] psig Test Temp [N/A] °F

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FORM NIS-2 (Back)

Sheet 2_ of 2.

| Remarks: <u>See WO 774848 turnover package.</u> Applicable | Manufacturers Data Reports to be a | ttached |
|---|--|---|
| CE | RTIFICATE OF COMPLIANCE | |
| I certify that the statements made in the report are co | prrect and this conforms to the require | ments of the ASME Code, Section XI. |
| Type Code Symbol Stamp | N/A | ************************************** |
| Certificate of Authorization No | N/A | 1194 - 4 |
| Signedat t Sande | ISI ENGINEER Owner or Owner's Designee, Title | Date7/5/2010_, |
| CERTIFIC | CATE OF INSERVICE INSPECTION | 1 |
| I, the undersigned, holding a valid commission iss | sued by the National Board of Boiler | and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BOILER INSPECTION |
| AND INSURANCE COMPANY of _ HARTFORD. | CONNECTICUT have inspected the | e components described in this Owner's |
| Report during the period 6/15/2010 | to7/5/2010 | _and state that to the best of my |
| knowledge and belief, the Owner has performe | d examinations and taken correctiv | ve measures described in this Owner's |
| Report in accordance with the requirements of the | SASME Code, Section XI. | |
| By signing this certificate neither the Inspector of | or his employer makes any warrant | y, expressed or implied, concerning the |
| examinations and corrective measures described | | |
| shall be liable in any manner for any personal inj | ury or property damage or a loss of | any kind arising from or connected with |
| this inspection. | | |
| Inspector's Signature | Commissions National Board, Sta | NC# 1580 ate, Province, and Endorsements |
| Date: 7/5/2010 | | |
| | <u></u> | |

7.

. 8.

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| | • | | | | | | | |
|--------------------------------------|--|--|--|---|--|--|---|--|
| . O | wner <u>CAROLINA F</u> | OWER & LIGHT | COMPANY | Date | e: | | 7/5/2010 | |
| 41 | 1 FAYETTEVILLE ST. Addres | | 7602 | She | et: | 1 | of | 2 |
| . PI | ant <u>H.B.ROBINS</u> Name | ON | | Unit | : | | 2 | |
| | · · · · · · | | | ESF | <u> #:N/A</u> | | EE:N | 1/A |
| <u>35</u> | 81 WEST Entrance RE | | SC 29550 | WR | <u> WO:14</u> | 07386 | CR:2 | 287401 |
| | Addres | S | | | Repa | air Organiz | ation PO No; Job | No;etc. |
| . W | ork Performed by CAR | OLINA POWER & Name | LIGHT COMP | | e Code | Symbol S | tamp:N | 1/A |
| 35 | 81 WEST ENTRANCE | | E SC 29550 | | iration [| Dn No.: | N | <u>I/A</u> |
| | Addres | | 2,0020000 | CAP | | Jaie | · · · | |
| . Id | entification of System:_ | Cli | ass:3 | CHEI | MICAL / | AND VOL | UME CONTROI | SYSTEM2 |
| | • | | | | | | · · · · · | |
| · · · · |) Applicable Construct) Applicable Edition of | | Design Sp | pecification: <u>C</u> | | CX-M-0001 Edition 19 | Code Case <u>: N</u> 1 1996 Addenda | • |
| (b |) Applicable Edition of | Section XI Used f | Design Sp for Repair/Repl | pecification: <u>C</u> acement Activit | PL-XXX y: <u>1995</u> | X-M-0001 Edition 19 Code Ca | Code Case <u>:N</u> | • |
| (b | · · · · | Section XI Used f | Design Sp for Repair/Repl | pecification: <u>C</u> acement Activit | PL-XXX y: <u>1995</u> | X-M-0001 Edition 19 Code Ca | Code Case <u>:N</u> 996 Addenda | I/A ASME Code Stamp |
| (b Idi Ime of Imponent |) Applicable Edition of entification of Compone | Section XI Used f | Design Sp for Repair/Repl eplaced and R National | ecification: <u>C</u> acement Activit eplacement Cor Other | PL-XXX y: <u>1995</u> nponen | <u>Edition 19</u> Code Ca ts Year | Code Case <u>: N</u> 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or | I/A ASME Code Stamp (Yes c |
| (b Ide |) Applicable Edition of entification of Compone Name of Manufacturer | Section XI Used f nts Repaired or R Manufacturer Serial No. | Design Sp for Repair/Repl eplaced and R National Board No. | ecification: <u>C</u> acement Activit eplacement Cor Other Identification | PL-XXX y: <u>1995</u> nponen | X-M-0001 Edition 19 Code Ca ts Year Built | Code Case <u>:N</u> 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement | I/A ASME Code Stamp (Yes c No) |
| (b Ide Imponent |) Applicable Edition of entification of Compone Name of Manufacturer Maintenance | Section XI Used f nts Repaired or R Manufacturer Serial No. | Design Sp for Repair/Repl eplaced and R National Board No. | ecification: <u>C</u> acement Activit eplacement Cor Other Identification A-BA-TNK-H A | PL-XXX y: <u>1995</u> nponen ITR- | X-M-0001 Edition 19 Code Ca ts Year Built | Code Case <u>:N</u> 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Replacement | I/A ASME Code Stamp (Yes c No) N |
| (b Ide me of mponent olt |) Applicable Edition of entification of Compone Name of Manufacturer Maintenance Mackson | Section XI Used for the section XI Used for the section XI Used for the section of the section o | Design Sp for Repair/Repl eplaced and R National Board No. N/A | ecification: <u>C</u> acement Activit eplacement Cor Other Identification A-BA-TNK-H A A-BA-TNK-H | PL-XXX y: <u>1995</u> nponen ITR- ITR- | X-M-0001 Edition 19 Code Ca ts Year Built 1971 2010 | Code Case <u>:N</u> 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Replacement Installed | I/A ASME Code Stamp (Yes c No) N N |
| (b ide imporent olt olt |) Applicable Edition of entification of Compone Name of Manufacturer Maintenance Mackson Maintenance Nova Machine Products | Section XI Used for the section XI Used for the sector of | Design Sp for Repair/Repl eplaced and R National Board No. N/A N/A | ecification: <u>C</u> acement Activit eplacement Cor Other Identification A-BA-TNK-H A A-BA-TNK-H A | PL-XXX y: <u>1995</u> nponen ITR- ITR- ITR- | X-M-0001 Edition 15 Code Ca ts Year Built 1971 2010 1971 | Code Case <u>:N</u> 296 Addenda ase: <u>N/A</u> Repaired, Replaced, or Replacement Removed Installed Removed | I/A ASME Code Stamp (Yes c No) N N N |

Description of Work: Weld build-up of flange raised face due to wastage/Replace Bolting

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

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

1990 EDITION 1990 MODENDS SECTION XI DIVISION 1

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FORM NIS-2 (Back)

Sheet 2 of 2

| Remarks: See WO 1407386 turnover package | |
|--|--|
| Applicable Mar | nufacturers Data Reports to be attached |
| | |
| CERTI | FICATE OF COMPLIANCE |
| I certify that the statements made in the report are correct | ct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp | N/A |
| Certificate of Authorization No | N/A |
| Signed 6 off Sanah | ISI ENGINEER Date 7/5/2010 |
| О м | vner or Owner's Designee, Title |
| CERTIFICAT | |
| | |
| | |
| I, the undersigned, holding a valid commission issued | by the National Board of Boiler and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HARTFORD STEAM BOILER INSPECTION |
| AND INSURANCE COMPANY of _ HARTFORD, CO | <u>NNECTICUT</u> have inspected the components described in this Owner's |
| Report during the period 5/18/2010 | to |
| knowledge and belief, the Owner has performed e | xaminations and taken corrective measures described in this Owner's |
| Report in accordance with the requirements of the AS | SME Code, Section XI. |
| | |
| By signing this certificate neither the Inspector or hi | is employer makes any warranty, expressed or implied, concerning the |
| examinations and corrective measures described in t | 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. | |
| | |
| - two | Commissions NC# 1580 |
| Inspector's Signature | National Board, State, Province, and Endorsements |
| Data: 7/5/2010 | |
| Date: <u>7/5/2010</u> | |
| | |
| | |

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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| (a) Applicable Construction Code: ASME Sect. III Design Specification: 1974 Addenda:N/A Design Specification: 5379-1209 Code Case: N/A Code Case: N/A (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Year Repaired, code Case: N/A ASME Code Case: N/A me of mponent Name of Manufacturer Serial No. National Board No. Other Identification Year Repaired, code Case: N/A ASME Code Case: N/A alve disc Crane N/A N/A SI-890 1971 Removed N | | Owner <u>CAROLINA F</u> | OWER & LIGHT (Name | COMPANY | Da | te: | 7/5/2010 | |
|--|----------------------------|--|---|--|---|--|--|--------------------------------------|
| Name ESR#:N/A EE:N/A 3581 WEST Entrance RD; HARTSVILLE, SC 29550 WR/W0:766723 CR:N/A Address Repair Organization PO No;Job No;etc. Work Performed by CAROLINA POWER & LIGHT COMPANY Name Type Code Symbol Starmp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 SAFETY INJECTION SYSTEM 2080 Address Via Address N/A Expiration Date: N/A Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Edition: 1974 Addrenda: N/A Code Case: Design Specification: 5379-1209 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Manufacturer National Board No. Other Identification Year Repaired, Replaced, or Replacement ASME Code Starmp (No) alve disc Crane N/A N/A SI-890 1971 Removed N | | | | 602 | Sh | eet:1_ | of | 2 |
| 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address WR/WO:766723 CR:N/A Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name Type Code Symbol Stamp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Type Code Symbol Stamp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Design Specification: 1974 5379-1209 Addreda: Code Case: (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Manufacturer National Board No. Other Identification Year Repaired, Replaced, or Replaced, Stamp Replacement ASME Code Stamp Replacement Asme Code No) | | | NC. | | Uņ | it: | 22 | |
| Repair Organization PO No;Job No;etc. Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name Type Code Symbol Stamp: N/A 3581-WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Authorization No.: N/A 3581-WEST ENTRANCE RD; HARTSVILLE, SC 29550 SAFETY INJECTION SYSTEM 2080 Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Edition: 1974 AddredataN/A Code Case; (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Manufacturer National Board No. Other Identification Year Built Repaired, Replaced, Code Stamp (Yes or Replacement ASME Stamp (Yes or No;) ASME Or Asit Identification N/A N/A SI-890 1971 Removed N | | | | 0.00550 | | | | |
| Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name Type Code Symbol Stamp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Type Code Symbol Stamp: N/A Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Edition: 1974 Addrenda;N/A Code Case: (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Year Repaired, Replaced, or Replaced, No) AsME Code Stamp Identification Name of Manufacturer National Board No. Other Identification Year Built Repaired, Replaced, or Replacement AsME Code Stamp alve disc Crane N/A N/A SI-890 1971 Removed N | | | | <u>C 29550</u> | W | | | |
| Name Authorization No.: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A Address Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Edition: 1974 Addenda:N/A Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Manufacturer National Other Built Repaired, or Replaced, or Replaced, or Replaced No. Code Case: Code Case: Stamp Code Stamp alve disc Crane N/A N/A SI-890 1971 Removed N | | | | | | | | |
| 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Expiration Date: N/A Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Edition: 1974 Addenda;N/A Code Case; Design Specification: 5379-1209 Code Case; Code Case; Code Case; N/A (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Manufacturer National Board No. Other Identification Year Repaired, Replaced, or Replaced, or Replacement ASME Code Stamp (Yes o No) alve disc Crane N/A N/A SI-890 1971 Removed N | | Work Performed by CAR | | LIGHT COMP | ANY IV | pe Code Symbo | i Stamp: <u>N/</u> N/ | /Α /Δ |
| Address Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080 (a) Applicable Construction Code: ASME Sect. III Edition: 1974 Addrenda:N/A Code Case: Design Specification: 5379-1209 Code Case: Code Case: Code Case: N/A Code Case: Cod | | 3581 WEST ENTRANCE | | E, SC 29550 | Ex | piration Date: | N/ | /A |
| (a) Applicable Construction Code: ASME Sect. III Design Specification: 1974 Addenda:N/A Design Specification: 5379-1209 Code Case: N/A Code Case: N/A (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Name of Manufacturer Serial No. National Board No. Other Identification Year Built Repaired, Replaced, or Stamp (Yes o No) Code Case: No) alve disc Crane N/A N/A SI-890 1971 Removed N | | Addres | 5 | | | | | |
| (a) Applicable Construction Code: ASME Sect. III Design Specification: 1974 Addenda:N/A Design Specification: 5379-1209 Code Case: N/A Code Case: N/A Code Case: N/A (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Repaired, Code Case: N/A ne of nponent Name of Manufacturer Serial No. National Board No. Other Identification Year Built Repaired, Code Case: Code Case: N/A ilve disc Crane N/A N/A SI-890 1971 Removed N | | Identification of System: | Cla | ass:2 | SAF | ETY INJECTIO | N SYSTEM | 2080 |
| Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components ne of nponent Name of Manufacturer Manufacturer Serial No. National Board No. Other Identification Year Built Repaired, Replaced, or Replaced, or Replacement ASME Code Case: N/A Identification Name of Manufacturer National Board No. Other Identification Year Built Repaired, Replaced, or Replaced, or Replacement Code Stamp Replacement Year No. No. Stamp Replacement No. Idve disc Crane N/A N/A SI-890 1971 Removed N | | 1. | | E Sect. III | Edition: | 1974 Adden | , ' | |
| ne of mponent Name of Manufacturer Serial No. National Board No. Other Identification Year Built Replaced, or Replaced, or Replacement (Yes o No) alve disc Crane N/A N/A SI-890 1971 Removed N | | | | | · . | | | |
| Inponent Manufacturer Serial No. Board No. Identification Built Replaced, or Replaced, or Replacement Code Stamp (Yes or No) alve disc Crane N/A N/A SI-890 1971 Removed N | | (b) Applicable Edition of | Section XI Used f | or Repair/Repl | • | ity: <u>1995 Editior</u> Code | <u>1996 Addenda</u> Case: <u>N/A</u> | |
| alve disc Crane N/A N/A SI-890 1971 Removed N | | · · | | × | acement Activ | Code | <u>a 1996 Addenda</u> case: <u>N/A</u> | |
| | ime of | Identification of Compone | nts Repaired or R | eplaced and R | acement Activ | Code | r Repaired, t Replaced, or | |
| alve Disc. Crane 607113 N/A SI-890A 2010 Installed N | ne of | Identification of Compone | nts Repaired or R | eplaced and R | acement Activ | Code | r Repaired, t Replaced, or | Code Stamp (Yes or |
| | ne of nponen | Identification of Compone Name of Manufacturer | nts Repaired or R Manufacturer Serial No. | eplaced and R National Board No. | acement Activ eplacement Co Other Identification | Code omponents Yea Buit | r Repaired, t Replaced, or Replacement | Code Stamp (Yes or No) |
| | ie of iponen Ive dis | Identification of Component Name of Manufacturer | nts Repaired or R Manufacturer Serial No. | eplaced and R National Board No. | acement Activ eplacement Co Other Identification | Code omponents Yea Buil 1971 | r Case: <u>N/A</u> r Repaired, Replaced, or Replacement Removed | Code Stamp (Yes or No) N |

7. Description of Work: <u>Replaced Valve Disc</u>

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

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

FORM NIS-2 (Back)

Sheet 2 of 2

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| Applicable | Manufacturers D | ata Reports to be a | ttached | |
|--|---------------------|-------------------------------------|------------------------------------|--------------------|
| CE | RTIFICATE OF CO | OMPLIANCE | | |
| certify that the statements made in the report are c | orrect and this con | forms to the requirer | ments of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | | N/A | | |
| Certificate of Authorization No | <u></u> | N/A | | · |
| signed_ Clath Sanda | ISI | | Date | 7/5/2010 |
| | Owner or Owner's | s Designee, Title | · · · · · | · |
| CERTIFI | CATE OF INSER | VICE INSPECTION | | |
| , the undersigned, holding a valid commission is | sued by the Natio | nal Board of Boiler | and Pressure Vesse | I Inspectors and t |
| State or Province of <u>North Carolina</u> | and employe | d by THE HART | FORD STEAM BOI | LER INSPECTIC |
| AND INSURANCE COMPANY of HARTFORD | CONNECTICUT | have inspected the | e components descri | bed in this Owne |
| Report during the period5/5/2010t | o <u>7/5/2010</u> | and state | e that to the best of | my knowledge a |
| pelief, the Owner has performed examinations an | | | | |
| with the requirements of the ASME Code, Section |) XI. | | | |
| | | | • | |
| By signing this certificate neither the Inspector | or his employer n | nakes any warrant | y, expressed or impl | ied, concerning t |
| examinations and corrective measures described | in this Owner's F | Report. Furthermore | e, neither the Inspect | or nor his employ |
| shall be liable in any manner for any personal in | ury or property da | amage or a loss of | any kind arising from | n or connected w |
| his inspection. | | | · · · | |
| Inspector's signature | | _Commissions National Board, Sta | NC# 1580 ate, Province, and End | lorsements |
| Date: 7/5/2010 | , , | | | |
| | | | | |
| | <u></u> | | | = <u></u> |
| | | | | |
| | | | | 10-031 |
| | | | | |
| | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA P | <u>OWER & LIGHT (</u> Name | COMPANY | | Date: | | 8/19/2010 | |
|--------------------|---------------|--|-----------------------------------|-----------------------------|--------------------------|--|-----------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., Address | | 602 | | Sheet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSC | <u>N</u> | | | Unit: | | 2 | |
| • | <u>3581 V</u> | VEST Entrance RD Address | | <u>C 29550</u> | | <u>ESR#:722</u> <u>WR/WO:1</u> Rej | 530166 | EE:N/A CR:N/A tion PO No;Job No | |
| 3. | | Performed by <u>CARC</u> VEST ENTRANCE Address | Name RD: HARTSVILLE | | ANY | Authorizat | ion No.: | amp: <u>N/A</u> N/A N/A | |
| 4. | Identifi | cation of System: | Cla | ass:1 | <u></u> | SAFETY IN | JECTION S | YSTEM | 2080 |
| 5. | (b) Ar | Applicable Constructory opticable Edition of cation of Component | Section XI Used f | Design Sp or Repair/Repl | ecificatior acement A | | 5 Edition 199 Code Ca | | |
| Name of Compone | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other | | Year. ⁴ Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Valve | | Velan | N/A | N/A | SI-866 | B | 1971 | Removed | N |
| Valve | | Velan | MMZHR1 | N/A | SI-866 | В | 2010 | Installed | N |
| - <u></u> | | | | | - | | | | |
| <u> </u> | | | | | | | | | |
| 7. | | ntion of Work: <u>Repl</u> onder | | | | ressure () | | | |

Other [VT-2] Pressure[2465/2250] psig Test Temp.[Ambient] °F

FORM NIS-2 (Back)

Sheet 2 of 2

| Applicable Manufacturers Data Reports to be attached CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp | Remarks: See WO 1530166 turnover package. One side class 1 weld and other side Class 2 weld |
|--|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp | Applicable Manufacturers Data Reports to be attached |
| Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Orf Janual ISI ENGINEER Date 8/19/2010 Signed Orf Owner or Owner's Designee, Title Date 8/19/2010 Owner or Owner's Designee, Title CERTIFICATE 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 and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of and employed by and employed by inspected the components described in this Owner's Report during the period 10/13/2009 to | CERTIFICATE OF COMPLIANCE |
| Certificate of Authorization No. N/A Signed Orf Starsh ISI ENGINEER Date 8/19/2010 Signed Owner or Owner's Designee, Title Date 8/19/2010 Owner or Owner's Designee, Title CERTIFICATE 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 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 10/13/2009 to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of 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 | I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Signed John Johnson ISI ENGINEER Date 8/19/2010 Owner or Owner's Designee, Title Owner or Owner's Designee, Title CERTIFICATE 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 north 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 10/13/2009 to 7/2/2010 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 | Type Code Symbol Stamp |
| Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>10/13/2009</u> to <u>7/2/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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</u> | Certificate of Authorization NoN/A |
| CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>10/13/2009</u> to <u>7/2/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 | Signed John Sanch ISI ENGINEER Date 8/19/2010, |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY of HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>10/13/2009</u> to <u>7/2/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 | Owner or Owner's Designee, Title |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>10/13/2009</u> to <u>7/2/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 | CERTIFICATE OF INSERVICE INSPECTION |
| State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>10/13/2009</u> to <u>7/2/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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 | |
| AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period10/13/2009 to7/2/2010and 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 | I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the |
| Report during the period 10/13/2009 to 7/2/2010 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 | State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER INSPECTION |
| 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 | AND INSURANCE COMPANY of _ HARTFORD, CONNECTICUT have inspected the components 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 | Report during the period 10/13/2009 to 7/2/2010 and state that to the best of my |
| 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 | knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's |
| 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 | Report in accordance with the requirements of the ASME Code, Section XI. |
| 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 | |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with | 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 |
| this inspection. | shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with |
| \sim | this inspection. |
| F19() | +10 |
| Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements | |
| | |
| Date: 8/19/2010 | Date: 8/19/2010 |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Öwner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | Date: | | 7/2/2010 | |
|--------------------|---------------|--|----------------------------|--------------------------------|----------------------------------|---|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | | 02 | Sheet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSON Name | 1 | | Unit: | | 2 | |
| | <u>3581 W</u> | /EST Entrance RD;-/ Address | HARTSVILLE, SC | 29550 | | :1531176 | EE:N/A CR:N/A tion PO No;Job No | |
| 3. | | erformed by <u>CAROL</u> | Name | _ | Authoriz | de Symbol Sta ation No.: on Date: | mp: <u>N/A</u> N/A N/A | |
| • . | <u></u> | Address | <u>orranti orranti</u> | 00 20000 | Lophan | | | <u></u> |
| 4 | Identific | cation of System: | Clas | s:2 | HYDROG | SEN RECOMBI | NER SYSTEM | 2075 |
| 5. | (a) A | pplicable Construction | on Code <u>: B31.1</u> | Edition <u>:</u> Design Spe | 1967 Adder ecification: 67628 | nda <u>:N/A</u> <u>}1</u> | Code Case <u>:N/A</u> | |
| 6. | | plicable Edition of Society of Society of Society of Component | · . | • | | Code Cas | 9 <u>6 Addenda</u> se: <u>N-416-3</u> | |
| Name of Compone | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| 3" Valve | e | ПТ | N/A | N/A | V12-15 | 1971 | Removed | N |
| Valve | | ITT | 812675-001- 003 | N/A | V12-15 | 2010 | Installed | N |
| Support | t | Maintenance | N/A | N/A | SS-3092 | 2010 | Installed | N . |
| | | | | A | | | | |
| | | | | | | | | |
| | | | | | | | | |

7. Description of Work: Valve replacement and support modification

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2

| emarks: <u>See WO 1531176 turnover pack</u> A | pplicable Manufacturers I | Data Reports to be a | ttached | |
|--|------------------------------|-----------------------|------------------------|---------------------------------------|
| | CERTIFICATE OF (| COMPLIANCE | | en di in on o |
| I certify that the statements made in the rep | port are correct and this co | nforms to the require | ments of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | <u></u> | N/A | . <u> </u> | |
| Certificate of Authorization No. | | N/A | | - 1 |
| Signed Jath Janh | I\$ | | Date | 7/2/2010 |
| | | r's Designee, Title | | |
| <u>,</u> | CERTIFICATE OF INSER | | <u> </u> | · · · · · · · · · · · · · · · · · · · |
| | | | | |
| I, the undersigned, holding a valid comm | ission issued by the Nati | onal Board of Boiler | and Pressure Vesse | I inspectors and the |
| State or Province of <u>North Carolina</u> | and employ | ved by THE HART | FORD STEAM BO | LER INSPECTION |
| AND INSURANCE COMPANY of HAP | TFORD, CONNECTICU | Thave inspected the | e components descri | bed in this Owner |
| Report during the period <u>11/8/2009</u> | • | | | |
| knowledge and belief, the Owner has | | | | |
| Report in accordance with the requireme | · · | | • | |
| | | | | |
| By signing this certificate neither the In | spector or his employer | makes any warrant | y, expressed or imp | lied, concerning th |
| examinations and corrective measures of | | - | • | |
| shall be liable in any manner for any pe | | | | |
| this inspection. | | | | |
| | | | | |
| - Smithen | | Commissions | NC# 1580 | - <u></u> . |
| Inspector's Signature | | National Board, St | ate, Province, and End | orsements |
| Date: 7/2/2010 | | | | |
| | | | • • | |
| | | | | |

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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | Date: | 7/2/2010 |
|-----------------|--|---|---|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet:1 | of2 |
| [.] 2. | Plant <u>H.B.ROBINSON</u> Name | Unit: | _2 |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | ESR#:N/A WR/WO:1672700 Repair Organizati | EE:N/A CR:370603 on PO No;Job No;etc. |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address | Type Code Symbol Star Authorization No.: Expiration Date: | N/A |
| 4. | Identification of System: Class:3 | CHEMICAL AND VOLUM | E CONTROL SYSTEM2060 |
| 5. . | (a) Applicable Construction Code: <u>B31.1</u> Edition: <u>1967</u> Design Specification | Addenda <u>:N/A</u> n: <u>CPL-HBR2-M-047</u> | Code Case <u>.N-416-3</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement A | Activity: <u>1995 Edition 1996</u> Code Case | |
| 6. | Identification of Components Repaired or Replaced and Replaceme | nt Components | · |

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Yèar Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
|----------------------|---------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Pipe | Ebasco | N/A | N/A | 2-CH-151R-75 | 1971 | Removed | N |
| Pipe | Dubose National Energy | 500878 | N/A | 2-CH-151R-75 | 2010 | Installed | N |
| Pipe | Dubose National Energy | 06A7230 | N/A | 2-CH-151R-75 | 2010 | Installed | N |
| Coupling | Dubose National Energy | BIL | N/A | 2-CH-151R-75 | 2010 | Installed | N |
| | | | | <u> </u> | | | |

7. Description of Work: <u>Replace section of 2-CH-151R-75 due to thru wall leak</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Remarks: See WO 1672700 turnover package

Applicable Manufacturers Data Reports to be attached

| CERTIFICATE OF COMPLIANCE |
|--|
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp N/A |
| Certificate of Authorization NoN/A |
| Signed Date Date 7/2/2010_ |
| 2 Owner or Owner's Designee, Title |
| CERTIFICATE OF INSERVICE INSPECTION |
| |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER INSPECTION |
| AND INSURANCE COMPANY_ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's |
| Report during the period <u>3/3/2010</u> to <u>7/2/2010</u> and state that to the best of my knowledge and |
| belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance |
| with the requirements of the ASME Code, Section XI. |
| |
| By signing this certificate neither the Inspector 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. |
| Commissions NC# 1580 |
| Inspector's Signature National Board, State, Province, and Endorsements |
| Date: 7/2/2010 |
| |
| |

10-028

Sheet 2 of 2.

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT C | OMPANY | | Date: | | 7/27/2010 | · |
|--------------------------|---------------------------------------|--|--|------------------------------|--------------------|---|---------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | Name ALEIGH, NC 270 | 602 | | Sheet: | . 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSOI Name | N | | • | | | 2 | |
| | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, S | C 29550 | | | <u>440710-22</u> | EE:N/A CR:N/A tion PO No;Job No | |
| 3. | Name | | | | | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | |
| 4. | Identifie | cation of System: | Cla | ss:1 | | CHEMICAL | AND VOLU | ME CONTROL S | YSTEM2060 |
| 5. | (b) Ap | opplicable Constructi | ection XI Used fo | Design Sp or Repair/Repla | ecificatior | Activity: <u>199</u> | 5 Edition 199 Code Cas | Code Case <u>:N/A</u> 96 Addenda se: <u>N 416-3</u> | |
| 6. Name of Compone | | cation of Component Name of Manufacturer | s Repaired or Re Manufacturer Serial No. | National Board No. | other Identific | | nts Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Piping | · · · · · · · · · · · · · · · · · · · | Ebasco | N/A | N/A | 2-CH-2 | 2501R-9A | 1971 | Removed | N |
| Weld | | Maintenance | N/A | N/A | 2-CH-2 | 2502R-9A | 2010 | Installed | N |
| · · · | <u></u> | | | | · . | | <u> </u> | | |
| | | · · | | · · · | | <u>.</u> | | | |
| | | | | | | | • | | |

7. Description of Work: Cut piping welds to facilitate RC Pump C activities

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Form NIS2

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See 1440410 turnover package Apolic | cable Manufacturers Data Reports to be atta | ached | |
|--|--|----------------------|----------------------|
| | | | |
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report | are correct and this conforms to the requirement | ents of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | | |
| Signed (ath Sanch | | Date | 7/27/2010 |
| | Owner or Owner's Designee, Title | | |
| CER | RTIFICATE OF INSERVICE INSPECTION | | |
| | м. М | | |
| I, the undersigned, holding a valid commission | on issued by the National Board of Boiler ar | nd Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HARTF(| ORD STEAM BOI | LER INSPECTION |
| AND INSURANCE COMPANY ofHARTFO | ORD, CONNECTICUT have inspected the | components descri | bed in this Owner's |
| Report during the period 4/22/2010 | to7/27/2010 | and state | that to the best of |
| my knowledge and belief, the Owner has pe | erformed examinations and taken correctiv | e measures descri | bed in this Owner's |
| Report in accordance with the requirements | of the ASME Code, Section XI. | | |
| | · | | |
| By signing this certificate neither the Inspec | ctor or his employer makes any warranty, | expressed or impl | ied, concerning the |
| examinations and corrective measures desc | ribed in this Owner's Report. Furthermore, | neither the Inspect | or nor his employer |
| shall be liable in any manner for any person | nal injury or property damage or a loss of a | ny kind arising fror | n or connected with |
| this inspection. | | | |
| ₹ 4 1.0. (·) | Commissions | IC# 1580 | |
| Inspector's Signature | National Board, State | | lorsements |
| | | | |
| Date:7/27/2010 | | | |
| | | | |
| <u></u> | | | <u></u> |
| | | | 10-027 |
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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | | | | | 9: | | 7/27/2010 | | |
|---------------------|--|--|----------------------------|-----------------------|---|--|---------------|---|---|--|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | She | et: | 1 | of | 2 | |
| 2. | Plant _ | H.B.ROBINSON Name | 1 | | | | | 2 | | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | | | ESR#:N/A EE:N/A WR/WO: 1440710-18 CR:N/A Repair Organization PO No; Job No; etc. | | | | |
| 3. | | erformed by <u>CAROL</u> / <u>EST ENTRANCE R</u> Address | Name | Auti | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | | | |
| 4. | Identific | cation of System: | Clas | <u>s:1</u> | CHE | MICAL | AND VOLU | ME CONTROL SY | (STEM2060 | |
| 5. | Design Specification: N/A (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N 416-3 | | | | | | | | | |
| Name of Componei | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | |
| Piping | | Ebasco | N/A | N/A | 2-CH-2501F | R-8A | 1971 | Removed | N | |
| Weld | | Maintenance | N/A | N/A | 2-CH-2502F | R-8A | 2010 | Installed | N | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | <u> </u> | | | | | | |
| | | | | | | | | | | |

7. Description of Work: Cut piping welds to facilitate RC Pump C activities

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See 1440410 turnover package | | · · · · · · · · · · · · · · · · · · · |
|--|----------------------------------|--|
| Applicab | ble Manufacturers Data Reports | s to be attached |
| n an an | | |
| | CERTIFICATE OF COMPLIANC | E |
| I certify that the statements made in the report are | correct and this conforms to the | e requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp | N/A | |
| Certificate of Authorization No | N/A | |
| Signed Cath Samp | ISI ENGINEER | RDate7/27/2010_, |
| | Owner or Owner's Designee, | , Title |
| CERTI | FICATE OF INSERVICE INSP | ECTION |
| | · . | |
| I the undersigned, holding a valid commission | issued by the National Board (| of Boiler and Pressure Vessel Inspectors and the |
| | | E HARTFORD STEAM BOILER INSPECTION |
| | | ected the components described in this Owner's |
| · · · | · · · | |
| Report during the period 5/11/2010 | to7/27/2010 | and state that to the best of |
| my knowledge and belief, the Owner has perfe | ormed examinations and taker | n 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 Inspecto | or or his employer makes any | warranty, expressed or implied, concerning the |
| examinations and corrective measures describ | ed in this Owner's Report. Fur | thermore, neither the Inspector nor his employer |
| shall be liable in any manner for any personal | injury or property damage or a | a loss of any kind arising from or connected with |
| this inspection. | | |
| | | |
| - Ent Winch | Commiss | ions <u>NC# 1580</u> Board, State, Province, and Endorsements |
| Inspector's Signature | National B | DUALU, SLALE, FILINILLE, AND EILUUISEMENIS |
| Date: 7/27/2010 | | |
| | | |
| | | |
| | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | | | | | x | | | | |
|-----------------------|--|--|--|------------------------|---------------------|---|---------------|---|---|
| 1. . | Öwner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | | Date: | | 8/19/2010 | |
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | | Sheet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSON Name | 1 | | | Unit: | | 2 | |
| | <u>3581 M</u> | /EST Entrance RD; Address | HARTSVILLE, SC | 29550 | | | 530171 | EE:N/A CR:N/A ion PO No;Job No | |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address | | | | <u>NY</u> | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | |
| . ¹ | <u>3581 V</u> | | D; HARTSVILLE, | <u>SC 29550</u> | | Expiration | Date: | N/A | |
| 4. | Identific | cation of System: | Clas | s:1 | | SAFETY IN | JECTION S | (STEM | 2080 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B 31.1</u> | Edition: Design Spe | | | a <u>:N/A</u> | Code Case <u>:N/A</u> | , , |
| 6 | | plicable Edition of S cation of Component | | , | | | Code Cas | | |
| Name of Compone | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Valve | | Velan | N/A | N/A | SI-866/ | À | 1971 | Removed | N |
| Valve | | Velan | MMZEL2 | N/A | SI-866/ | A | 2010 | Installed | N |
| | | · · · · · · · · · · · · · · · · · · · | ······································ | | | | | | |
| · · · · · · · · · · · | <u></u> | <u></u> | | | | | | | |
| | | | | | | | | | |
| | | | | <u> </u> | | | 1 | | |

7. Description of Work: Replaced valve SI-866A and Hydro Welds

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

Other [VT-2] Pressure[2465/2250] psig Test Temp.[Ambient] °F

FORM NIS-2 (Back)

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Sheet 2 of 2.

| Remarks: See WO 1530171 turnover package. One side class 1 weld and other side class 2 weld. | | | | | | | | |
|--|--|-------------------------------|-------------------|--|--|--|--|--|
| Applicable Manufacturers Dat | Applicable Manufacturers Data Reports to be attached | | | | | | | |
| CERTIFICATE OF CO | MPLIANCE | | · · · | | | | | |
| I certify that the statements made in the report are correct and this confo | rms to the requirement | its of the ASME Cod | e, Section XI. | | | | | |
| Type Code Symbol Stamp | N/A | ····· | | | | | | |
| Certificate of Authorization No | N/A | | | | | | | |
| Signed (at h Sanch ISIE | NGINEER | Date | 8/19/2010 | | | | | |
| Owner or Owner's | Designee, Title | | | | | | | |
| | CE INSPECTION | | | | | | | |
| | | | | | | | | |
| I, the undersigned, holding a valid commission issued by the Nationa | al Board of Boiler and | Pressure Vessel I | nspectors and the | | | | | |
| State or Province of <u>North Carolina</u> and employed | by THE HARTFO | RD STEAM BOILI | ER INSPECTION | | | | | |
| AND INSURANCE COMPANY_of_ HARTFORD, CONNECTICUT h | • | | . 1 | | | | | |
| Report during the period10/13/2009 to7 | | | | | | | | |
| knowledge and belief, the Owner has performed examinations ar | d taken corrective r | neasures describe | d in this Owner's | | | | | |
| Report in accordance with the requirements of the ASME Code, Sec | tion XI. | | | | | | | |
| | | | | | | | | |
| By signing this certificate neither the Inspector or his employer ma | akes any warranty, e | expressed or implie | d, concerning the | | | | | |
| examinations and corrective measures described in this Owner's Re | eport. Furthermore, n | either the Inspector | nor his employer | | | | | |
| shall be liable in any manner for any personal injury or property dar | mage or a loss of an | y kind arising from | or connected with | | | | | |
| this inspection. | | | | | | | | |
| Live | | | | | | | | |
| | Commissions <u>NC</u> National Board, State, | # 1580 Province, and Endor | rsements | | | | | |
| | | | | | | | | |
| Date: 8/19/2010 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| 1. | Owner | CAROLINA PO | WER & LIGHT (| COMPANY | | Date: | | 7/2/2010 | |
|----------------------------------|--|--|----------------------------|-----------------------|-----------------|-------------------------|-------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., F Address | Name ALEIGH, NC 27 | 602 | | Sheet: | <u> </u> | of | 2 |
| 2. | Plant _ | H.B.ROBINSO Name | <u>N</u> | | | | | 2 | |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | | | | | | 728243 | EE:N/A CR:N/A ation PO No;Job No | |
| 3. | Work Performed by CAROLINA POWER & LIGHT COMPANY Name | | | | | Type Code Authorizat | e Symbol St ion No.: | amp: <u>N/A</u> N/A | |
| | 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address | | | | | Expiration | Date: | N/A | |
| 4. | Identific | cation of System: | <u> </u> | ss:2 | | CHEMICAL | AND VOLU | JME CONTROL SY | (STEM2060 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B31.1</u> | | | Addend | | Code Case <u>:N/A</u> | |
| | | plicable Edition of S cation of Component | | | | | Code Ca | <u>96 Addenda</u> se: <u>N-513-2</u> | |
| <u>6.</u> Name of Componer | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Piping | 1 1 | Ebasco | N/A | N/A | 4-CH-1 | 51R-47 | 1971 | Removed | N |
| Pipe | | CE Tubes Inc | L41567 | N/A | 4-CH-1 | 51R-47 | 2010 | Installed | N |
| Flange | | Ebasco | N/A | N/A | 4-CH-1 | 51R-47 | 1971 | Removed | N |
| Flange | | Dubose National Energy | 241964 | N/A | 4-CH-1 | 51R-47 | 2010 | Installed | N |
| | | | | | | | | | |
| 7. | Descrip | otion of Work: <u>Repla</u> | ce CVC-121D by | cutting out 4- | <u>CH-151R-</u> | <u>47</u> | | · | |

8.

Test Conducted: Hydrostatic [X] Pneumatic [-] Nominal Operating Pressure [-]

Other [VT-2] Pressure[165] psig Test Temp.[Ambient] °F

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1728243 turnover package | |
|---|-------------|
| Applicable Manufacturers Data Reports to be attached | |
| CERTIFICATE OF COMPLIANCE | |
| | |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Sect | ion XI. |
| Type Code Symbol Stamp N/A | |
| Certificate of Authorization No. N/A | |
| Signed ISI ENGINEER Date 7 | 2/2010 |
| Owner or Owner's Designee, Title | |
| CERTIFICATE OF INSERVICE INSPECTION | |
| | |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspect | ors and the |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER IN | SPECTION |
| AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in the | nis Owner's |
| Report during the period <u>3/19/2010</u> to <u>7/2/2010</u> and state that to the be | est of my |
| knowledge and belief, the Owner has performed examinations and taken corrective measures described in th | is 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, con | cerning the |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor hi | is employer |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or con | nected with |
| this inspection. | |
| | · . |
| Commissions NC# 1580 | |
| Inspector's Sonature National Board, State, Province, and Endorsemen | 15 |
| Date: 7/2/2010 | |
| | |
| | |
| | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| As Required by | the Provisions of | f the ASME | Code Section XI |
|----------------|-------------------|------------|-----------------|
|----------------|-------------------|------------|-----------------|

| 1. Own | er <u>CAROLINA PC</u> | WER & LIGHT C Name | OMPANY | Date: | | 8/2/2010 | | | |
|----------------------|---|----------------------------|---------------------------------------|---|---|---|---|--|--|
| <u>411</u> | FAYETTEVILLE ST., I Address | RALEIGH, NC 276 | 602 | Sheet: | 1 | of | 2 | | |
| 2. Plan | t <u>H.B.ROBINSO</u> Name | <u>N</u> | | | | 2 | | | |
| <u>3581</u> | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> | | | | ESR#:N/A EE:N/A WR/WO:855891 CR:N/A Repair Organization PO No;Job No;etc. | | | | |
| • • | k Performed by <u>CARO</u> WEST ENTRANCE F Address | Name | | Authorizat | ion No.: | amp: <u>N/A</u> N/A N/A | | | |
| 4. Iden | tification of System: | Cla | ss:3 | SERVICE V | NATER SYS | STEM | 4060 | | |
| 5. (a) (b) | Applicable Construct Applicable Edition of S | | Design Spe | 1967 Addend cification: <u>CPL-R2</u> cement Activity: <u>199</u> | 2-MV6 | | | | |
| 6. Iden | tification of Componen | ts Repaired or Re | placed and Re | placement Compone | | | | | |
| 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) | | |
| Butterfly Valve | e Allis-Chalmers MFG | N/A | N/A | SW-19 | 1971 | Removed | N | | |
| Butterfly Valve | e A/C Service and Repair | 231700-1 | N/A | SW-19 | 2010 | Installed | N | | |
| | | | · · · · · · · · · · · · · · · · · · · | : | | | | | |
| <u> </u> | | | · · · · · · · · · · · · · · · · · · · | | | | _ | | |
| | · · · | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | | | |

7. Description of Work: Replace valve SW-19

. 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.

| Applicat | ble Manufacturers Data Reports to be at | tached | |
|--|---|---------------------------------------|------------------|
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are | e correct and this conforms to the requirem | nents of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | · · · · · · · · · · · · · · · · · · · | |
| Certificate of Authorization No | N/A | | |
| signed Joth Sarah | ISI ENGINEER | Date | 8/2/2010 |
| | Owner or Owner's Designee, Title | | |

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD</u>, <u>CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/5/2010</u> to <u>8/2/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector 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.

Inspector's Signatur

mortes: Soo MIO 955901 turnovor pookoas

Commissions <u>NC# 1580</u> National Board, State, Province, and Endorsements

Date: 8/2/2010

1 01111 13132

'n.

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| Owner | CAROLINA PO | WER & LIGHT C | OMPANY | Date: | | 7/2/2010 | |
|-----------------|--|---|---|--|---|--|--|
| <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | Sheet:_ | 1 | of | 2 |
| Plant _ | H.B.ROBINSON Name | <u> </u> | | Unit: | , | 22 | |
| <u>3581 W</u> | /EST Entrance RD; I Address | Hartsville, Sc | 29550 | WR/W | <u>0:1120927</u> | CR:N/A | ······ |
| | | Name | | Authori | zation No.: | N/A | |
| | Address | · . | | | | · . | |
| (a) A (b) Ap | oplicable Construction | on Code <u>: B31.1</u> ection XI Used fo | Edition: Design Spe r Repair/Repla | 1967 Adde ccification: <u>6762</u> cement Activity: <u>1</u> | enda <u>:N/A</u> 281 1995 Edition 19 Code Ca | Code Case <u>:N/A</u> 96 Addenda | 2075 |
| nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| | ITT | N/A | N/A | V12-19 | . 1971 | Removed | N |
| | ПТ | 812675-001- 002 | N/A | V12-19 | 2010 | Installed | N |
| | Maintenance | N/A | N/A | SS-3094 | 2010 | Corrected | N . |
| | | | | | | | |
| · . | | | | | | | |
| | 4 | | | | | | |
| | 411 FA Plant 3581 W Work P 3581 W Identific (a) A (b) Ap Identific | 411 FAYETTEVILLE ST., R Address Plant H.B.ROBINSON Name 3581 WEST Entrance RD; H Address Work Performed by CAROL 3581 WEST ENTRANCE R Address Identification of System: (a) Applicable Construction (b) Applicable Edition of Some and the system Identification of Component Name of Name of ITT ITT | Name 411 FAYETTEVILLE ST., RALEIGH, NC 276 Address Plant | Name 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address Plant | Name 411 FAYETTEVILLE ST., RALEIGH, NC 27602 | Name 411 FAYETTEVILLE ST. RALEIGH, NC 27602 Sheet: 1 Address Plant | Name 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address Sheet: |

7. Description of Work: Replace valve and modify support

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.

| Applicabl | le Manufacturers Data Reports to be a | attached | |
|--|--|------------------------------------|----------------------|
| Ċ | ERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are | correct and this conforms to the require | ments of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| Signed Jot & Sanch | ISI ENGINEER | Date | 7/2/2010 |
| | Owner or Owner's Designee, Title | <u></u> | |
| CERTIF | ICATE OF INSERVICE INSPECTION | I | |
| | | | |
| I, the undersigned, holding a valid commission i | ssued by the National Board of Boiler | and Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BOI | LER INSPECTION |
| AND INSURANCE COMPANY of | D. CONNECTICUT have inspected the | e components descri | bed in this Owner's |
| Report during the period <u>11/10/2009</u> | to7/1/2010 | _and state that to | the best of my |
| knowledge and belief, the Owner has perform | ned examinations and taken correction | ve measures describ | ed in this Owner's |
| Report in accordance with the requirements of t | he ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector | or his employer makes any warrant | y, expressed or impl | lied, concerning the |
| examinations and corrective measures describe | ed in this Owner's Report. Furthermor | e, neither the Inspect | tor nor his employe |
| shall be liable in any manner for any personal i | njury or property damage or a loss of | f any kind arising from | m or connected with |
| this inspection. | · · | | |
| | | | |
| Inspector's Signature | Commissions National Board, St | NC# 1580 ate, Province, and End | lorsements |
| \sim | | | · • |
| Date: 7/2/2010 | | | |
| | | | |
| | | | <u></u> |
| | | | 10-022 |
| • | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | , | | | | | | | , |
|---------------------|---------------|--|----------------------------|-----------------------------|---|--|---|---|
| 1. | Owner | CAROLINA PO | OWER & LIGHT C Name | OMPANY | Dat | e: | 7/2/2010 | |
| | <u>411 FA</u> | YETTEVILLE ST., Address | | 502 | She | eet:1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSC Name | DN | | | t: | | |
| | <u>3581 W</u> | /EST Entrance RD; Address | | <u>C 29550</u> | <u>ESI</u> WR | R#:72356 /WO:1531183 Repair Organiz | EE:N/A CR:N/A ation PO No;Job N | |
| 3. | | Performed by <u>CARC</u> VEST ENTRANCE Address | Name RD: HARTSVILLE | | Aut | e Code Symbol Si horization No.: iration Date: | N/A | |
| 4. | Identific | cation of System: | Cla | ss:1 | SAF | ETY INJECTION S | SYSTEM | 2080 |
| 5. 6. | (b) Ap | pplicable Construc pplicable Edition of cation of Componen | Section XI Used for | Design Sp or Repair/Repl | ecification: <u>v</u> acement Activi | ty: <u>1995 Edition 19</u> Code Ca | | |
| Name of Componer | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Valve | | Velan Inc | 41017 | N/A | SI-976 | 2004 | Installed | N |
| Support | | Maintenance | N/A | N/A | SS-3091 | 2010 | Installed | N |
| | | | e., | | | | | |
| | | | | , . | | | | |
| | | | | | | | | |
| | | | | 1 | | | 1 | |

7. Description of Work: Install new cross-tie valve and support

8.

Test Conducted: Hydrostatic [X] Pneumatic [-] Nominal Operating Pressure [-]

Other [VT-2] Pressure[2465] psig Test Temp [Ambient] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1531183 turnover package</u> Applica | ble Manufacturers Data Reports to be attached |
|--|--|
| | |
| | CERTIFICATE OF COMPLIANCE |
| I certify that the statements made in the report an | re correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp | N/A |
| Certificate of Authorization No | N/A |
| Signed Sandu | |
| (| Owner or Owner's Designee, Title |
| CERT | IFICATE OF INSERVICE INSPECTION |
| | |
| I, the undersigned, holding a valid commission | n issued by the National Board of Boiler and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HARTFORD STEAM BOILER INSPECTION |
| AND INSURANCE COMPANY of HARTFOR | RD, CONNECTICUT have inspected the components described in this Owner's |
| Report during the period <u>11/9/2009</u> | to <u>7/2/2010</u> and state that to the best of my |
| knowledge and belief, the Owner has perfor | med examinations and taken corrective measures described in this Owner's |
| Report in accordance with the requirements of | f the ASME Code, Section XI. |
| | |
| By signing this certificate neither the Inspect | or or his employer makes any warranty, expressed or implied, concerning the |
| examinations and corrective measures descrit | bed in this Owner's Report. Furthermore, neither the Inspector nor his employer |
| shall be liable in any manner for any personal | I injury or property damage or a loss of any kind arising from or connected with |
| this inspection. | · |
| TE HILL | Commissions NC# 1580 |
| Inspector's Signatule | National Board, State, Province, and Endorsements |
| | |
| Date: 7/2/2010 | |
| | |
| | |

7.

8.

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA POWER & I Name | IGHT COMPA | <u>NY</u> | Date: | | 6/29/201 | 0 | <u> </u> |
|----|-----------------|--|----------------|---|------------------------------------|--------------------------------|-----------|---------------------------|----------|
| · | <u>411 FAYI</u> | ETTEVILLE ST., RALEIGH Address | NC 27602 | | Sheet: | 11 | of | 2 | <u> </u> |
| 2. | Plant | H.B.ROBINSON Name | | | Unit: | <u></u> | 2 | | |
| | <u>3581 WE</u> | ST Entrance RD; HARTSV Address | ILLE, SC 2955 | <u>i0</u> | <u>ESR#:N/A</u> WR/WO:14 Rep | 136029 | | ::N/A R:N/A ob No;e | etc. |
| 3. | | formed by <u>CAROLINA PO</u> <u>ST ENTRANCE RD; HART</u> Address | Name | | Authorizatio | Symbol Sta on No.: Date: | | N/A N/A N/A | |
| 4. | Identificat | tion of System: | Class:2 | | CHEMICAL | AND VOLU | ME CONTR | OL SYS | STEM206 |
| 5. | (a) Apr | blicable Construction Code | | Edition: <u>1967</u> sign Specificatio | Addenda on: <u>5379-04</u> 3 | | Code Case | <u>:N/A</u> | |
| | (b) Appl | icable Edition of Section XI | Used for Repa | air/Replacement | Activity: <u>1995</u> | Edition 199 Code Cas | | | |
| 6. | Identifica | tion of Components Repair | ed or Replaced | d and Replaceme | ent Componer | nts | | | |
| ` | · 1 | | | | | 1 | | | 1 |

| 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) |
|----------------------|---------------------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Valve Plug | Copès-Vulcan | N/A | N/A | HCV-121 | 1971 | Removed | N |
| Valve Plug | Copes-Vulcan | 137859 | N/A | HCV-121 | 2010 | Installed | N |
| · | | | | | | | |
| | | | | | | | |
| · · · · | · · · · · · · · · · · · · · · · · · · | - | | | | | |
| · | | | | | | | |

Description of Work: Replaced valve disc, cage plug and stem assembly

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

Other [N/A] Pressure[N/A] psig Test Temp [N/A] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| emarks: <u>See WO 146029 turnover package</u> Applic | able Manufacturers Dat | a Reports to be atta | ached | |
|---|-----------------------------|------------------------|---------------------------------|--|
| | CERTIFICATE OF CO | MPLIANCE | | <u>ور بیند بین دست را هر با هر به می</u> |
| I certify that the statements made in the report a | are correct and this confo | rms to the requirement | ents of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | | N/A | | |
| Certificate of Authorization No | | N/A | | ······································ |
| Signed Clark & Sanda | ISI E Owner or Owner's I | | Date | 6/29/2010 |
| CER | TIFICATE OF INSERVI | CE INSPECTION | *********** | |
| I, the undersigned, holding a valid commissio | on issued by the Nationa | l Board of Boiler a | nd Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed | by THE HARTFO | ORD STEAM BOI | ILER INSPECTIO |
| AND INSURANCE COMPANY of HARTFO | DRD, CONNECTICUT | ave inspected the | components descri | bed in this Owne |
| Report during the period 5/8/2010 | to6/29/2010 | | and state that to | the best of r |
| knowledge and belief, the Owner has perfo | ormed examinations an | d taken corrective | measures describ | oed in this Owne |
| Report in accordance with the requirements of | of the ASME Code, Sect | ion XI. | · . | |
| | | , | | |
| By signing this certificate neither the Inspec | tor or his employer ma | kes any warranty, | expressed or impl | lied, concerning t |
| examinations and corrective measures descr | ribed in this Owner's Re | port. Furthermore, | neither the Inspect | tor nor his employ |
| shall be liable in any manner for any person | al injury or property dan | nage or a loss of a | ny kind arising from | n or connected w |
| this inspection. | | | · | |
| | | | | |
| Inspector's Signature | | | C# 1580 e, Province, and End | torsements |
| inspector's orginature | • | | ., 1 107/100, 01/0 _// | |
| Date: 6/29/2010 | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | |
| | | <u></u> | | |
| | | | | |
| | | | | 10-020 |
| | | | | |
| | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PC | WER & LIGHT C | OMPANY | I | Date: | | 6/29/2010 | |
|--------------------|---------------|------------------------------|----------------------------|-----------------------|------------------------|-------------|---------------|---|---|
| · . | <u>411 FÁ</u> | YETTEVILLE ST., F Address | RALEIGH, NC 276 | 02 | \$ | Sheet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSO Name | N | | ι | Jnit: | | 2 | <u> </u> |
| · . | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | | 691085 01 | EE:N/A CR:N/A Ition PO No;Job No | |
| 3. | | Performed by <u>CARO</u> | Name | | <i>į</i> | Authorizati | on No.: | amp: <u>N/A</u> N/A N/A | |
| 4. | Identifi | Address cation of System: | Clas | ss:3 | | | | IG WATER SYSTE | <u>EM 4080</u> |
| 5. | | oplicable Construct | | Design Spe | ecification: | | | Code Case <u>:N/A</u> | |
| 6. | | cation of Componen | | | | | Code Ca | se: <u>N/A</u> | • |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificatio | on | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Branch | Piping | Team Industrial | YY0273 | N/A | 10-AC-15 | 52N-40 | 2010 | Installed | N |
| Tee | | Team Industrial | 5087 | N/A | 10-AC-15 | 52N-40 | 2010 | Installed | N |
| Flange | ····· | Team Industrial | ALC | N/A | 10-AC-15 | 52N-40 | 2010 | Installed | N |
| | | | | | | | | | |
| · | | | · . | | | | | | |
| | | | | | | • | | | |

Description of Work: Install branch connection to facilitate hot tap activity

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

7.

Other [VT-2] Pressure[187.5] psig Test Temp.[Ambient] °F

ţ

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FORM NIS-2 (Back)

Sheet 2 of 2.

| CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Owner or Owner's Designee, Title CERTIFICATE 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 North 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 4/5/2010 to 6/29/2010 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. |
|---|
| Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Date 6/29/2010 Owner or Owner's Designee, Title Date 6/29/2010 CERTIFICATE 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 and employed by 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 |
| Certificate of Authorization No |
| Signed John Sanch ISI ENGINEER Date 6/29/2010 Owner or Owner's Designee, Title Owner or Owner's Designee, Title CERTIFICATE 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 North Carolina and employed by THE_HARTFORD_STEAM BOILER_INSPECTION AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/5/2010 to 6/29/2010 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 |
| Owner or Owner's Designee, Title CERTIFICATE 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 North Carolina and employed by THE_HARTFORD_STEAM BOILER INSPECTION AND INSURANCE COMPANY_ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period4/5/2010 to6/29/2010 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 |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>4/5/2010</u> to <u>6/29/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's |
| State or Province of |
| State or Province of |
| AND INSURANCE COMPANY of <u>HARTFORD</u> , CONNECTICUT have inspected the components described in this Owner's Report during the period <u>4/5/2010</u> to <u>6/29/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's |
| Report during the period <u>4/5/2010</u> to <u>6/29/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's |
| 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. |
| Single Not 1580 |
| Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements |
| |
| Date: 6/29/2010 |
| |

Plug

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT C Name | <u>OMPANY</u> | | Date: | | 6/29/2010 | |
|-----------|----------------|-------------------------------|---|-------------------------------|------------|---------------------|----------------------------------|-----------------------------|---------------|
| | | | | | | | | _ | |
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 602 | | Sheet: | 1 | of | 2 |
| 2. | Dlant | H.B.ROBINSON | | | | Linit | | 2 | |
| ۷. | r sant <u></u> | Name | <u> </u> | | | Umr | | Z | |
| . • | 0004 14 | | | 00550 | | ESR#:755 | | EE:N/A | |
| | <u>3581 W</u> | EST Entrance RD; I Address | HARTSVILLE, SC | 29550 | | | <u>691084 01</u> air Organiza | CR:N/A tion PO No;Job No | |
| | | | | | | | - | | - |
| 3: | Work P | erformed by CAROL | INA POWER & L Name | IGHT COMP | ANY | Type Code | Symbol Sta | amp:N/A | |
| | 3581 W | EST ENTRANCE R | | SC 29550 | | Expiration | on No.: Date: | <u>N/A</u> N/A | |
| | 000111 | Address | <u>, , , , , , , , , , , , , , , , , , , </u> | 00 20000 | | Expiration | Duic | | |
| 4. | Identific | ation of System: | Clas | ss:3 | | COMPONE | | G WATER SYSTI | EM 4080 |
| | | | | | | <u>oom one</u> | ITT OCOLIN | | 2101 4000 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B31.1</u> | Edition <u>:</u> Design Sp | | Addend | a <u>:N/A</u> | Code Case <u>:N/A</u> | |
| | (h) . Án | plicable Edition of S | action XI Used fo | r Renair/Renl | acament (| Activity: 199 | 5 Edition 100 | 6:Addenda | |
| | | phonoic Edition of O | | i nepumrepi | accinent / | (ouvity: <u>150</u> | Code Cas | | |
| | | | | | ÷ . | | | | |
| 6. | Identific | ation of Component | s Repaired or Re | placed and Re | eplaceme | nt Compone | nts | 1 | |
| Name of | | Name of | Manufacturer | National | Other | | Year | Repaired, | ASME |
| Component | t (| Manufacturer | Serial No. | Board No. | Identific | ation | Built | Replaced, or | Code Stamp |
| | | | | | | • | | Replacement | (Yes or |
| • | | · • • | | | | | | · | No) |
| Branch P | Pine | Team Industrial | YY0273 | N/A | 10-AC | 152N-41 | 2010 | Installed | N |
| | | | | | | · | | | |
| Tee | | Team Industrial | 5087 | N/A | 10-AC | 152N-41 | 2010 | Installed | N |
| Flange | | Team Industrial | ALC | N/A | 10-AC | 152N-41 | 2010 | Installed | N |
| Coupling | · | HUB Inc | 066F | N/A | 10-AC | -152N-41 | 2010 | Installed | N |
| . • | | | | | 1 | | 1 | 1 | |

7. Description of Work: Install branch connection to facilitate hot tap activity

9207

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

Debose National

Energy

Other [VT-2] Pressure[187.5] psig Test Temp.[Ambient] °F

10-AC-152N-41

2010

Installed

N/A

10-018

Ν

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| | | acturers Data Repor | | | |
|---|---|-------------------------|-----------------|---------------------------------------|---|
| | CERTIFIC | ATE OF COMPLIAN | CÉ | | |
| I certify that the statements made in the rep | port are correct a | nd this conforms to the | ne requirements | s of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | | N/A | | · · · · · · · · · · · · · · · · · · · | ······ |
| Certificate of Authorization No | | N/A | | | |
| Signedlath Scine | | ISI ENGINEI | | Date | 6/29/2010 |
| / | Owne | r or Owner's Designe | e, Title | | |
| | CERTIFICATE (| OF INSERVICE INS | PECTION | | |
| · · · | | | | | |
| I, the undersigned, holding a valid comm | ission issued by | y the National Board | of Boiler and I | Pressure Vesse | I Inspectors and |
| State or Province of <u>North Carolina</u> | | | | | |
| AND INSURANCE COMPANY of HAP | 1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - | | | • | |
| Report during the period4/5/2010 | | ····· | | | |
| knowledge and belief, the Owner has | | | | | |
| Report in accordance with the requireme | | | | • | |
| | | · · | | | |
| By signing this certificate neither the In | spector or his e | employer makes an | y warranty, ex | pressed or impl | lied, concerning |
| examinations and corrective measures of | | | | • | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |
| shall be liable in any manner for any pe | | | | | |
| this inspection. | | | | | · . |
| | | | | | |
| Inspector's Signature | | Commis | | 1580 rovince, and End | forsements |
| | | Materia | | termos, and and | |
| | | | | | |
| Date: 6/29/2010 | | | | | |
| | | | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | | - | | | | | | | |
|---------------------|---------------|---|----------------------------|-----------------------|-----------------------------|---------------------------------------|---------------|---|---|
| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | | Date: | · | 6/29/2010 | <u>.</u> |
| | <u>411 FA</u> | <u>YETTEVILLE ST., R</u> Address | ALEIGH, NC 276 | 02 | | Sheet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSOI Name | N . | | | | | 2 | |
| | <u>3581 W</u> | /EST Entrance RD; Address | HARTSVILLE, SC | 29550 | | <u>WR/WO:8</u> | 355892 | EE:N/ CR:N/ Ition PO No;Job f | Α |
| 3. | | Performed by <u>CAROI</u> | Name | | ANY | Authorizat | ion No.: | | ٩ |
| • | | <u>/EST ENTRANCE R</u> Address | | | | Expiration | Date: | N// | <u> </u> |
| 4. | Identific | cation of System: | Clas | s:2 | | SERVICE V | NATER SYS | TEM | 4060 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B 31.1</u> | | <u>1967</u> pecification | Addend :: <u>ME-780</u> | | Code Case <u>:N/</u> | <u>A</u> |
| 6. | | pplicable Edition of S cation of Component | | | | | Code Ca | | |
| Name of Componer | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identific | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Butterfly | | Allis-Chalmers | N/A | N/A | SW-18 | | 1971 | Removed | N |
| Butterfly | / Valve | A/C Service and Repair | N/A | N/A | SW-18 | · · · · · · · · · · · · · · · · · · · | 2010 | Installed | N |
| | | · · · · · · · · · · · · · · · · · · · | | | | , <u></u> ,, | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | | | | |
| | | | | | | | | | |
| | | | | | · | | | | |

7. Description of Work: Remove and reinstall line to facilitate work on SW-18

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

Other [VT-2] Pressure[NOP] psig Test Temp [NOT] °F

·:" }

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FORM NIS-2 (Back)

Sheet 2 of 2.

| Abhican | ble Manufacturers Data Reports to be a | ttached | |
|---|---|-----------------------------------|------------------|
| | CERTIFICATE OF COMPLIANCE | | <u></u> |
| ertify that the statements made in the report are | e correct and this conforms to the requirer | nents of the ASME C | ode, Section XI. |
| pe Code Symbol Stamp | N/A | | |
| | | | |
| ined_ Closh Sansh | ISI ENGINEER | Date | 6/29/2010 |
| | Owner or Owner's Designee, Title | | |
| CERTI | FICATE OF INSERVICE INSPECTION | <u> </u> | |
| 02.01 | | | |
| the undersigned, holding a valid commission | issued by the National Board of Boiler | and Bronauro Morne | l Inchastore on |
| | | | - |
| ate or Province of <u>North Carolina</u> | | · . · | |
| ND INSURANCE COMPANY of HARTFOR | | | • |
| eport during the period <u>2/17/2010</u> | · · · · · · · · · · · · · · · · · · · | and state | |
| y knowledge and belief, the Owner has perfo | | ive measures descr | bed in this Ow |
| eport in accordance with the requirements of t | the ASME Code, Section XI. | | |
| | | | |
| signing this certificate neither the Inspecto | or or his employer makes any warranty | , expressed or imp | lied, concerning |
| aminations and corrective measures describe | ed in this Owner's Report. Furthermore | e, neither the Inspec | tor nor his emp |
| all be liable in any manner for any personal | injury or property damage or a loss of | any kind arising from | n or connected |
| s inspection. | | • | |
| The second second | O itationia | NO# 4590 | |
| Inspector's Signature | Commissions National Board, Sta | NC# 1580 te, Province, and End | lorsements |
| \mathcal{C} | | | |
| ate: 6/29/2010 | | | |
| | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. C | wner <u>CAROLINA P</u> | OWER & LIGHT C | OMPANY | Date: | | 6/29/2010 | |
|--|---------------------------------|---|----------------|--------------------|-------------------|--------------------|----------------|
| <u>4</u> | 11 FAYETTEVILLE ST., Address | | 02 | Shee | t:1 | of | 2 |
| 2. P | lant <u>H.B.ROBINSC</u> Name | <u>N</u> | | Unit:_ | | 2 | |
| | Maine | | | ESR# | :47222 | EE:N/A | |
| 3 | 581 WEST Entrance RD; | HARTSVILLE, SC | 29550 | | VO:987263 01 | CR:N/A | |
| | Address | | | | Repair Organiza | tion PO No; Job No | ;etc. |
| 3. V | Vork Performed by CARC | LINA POWER & L | IGHT COMP | ANY Type | Code Symbol St | amp: <u>N/A</u> | |
| | | Name | | Autho | prization No.: | N/A | |
| 3 | 581 WEST ENTRANCE | RD; HARTSVILLE, | SC 29550 | Expir | ation Date: | N/A | |
| 1997 - 19 | Address | | | | | , | |
| 4. lo | lentification of System: | Clas | s:3 | COMP | | IG WATER SYST | FM 4080 |
| | | <u> </u> | | 00101 | ONEIT OCCEN | | LM 4000 |
| 5. (a | a) Applicable Construct | tion Code: <u>B 31.1</u> | | | denda <u>:N/A</u> | Code Case:N/A | |
| | | • | Design Sp | ecification: 670 | 6368/CPL-HBR2- | <u>M-048</u> | |
| |) Applicable Edition of S | Section XI Used to | r Renair/Repla | acement Activity | 1995 Edition 19 | 96 Addenda | |
| | | 000000000000000000000000000000000000000 | ricepannicepa | accinent Activity. | | se: N-416-3 | |
| | | | | | | <u></u> | |
| <u>6. l</u> ć | lentification of Componer | nts Repaired or Re | placed and Re | eplacement Com | ponents | | |
| Name of | Name of | Manufacturer | National | Other | Year | Repaired, | ASME |
| Component | Manufacturer | Serial No. | Board No. | Identification | Built | Replaced, | Code |
| | | | | | · | òř | Stamp |
| | | | | | | Replacement | (Yes or No) |
| | | | | | | | 110, |
| Valve | Fisher | N/A | N/A | CC-775 | 1971 | Removed | N |
| ļ | | | <u> </u> | | | <u></u> | N |
| Valve | Nova Machine Products | H7594 | N/A | CC-775 | 2010 | Installed | N |
| Pipe | Ebasco | N/A | N/A | 10-AC-41 | 1971 | Removed | |
| Tipe | LUASCO | | | 10710-41 | | l | · · |
| Pipe | Dubose National | DNES28380 | N/A | 10-AC-41 | 2010 | Installed | N |
| | Energy | · · · · · · · · · · · · · · · · · · · | L | | | | |
| Flange | Ebasco | N/A | N/A | 10-AC-41 | 1971 | Removed | N |
| Elongo | Dubose National | 217H894/4151 | N/A | 10-AC-41 | 2010 | Installed | |
| Flange | Energy | 5 | | 10-70-41 | 2010 | mataneu | |

7. Description of Work: <u>Replaced CC-775 and piping</u>

8.

Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| | e Manufacturers Data Repo | rts to be attached | |
|---|---|---|---|
| C | ERTIFICATE OF COMPLIAN | | |
| I certify that the statements made in the report are | correct and this conforms to t | he requirements of the ASM | IE Code, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | · | |
| signed _ Clapped Sande | ISI ENGINE | ERDate | 6/29/2010 |
| | Owner or Owner's Designe | | |
| CERTIF | CATE OF INSERVICE INS | | |
| | | | |
| I, the undersigned, holding a valid commission is | sued by the National Board | l of Boiler and Pressure V | essel inspectors and the |
| State or Province of <u>North Carolina</u> | | | |
| AND INSURANCE COMPANY of HARTFORE | | | |
| | | | |
| Report during the period <u>1/16/2007</u> | | | |
| my knowledge and belief, the Owner has perfor | med examinations and tak | en corrective measures d | escribed in this Owner |
| Report in accordance with the requirements of th | e ASME Code, Section XI. | | |
| · | <u>.</u> . | | 1 |
| | | | |
| By signing this certificate neither the Inspector | or his employer makes ar | y warranty, expressed or | implied, concerning the |
| By signing this certificate neither the Inspector examinations and corrective measures describe | · . | | |
| examinations and corrective measures describe | d in this Owner's Report. F | urthermore, neither the Ins | spector nor his employe |
| examinations and corrective measures describe shall be liable in any manner for any personal ir | d in this Owner's Report. F | urthermore, neither the Ins | spector nor his employe |
| examinations and corrective measures describe shall be liable in any manner for any personal ir | d in this Owner's Report. F | urthermore, neither the Ins | spector nor his employe |
| examinations and corrective measures describe shall be liable in any manner for any personal ir | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected with |
| examinations and corrective measures describe shall be liable in any manner for any personal ir | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising | spector nor his employe g from or connected with |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected with |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected with |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit d Endorsements |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit d Endorsements |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected with d Endorsements |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit d Endorsements |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected with d Endorsements |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected wit d Endorsements |
| examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | d in this Owner's Report. F njury or property damage o Commis | urthermore, neither the Ins r a loss of any kind arising sions NC# 1580 | spector nor his employe g from or connected with d Endorsements |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA POWER Nam | | <u>IPANY</u> | Date: | , | 6/16/201 | 10 | |
|----|-----------------|---------------------------------|---------------------|---|--|-------------|-------------|------------|-----------|
| | <u>411 FAYE</u> | TTEVILLE ST., RALEIC Address | <u>GH, NC 27602</u> | · | Sheet: | 1 | of | 2 | |
| 2. | Plant | H.B.ROBINSON Name | <u> </u> | | Unit: | | 2 | | . <u></u> |
| | | | ESR#:N/A | | | E:N/A | | | |
| | <u>3581 WES</u> | T Entrance RD; HART | <u>9550</u> | WR/WO:153 | | | R:N/A | | |
| | | Address | | Repai | r Organizati | on PO No;. | Job No;etc. | • | |
| 3. | Work Perfo | ormed by <u>CAROLINA F</u> | | HT COMPANY | Type Code S | | | | |
| | | | Name | | Authorization | | | | |
| | <u>3581 WES</u> | T ENTRANCE RD; HA | RTSVILLE, S | <u>C 29550</u> | Expiration Da | ate: | | <u>N/A</u> | |
| | | Address | | | | | | | |
| 4. | Identificatio | on of System: | Class: | 3 | COMPONENT | | WATER : | SYSTEM | 4080 |
| 5. | (a) Appli | cable Construction Co | de <u>: B31.1</u> | Edition <u>: 1967</u> Design Specification | Addenda <u>:N</u> n: <u>H-11065/5</u> | | Code Case | e <u>:</u> | |
| | (b) Applic | able Edition of Section | XI Used for F | Repair/Replacement | Activity: <u>1995 E</u> | dition 1996 | Addenda | | |

Code Case:

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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Butterfly Valve | Fisher | N/A | N/A | CC-748A | 1971 | Removed | N |
| Butterfly Valve | Emerson Process Mgmt | 18358397 | N/A | CC-748A | 2010 | Installed | N |
| | | | | | | | |
| | | | | | _ | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work: <u>Replace Butterfly Valve and associated hardware</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1531208-01 turnover package Applicable I | Manufacturers Data Reports to be a | Ittached | |
|---|--|-------------------------------------|---|
| CEF | RTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are co | prrect and this conforms to the require | ments of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | N/A | <u></u> | |
| Certificate of Authorization No. | <u>N/A</u> | | مرجع المرجع مراجع مراجع مراجع العر |
| Signed Cath Sand | ISI ENGINEER Owner or Owner's Designee, Title | Date | 6/16/2010 |
| | | | <u></u> |
| CERTIFIC | ATE OF INSERVICE INSPECTION | 1 | |
| | : ^., | | |
| I, the undersigned, holding a valid commission issued | ued by the National Board of Boiler | and Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BOIL | ER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD, | CONNECTICUT have inspected the | e components describ | ed in this Owner's |
| Report during the period <u>9/23/2009</u> | to <u>6/16/2010</u> | and state t | hat to the best of |
| my knowledge and belief, the Owner has perform | ed examinations and taken correct | ive measures describ | ed in this Owner's |
| Report in accordance with the requirements of the | ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector of | r his employer makes any warrant | y, expressed or implie | ed, concerning the |
| examinations and corrective measures described i | in this Owner's Report. Furthermore | e, neither the Inspecto | r nor his employer |
| shall be liable in any manner for any personal inju | iry or property damage or a loss of | any kind arising from | or connected with |
| this inspection. | : | | |
| -Z.+ (12) | 0 | 101 4500 | |
| Inspector's Signature | Commissions National Board, Sta | NC# 1580 ate, Province, and Endo | orsements |
| 2 | | | |
| Date: <u>6/16/2010</u> | | | |
| | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Öwner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | Date: | | 6/16/2010 | |
|---------------------|---------------|--|----------------------------|----------------------------------|------------------------------|--------------------------------|-------------------------------------|-----------------------|
| | <u>411 FA</u> | <u>YETTEVILLE ST., R</u> Address | ALEIGH, NC 2760 |)2 | Sheet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSON Name | 1 | | Unit: | <u></u> | 2 | <u> </u> |
| | <u>3581 W</u> | /EST Entrance RD; I Address | HARTSVILLE, SC | 29550_ | WR/WO:17 | 764779 01 air Organizat | EE:N/A CR:N/A ion PO No;Job N | <u> </u> |
| 3. | | erformed by <u>CAROL</u> / <u>EST ENTRANCE R</u> Address | Name | | | Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | |
| 4. | Identific | cation of System: | Clas | s:3 | CHEMICAL | AND VOLU | ME CONTROL S | YSTEM2060 |
| 5. | (a) A | pplicable Construction | on Code <u>: B31.1</u> | Edition <u>: 1</u> Design Spe | | a <u>:N/A</u> | Code Case <u>:N/A</u> | |
| | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repla | cement Activity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identific | ation of Component | s Repaired or Rep | laced and Re | placement Componer | nts | | <u></u> |
| Name of Componer | nt, | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or | ASME Code Stamp |

| Component | Manufacturer | Serial No. | Board No. | Identification | Built | Replaced, or Replacement | Code Stamp (Yes or No) |
|-----------|-----------------|---------------------------------------|-----------|----------------|-------|--------------------------------|---------------------------------|
| Bonnet | Grinnell | N/A | N/A | CVC-334 | 1971 | Removed | N |
| Bonnet | ITT Corporation | JCVN-34 | N/A | CVC-334 | 2010 | Installed | N |
| | | | | | | - | |
| | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | | |

7. Description of Work: Replace bonnet assembly

8.

Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1764779 turnover package</u> Applicable Manufacturers Data Reports to be attached |
|--|
| CERTIFICATE OF COMPLIANCE |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol Stamp N/A |
| Certificate of Authorization NoN/A |
| Signed Oat L. Sansh ISI ENGINEER Date 6/16/2010 Owner or Owner's Designee, Title |
| CERTIFICATE OF INSERVICE INSPECTION |
| |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER INSPECTION |
| AND INSURANCE COMPANY of _ HARTFORD, CONNECTICUT have inspected the components described in this Owner |
| Report during the period <u>5/31/2010</u> to <u>6/16/2010</u> and state that to the best of |
| my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner |
| 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 th |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit |
| this inspection. |
| This Commissions NC# 1580 Inspector's Signature National Board, State, Province, and Endorsements |
| Date:6/16/2010 |
| |
| |
| 10-014 |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CO | OMPANY | D | ate: | | 6/16/2010 | | |
|---------------------|---------------|--|----------------------------|-----------------------|------------------------|------------|----------------------------------|---|---|------------|
| | <u>411 FA</u> | YETTEVILLE ST., F Address | ALEIGH, NC 276 | 02 | S | heet: | 1 | of | 2 | |
| 2. | Plant_ | H.B.ROBINSOI Name | N | | U | nit: | | 22 | | |
| | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | | 753389 01 | EE:N/A CR:N/A ion PO No;Job No | | |
| 3 . | | Performed by <u>CARO</u> VEST ENTRANCE R Address | Name | | A | uthorizati | e Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | | |
| 4. | Identifi | cation of System: | Clas | s:3 | CC | MPONE | NT COOLING | <u>G WATER SYSTE</u> | <u>EM 4080</u> | |
| 5. | (a) A | opplicable Constructi | on Code: ASME | | Edition <u>:</u> | | Addenda <u>:N</u> 4 | /A Code | e Case <u>:</u> | <u>N/A</u> |
| | | pplicable Edition of S | | | | | Code Cas | <u>6 Addenda</u> e: <u>N-416-3</u> | | |
| 6. | Identifie | cation of Component | ts Repaired or Rep | placed and Re | placement C | Componei | nts | | | 1 |
| Name of Componer | nt . | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificatio | n | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) | |
| Caps | | Dubose national | 50815 | N/A | CCW-HT | (-A | 2010 | Installed | N | |

| | | | | _ |
|------|--|--|------|---|
| | | | | |

465305

421W1091

7. Description of Work: Install Two Nozzles on the Hx Shell

Energy

Energy

Energy & Process Corp

Dubose National

Pipe

Reinf, Ring

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

N/A

N/A

CCW-HTX-A

CCW-HTX-A

2010

2010

Installed

Installed

10-013

Ν

N

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: See WO 1753389 turnover package. | | |
|--|---|---|
| Applicat | ble Manufacturers Data Reports to be att | tached |
| | | |
| | CERTIFICATE OF COMPLIANCE | |
| I certify that the statements made in the report are | e correct and this conforms to the requirem | ents of the ASME Code, Section XI. |
| Type Code Symbol Stamp | N/A | |
| Certificate of Authorization No | N/A | |
| Signed Jobh Sanch | ISI ENGINEER | Date6/16/2010 |
| | Owner or Owner's Designee, Title | . · · · |
| CERTI | FICATE OF INSERVICE INSPECTION | |
| | | |
| I, the undersigned, holding a valid commission | issued by the National Board of Boiler a | and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> | | |
| | | · · · · · · · · · · · · · · · · · · · |
| AND INSURANCE COMPANY ofHARTFOR | | · · · |
| Report during the period <u>5/23/2010</u> | to6/16/2010 | and state that to the best of |
| my knowledge and belief, the Owner has perfo | ormed examinations and taken correctiv | ve measures described in this Owner's |
| Report in accordance with the requirements of | the ASME Code, Section XI. | |
| | | |
| By signing this certificate neither the Inspecto | or or his employer makes any warranty, | , expressed or implied, concerning the |
| examinations and corrective measures describ | ed 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 a | any kind arising from or connected with |
| this inspection. | | |
| | | |
| Inspector's Signature | | NC# 1580 e, Province, and Endorsements |
| inspector's Signature | National Doald, Stat | |
| Date: 6/16/2010 | · | |
| · · · | · · · | |
| | | |
| | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CC Name | <u>ompany</u> | | Date: | <u></u> | 6/16/2010 | |
|----------|---------------|------------------------------|-------------------------|---------------------------|-------------|-----------------------------|-------------------------|-----------------------|---------------------------------------|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 2760 | 02 | | Sheet: | 1 | of 2 |) |
| 2. | Plant _ | H.B.ROBINSON Name | <u>N</u> | | | | | 2 | <u></u> |
| | | | | | | ESR#:N/A | | EE:N/A | : |
| | <u>3581 M</u> | VEST Entrance RD; I | HARTSVILLE, SC | 29550 | | | 36565 01 | | |
| | | Address | | | | Rep | air Organizat | tion PO No;Job No;e | etc. |
| 3. | Work P | Performed by CAROL | INA POWER & L | IGHT COMPA | NY | Type Code | Symbol Sta | mp:N/A | |
| •. | Tronv. | chonned by <u>or neer</u> | Name | | <u>uv :</u> | Authorizativ | oynioor ola | | · |
| | 2591 14 | EST ENTRANCE R | | 20550 | | Evolution | on No.: | N/A | · · · · · · · · · · · · · · · · · · · |
| | <u>3301 M</u> | Address | D, HARISVILLE, | 30 29550 | | Expiration | Date: | . N/M | <u></u> |
| | | Addiess | | | | | | | |
| 4. | Identific | cation of System: | Clas | | | | | ME CONTROL SY | eteM2060 |
| 4. | lachun | Allon of System | | 5.2 | ····· | CHENNONE. | AND VOLU | VIE CONTROL ON | SIEMZOU |
| 5. | (a) A | pplicable Construction | on Code <u>: B 31.1</u> | | | Addenda n: <u>676281</u> | <u>:N/A</u> | Code Case <u>:N/A</u> | |
| | (b) Ap | plicable Edition of S | ection XI Used for | ⁻ Repair/Répla | icement A | Activity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identific | cation of Component | s Repaired or Rep | blaced and Re | placemer | nt Componer | nts | | |
| Name of | | Name of | Manufacturer | National | Other | | Year | Repaired, | ASME |
| Componer | | Manufacturer | Serial No. | Board No. | Identifica | ation | Built | Replaced, | Code |
| Componer | n l | Wallulaciulei | Seliar NO. | Doard No. | lacination | auon | Con | or | Stamp |
| | | | | | | | | Replacement | (Yes or No) |
| Bonnet | | Rockwell Edwards | N/A | N/A | CVC-2 | | 1993 | Removed | N |
| Bonnet | | ITT Industrial | 821840-001- | N/A | CVC-2 | 75A | 2010 | Installed | N |

7. Description of Work: <u>Replaced valve bonnet</u>

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

001

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

.

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet <u>2</u> of <u>2</u>.

| Remarks: See 1736565 01 turnover package. |
|--|
| Applicable Manufacturers Data Reports to be attached |
| |
| CERTIFICATE OF COMPLIANCE |
| I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. |
| Type Code Symbol StampN/A |
| Certificate of Authorization No |
| Signed_ Cat & Sanch ISI ENGINEER Date 6/16/2010 |
| Owner or Owner's Designee, Title |
| |
| |
| |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the |
| State or Province of <u>North Carolina</u> and employed by THE HARTFORD STEAM BOILER INSPECTIO |
| AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner |
| Report during the period <u>4/8/2010</u> to <u>6/16/2010</u> and state that to the best of n |
| knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner |
| 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 employ |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wi |
| this inspection. |
| |
| Sant length Commissions NC# 1580 |
| Inspector's Signature National Board, State, Province, and Endorsements |
| Date: 6/16/2010 |
| |
| |
| |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner <u>CAROLINA POWER & LIGHT COI</u> Name | <u>IPANY</u> | Date: | 6/16/20 | 10 |
|----|---|--|--|-------------------|---------------|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | | Sheet:1 | of | |
| 2. | Plant <u>H.B.ROBINSON</u> Name | | Unit: | 22 | |
| | | | ESR#:58581 | E | E:N/A |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 2 | 9550 | WR/WO:112392 | | R:N/A |
| | Address | | | ganization PO No; | |
| 3. | Work Performed by CAROLINA POWER & LIG | HT COMPANY | Type Code Symb | ool Stamp: | N/A |
| | Name | | Authorization No. | | N/A |
| | 3581 WEST ENTRANCE RD; HARTSVILLE, S | <u>C 29550</u> | Expiration Date: | 1 | N/A |
| | Address | | | | |
| 4. | Identification of System: Class: | 3 | COMPONENT CO | OLING WATER | SYSTEM 4080 |
| 5. | (a) Applicable Construction Code: <u>B31.1</u> | Edition: <u>1967</u> Design Specificatior | Addenda <u>:N/A</u> n: <u>58581</u> | Code Cas | e <u>:N/A</u> |
| | | | | 1000 1 14- | |

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N-416-3</u>

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) |
|------------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| V-cone Flow Element | Dubose/Mccrom eter | N/A | N/A | FE-11206 | 2010 | Installed | N |
| Pipe | Ebasco | N/A | N/A | 24-AC-152N-26 | 1971 | Removed | N |
| | | | | | | | |
| | | | | | | | |
| | | | - | | | | |
| | | | | | | | |

7. Description of Work: Install FE-11206 in line 24-AC-152N-26

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet _2_ of _2_

| Remarks: See WO 1123926 turnover package Applicable | Manufacturers Data Reports to be at | tached | |
|---|--|-----------------------------------|---------------------------------------|
| CE | RTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are co | prrect and this conforms to the requirem | ents of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | · · · · · · · · · · · · · · · · · · · |
| Signed Sanch | ISI ENGINEER | Date | 6/16/2010 |
| | Owner or Owner's Designee, Title | | |
| CERTIFIC | CATE OF INSERVICE INSPECTION | | |
| | | | |
| I, the undersigned, holding a valid commission iss | ued by the National Board of Boiler a | and Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by_THE_HARTF | ORD STEAM BOIL | ER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD, | CONNECTICUT have inspected the | components describ | ed in this Owner's |
| Report during the period <u>11/9/2009</u> | to6/16/2010 | and state t | hat to the best of |
| my knowledge and belief, the Owner has perform | ned examinations and taken correction | ve measures describ | ed in this Owner's |
| Report in accordance with the requirements of the | ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector c | r his employer makes any warranty, | expressed or implie | ed, concerning the |
| examinations and corrective measures described | in this Owner's Report. Furthermore, | neither the Inspecto | r nor his employer |
| shall be liable in any manner for any personal inju | ury or property damage or a loss of a | any kind arising from | or connected with |
| this inspection. | | | |
| ===+10)=17 | | | |
| Inspector's Signature | | NC# 1580 e, Province, and Endc | rsements |
| | | | |
| Date: <u>6/16/2010</u> | | | |
| | | | |
| | · | . <u>.</u> | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | | Date: | | 6/16/2010 | |
|---|---|------------------------------|----------------------------|-----------------------|---------------------|-----------------------------|-------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 2760 | 02 | | Sheet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSON Name | 1 | | | Unit: | | 2 | |
| 3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#:N/A EE:N/A Address WR/WO:1531208 02 CR:N/A Repair Organization PO No; Job No;etc | | | | | | etc. | | | |
| 3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: | | | | | | | | | |
| 4. | Identification of System: Class:3 COMPONENT COOLING WATER SYSTEM 4080 | | | | | | | | |
| 5. | (a) A | pplicable Construction | on Code <u>: B31.1</u> | | | Addenda : <u>H-11065</u> | | Code Case <u>:</u> | |
| | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repla | cement A | Activity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identific | ation of Component | s Repaired or Rep | laced and Re | placemer | nt Componer | nts | | |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | ation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Butterfly | Valve | Fisher | N/A | N/A | CC-748 | 3B . | 1971 | Removed | Ň |
| Butterfly | Valve | Emerson Process Mgmt | 18358398 | N/A | CC-748 | 3B | 2010 | Installed | N |
| | | | | | | · | | · | |

7. Description of Work: <u>Replace Butterfly Valve and associated hardware</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1531208-02 turnover package</u> Applicabl | e Manufacturers Data Reports to be at | ached | <u>-</u> |
|---|---|---------------------------------------|---------------------|
| c | ERTIFICATE OF COMPLIANCE | | <u></u> |
| I certify that the statements made in the report are | correct and this conforms to the requirem | ents of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | N/A | | ····· |
| Certificate of Authorization No | | · · · · · · · · · · · · · · · · · · · | |
| Signed Jaky Sanch | ISI ENGINEER | Date | 6/16/2010 |
| | Owner or Owner's Designee, Title | <u> </u> | |
| CERTIF | ICATE OF INSERVICE INSPECTION | ····· ··· ···· · | |
| | | • | |
| I, the undersigned, holding a valid commission is | ssued by the National Board of Boiler a | nd Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HARTF | ORD STEAM BOI | LER INSPECTION |
| AND INSURANCE COMPANY of HARTFORE | 0, CONNECTICUT have inspected the | components descrit | bed in this Owner's |
| Report during the period <u>9/23/2009</u> | to <u>6/16/2010</u> | and state | that to the best of |
| my knowledge and belief, the Owner has perfor | med examinations and taken correctiv | e measures describ | ped in this Owner's |
| Report in accordance with the requirements of the | ne ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspector | or his employer makes any warranty, | expressed or impli | ed, concerning the |
| examinations and corrective measures describe | d in this Owner's Report. Furthermore, | neither the Inspect | or nor his employer |
| shall be liable in any manner for any personal ir | njury or property damage or a loss of a | any kind arising from | or connected with |
| this inspection. | | | |
| | | | |
| Inspectór's Signature | | NC# 1580 e, Province, and End | orsements |
| | | | |
| Date: 6/16/2010 | | | |
| | ۵ | | |
| · · · · · · · · · · · · · · · · · · · | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | | | · · · · · · · · · · · · · · · · · · · | | <u>-</u> | | | | |
|--------------------|---------------|--------------------------------|---------------------------------------|--------------------------------|--|-----------------------|-------------------------------|---|---|
| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | | Date: | | 6/3/2010 | |
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | | Sheet: | 1 | of | 2 |
| 2. | Plant _ | H.B.ROBINSON Name | <u>۱</u> | | | Unit: | | 2 | |
| | <u>3581 M</u> | /EST Entrance RD; I Address | HARTSVILLE, SC | 29550 | ESR#:N/A EE:NA WR/WO:1398612 01 CR:N/A Repair Organization PO No;Job N | | | | |
| 3. | | erformed by <u>CAROL</u> | | <u>NY</u> | Authorizati | on No.: | amp: <u>N/A</u> N/A N/A | | |
| • | | Address | | | | | | | · |
| 4. | Identifie | cation of System: | Clas | s:3 | | SERVICE V | VATER SYS | STEM | 4060 |
| 5. | (a) A | pplicable Construction | on Code: <u>B31.1</u> | Edition <u>:</u> Design Spe | | | a <u>:N/A</u> | Code Case <u>:N/A</u> | |
| | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repla | cement A | Activity: <u>1998</u> | 5 Edition 199 Code Ca | | |
| 6. | Identifie | cation of Component | s Repaired or Rep | laced and Re | placeme | nt Compone | nts | | |
| Name of Compone | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identific | ation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Valve | | Weldstar | 738793/CT91 18 | N/A | SW-92 | · | 2010 | Installed | N |
| | | | | | | <u></u> | | | |
| | | | · · | | | <u> </u> | | | |
| · . | | <u> </u> | | | | | | | |
| · . | | | | | | | | | |
| | | | | | | | | | |
| 7. | Descrip | ntion of Work: <u>Tack v</u> | veld bushing to bo | nnet_ | | | <u>.</u> | | |

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

SECTION XI DIVISION 1

FORM NIS-2 (Back)

| emarks: <u>See WO 1398612 turnover package</u> Applic | able Manufacturers Data Reports to be | e attached | |
|--|--|--------------------------------------|---|
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report a | are correct and this conforms to the requi | rements of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | <u>N/A</u> | · | <u></u> |
| Certificate of Authorization No | N/A | | |
| Signed _ Cart Sanch | ISI ENGINEER | Date | 6/3/2010 |
| | Owner or Owner's Designee, Title | | |
| CER | TIFICATE OF INSERVICE INSPECTIO | DN | : |
| | | 1 | i |
| I, the undersigned, holding a valid commissio | on issued by the National Board of Boild | er and Pressure Vessel | Inspectors and th |
| State or Province of North Carolina | and employed by THE HAF | RTFORD STEAM BOI | LER INSPECTIO |
| AND INSURANCE COMPANY of HARTEC | ORD, CONNECTICUT have inspected t | the components descrit | bed in this Owne |
| · · · · · · · · · · · · · · · · · · · | | and state that to | |
| knowledge and belief, the Owner has perfo | | | |
| Report in accordance with the requirements of | | | • |
| | | | |
| By signing this certificate neither the Inspec | ctor or his employer makes any warra | nty, expressed or impli | ed, concerning t |
| examinations and corrective measures descr | | • | |
| shall be liable in any manner for any person | | | 1. A. |
| this inspection. | | | |
| | | | |
| - Emt Will | Commissions | NC# 1580 State, Province, and End | |
| Inspector's Signature | National Doard, s | State, FIOVINCE, and ENU | u sements |
| Date: 6/3/2010 | | | |
| | | | |
| | | | |

1995 Edition 1996 Addenda

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address Sheet: | 1. C | Owner | CAROLINA PC | WER & LIGHT (Name | COMPANY | | Date: | | 6/2/2010 | |
|---|------------|---------------------------------------|---------------------|-----------------------|--------------------------------|--------------|---------------------|------------------|-----------------|--------------------------|
| Name SS81 WEST Entrance RD; HARTSVILLE, SC 29550 Address ESR#.N/A EE:N/A Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name Type Code Symbol Stamp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Type Code Symbol Stamp: N/A 3681 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address SPENT FUEL POOL COOLING SYSTEM 7110 (a) Applicable Construction Code: ASME Sec VIII Design Specification: 1968 676474 Addrenda:N/A Code Case: (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Name of Manufacturer National Board No. Other Identification Year Built Repaired, Replaced, or Replaced, National ASME Code Code No Fube Plug Dubose 7366H N/A SFPC-HTX 2010 Installed N Nut Nova S67159 N/A SFPC-HTX 2010 Installed N | 4 | 111 FAYI | | RALEIGH, NC 27 | 602 | | Sheet: | 1 | of | 2 |
| 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address WR/WO:1372330 01 CR:N/A Repair Organization PO No;Job No;etc. Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name Type Code Symbol Stamp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Type Code Symbol Stamp: N/A 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address SPENT FUEL POOL COOLING SYSTEM 7110 (a) Applicable Construction Code: ASME Sec VIII Design Specification: Edition: 1968 Addreda;N/A Code Case: (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N/A Identification of Components Repaired or Replaced and Replacement Components Repaired, Replaced, or Replaced, Name of ASME Code Stamp (Yes or No) ASME Replaced, or Replacement ASME Code Stamp (Yes or No) Tube Plug Dubose 7366H N/A SFPC-HTX 2010 Installed N Aut Nova S67159 N/A SFPC-HTX 2010 Installed N | . F | Plant | | <u>N</u> | | | Unit: | <u></u> | 2 | |
| Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name Type Code Symbol Stamp: | . <u>3</u> | 3581 WE | | HARTSVILLE, S | <u>C 29550</u> | | WR/WO:1 | 372330 01 | CR:N/A | ····· |
| (a) Applicable Construction Code: ASME Sec VIII Design Specification: 1968 Design Specification: 676474 Addenda:N/A Code Case: | | | ST ENTRANCE F | Name | | | Authorizati | on No.: | N/A | |
| Design Specification: <u>676474</u> (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N/A</u> S: Identification of Components Repaired or Replaced and Replacement Components ame of omponent Name of Manufacturer Manufacturer Serial No. National Board No. Other Identification Year Built Repaired, Replaced, or Replacement ASME Code Stamp (Yes or No) Tube Plug Dubose 7366H N/A SFPC-HTX 2010 Installed N Nut Joseph Oat N/A N/A SFPC-HTX 2010 Installed N | i. k | dentifica | tion of System: | Cla | ass:3 | <u>S</u> | PENT FUI | EL POOL C | OOLING SYSTEM | 7110 |
| (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N/A</u> Identification of Components Repaired or Replaced and Replacement Components ame of omponent Name of Manufacturer Manufacturer Serial No. National Board No. Other Identification Year Built Repaired, Replaced, or Replaced, or Replacement ASME Code Stamp (Yes or No) Fube Plug Dubose 7366H N/A SFPC-HTX 2010 Installed N Nut Joseph Oat N/A N/A SFPC-HTX 2010 Installed N | i. (; | a) Apr | blicable Construct | ion Code <u>: ASM</u> | <u>E Sec VIII</u> Design Sp | | | Addenda <u>:</u> | V/A Code | e Case <u>:</u> |
| ame of pomponentName of ManufacturerManufacturer Serial No.National Board No.Other IdentificationYear BuiltRepaired, Replaced, or ReplacementASME Code Stamp (Yes or No)Fube PlugDubose7366HN/ASFPC-HTX2010InstalledNNutJoseph OatN/AN/ASFPC-HTX1968RemovedNNutNovaS67159N/ASFPC-HTX2010InstalledN | (1 | b) Appl | icable Edition of S | Section XI Used f | or Repair/Repl | lacement Ac | tivity: <u>1998</u> | | | |
| omponentManufacturerSerial No.Board No.IdentificationBuiltReplaced, or ReplacementCode Stamp (Yes or No)Tube PlugDubose7366HN/ASFPC-HTX2010InstalledNNutJoseph OatN/AN/ASFPC-HTX1968RemovedNNutNovaS67159N/ASFPC-HTX2010InstalledN | 6 <u> </u> | dentifica | tion of Componen | ts Repaired or R | eplaced and R | eplacement | Compone | nts | · | - <u></u> |
| NutJoseph OatN/AN/ASFPC-HTX1968RemovedNNutNovaS67159N/ASFPC-HTX2010InstalledN | | | - | | | | on | | Replaced, or | Code Stamp (Yes or |
| NutNovaS67159N/ASFPC-HTX2010InstalledN | Tube Plug | · · · · · · · · · · · · · · · · · · · | Dubose | 7366H | N/A | SFPC-H | тх | 2010 | Installed | N |
| | Nut | · | Joseph Oat | N/A | N/A | SFPC-H | ТХ | 1968 | Removed | N |
| | Nut | | Nova | S67159 | N/A | SFPC-H | тх | 2010 | Installed | N |
| | | | | | | | | | | |
| | <u> </u> | | | | | | | | | |
| | | | | | | | | | | |
| | ····· | Descripti | on of Work: Tube | plugging and las | | | | | | |
| | | | | | · · | erating Pres | sure [-] | | • | |
| | | | ducted: Hydrostal | ic [-] Pneumatic | [-] Nominal Op | - | | | • • | |

SECTION XI DIVISION 1

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FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1372330 turnover package.</u> Applicable Manufacturers | Data Reports to be attac | hed | |
|--|----------------------------|----------------------|------------------|
| CERTIFICATE OF | COMPLIANCE | | |
| I certify that the statements made in the report are correct and this of | onforms to the requirement | ts of the ASME Code | , Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| Signed Clark Sanch | | Date | 6/2/2010 |
| Owner or. Owr | er's Designee, Title | | · · · |
| CERTIFICATE OF INSE | RVICE INSPECTION | | |
| | | | |
| I, the undersigned, holding a valid commission issued by the Na | tional Board of Boiler and | Pressure Vessel In | spectors and the |
| | oyed by THE HARTFOR | | |
| AND INSURANCE COMPANY of | | , | |
| | 6/2/2010 and | | |
| knowledge and belief, the Owner has performed examination | | | |
| Report in accordance with the requirements of the ASME Code, | | | |
| · · · · · · · · · · · · · · · · · · · | | | |
| By signing this certificate neither the Inspector or his employe | r makes any warranty, e | xpressed or implied | concerning the |
| examinations and corrective measures described in this Owner | | | · . |
| shall be liable in any manner for any personal injury or property | | | |
| this inspection. | admage of a loos of any | | |
| | | | |
| 12 thomas | | # 1580 | |
| Inspector's Signature | National Board, State, | riovince, and Endors | ements |
| Date: <u>6/2/2010</u> | | | |
| | | | |
| | | | - |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | <u>CAROLINA PO'</u> | WER & LIGHT CC | <u>)MPANY</u> | | Date: | | 5/31/2010 | |
|---------------------|--|-----------------------------------|----------------------------|---|---------------------|---|---------------------------|------------------------|-----------------------|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 2760 |)2 | | Sheet: | 1 | of 2 | |
| 2. | Plant _ | Plant <u>H.B.ROBINSON</u> Name | | | | | | 2 | |
| | <u>3581 M</u> | VEST Entrance RD; I 7Address | | ESR#:N/A EE:N/A WR/WO:1122963 01 CR:N/A Repair Organization PO No;Job No;etc. | | | | | |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address | | | | | Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A | | | |
| 4. | Identific | cation of System: | Clas | <u>s:3</u> | (| COMPONEN | | <u>G WATER SYSTEM</u> | <u>VI 4080</u> |
| 5. | (a) A | pplicable Constructio | on Code <u>: B31.1</u> | | | Addenda 83309 R/ | | Code Case <u>:N/A</u> | |
| | (b) Ap | oplicable Edition of Se | ection XI Used for | Repair/Replac | cement A | ctivity: <u>1995</u> | Edition 1996 Code Case | | |
| 6. | Identific | cation of Component | s Repaired or Rep | laced and Re | placemer | <u>it Componen</u> | its | <u></u> | |
| Name of Componen | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | ation | Year Built | Repaired, Replaced, | ASME Code Stamp |

| 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) |
|----------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Valve Disc | Velan | N/A | N/A | CC-776 | 1971 | Removed | N |
| Valve Disc | Velan | 7122 | N/A | CC-776 | 2010 | Installed | N |
| | | | · | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work: <u>Replace valve disc</u>

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

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

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1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| emarks: <u>See WO 1122963 turnover package</u> Applicable Ma | nufacturers Data Reports to be a | ittached | |
|---|---|---------------------------------------|---------------------|
| CERTI | FICATE OF COMPLIANCE | | <u></u> |
| I certify that the statements made in the report are correct | | monto of the ASME C | ada Castian VI |
| | | ments of the ASIME C | ode, Section AI. |
| Type Code Symbol Stamp | | · · · · · · · · · · · · · · · · · · · | |
| Certificate of Authorization No. | | · · · · · · · · · · · · · · · · · · · | |
| Signed Lath Sanch | ISI ENGINEER vner or Owner's Designee, Title | Date | 5/31/2010 |
| | | 1 | |
| CERTIFICAT | E OF INSERVICE INSPECTION | 1 | |
| | | | · |
| I, the undersigned, holding a valid commission issued | by the National Board of Boiler | and Pressure Vesse | I Inspectors and th |
| State or Province of <u>North Carolina</u> | and employed by THE HART | FORD STEAM BO | ILER INSPECTIO |
| AND INSURANCE COMPANY_ofHARTFORD, CO | NNECTICUT have inspected the | e components descr | ibed in this Owner |
| Report during the period 5/14/2010 | to 5/31/2010 | and state | that to the best |
| my knowledge and belief, the Owner has performed | | | |
| Report in accordance with the requirements of the AS | | | |
| | | | |
| By signing this certificate neither the Inspector or hi | in amployor makan any warrant | v overessed or imp | lied concerning th |
| | · · · · | | |
| examinations and corrective measures described in t | | | |
| shall be liable in any manner for any personal injury | or property damage or a loss of | any kind ansing tro | n or connected wit |
| this inspection. | | | |
| Entled in Chi | Commissions | NC# 1580 | |
| Inspector's Signature | | ate, Province, and End | lorsements |
| | | • | |
| Date: <u>5/31/2010</u> | | ; | |
| | | | |
| <u></u> | <u></u> | <u></u> | |
| | | : | 10-007 |
| | | | |
| | | | |
| | | | |
| | | | |

Form NIS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | | Date: | | 5/31/2010 | |
|---------------------|---------------|------------------------------|----------------------------|-----------------------|---------------------|-----------------------|----------------------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | | Sheet: | 11 | of2 | 2 |
| 2. | Plant _ | H.B.ROBINSOI Name | N | <u> </u> | | | | 2 | |
| | <u>3581 V</u> | VEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | WR/WO:11 | 122961 01 air Organizat | | etc. |
| 3. | Work F | Performed by CAROL | INA POWER & L Name | IGHT COMPA | NY | | Symbol Star | | |
| | <u>3581 V</u> | VEST ENTRANCE R Address | D; HARTSVILLE, | SC 29550 | · | Expiration | Date: | <u>N/A</u> | |
| 4. | Identifie | cation of System: | Clas | s:3 | <u> </u> | COMPONE | NT COOLING | <u> SWATER SYSTE</u> | <u>M 4080</u> |
| 5. | (a) A | pplicable Constructi | on Code <u>: B31.1</u> | | | Addenda 83309 R | | Code Case <u>:N/A</u> | |
| | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repla | cement A | Activity: <u>1995</u> | Edition 199 Code Cas | | |
| 6. | Identifi | cation of Component | s Repaired or Rep | placed and Re | placemer | nt Componer | its | | , |
| Name of Componer | nt | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | ation | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Valve D | isc | Velan | N/A | N/A | CC-772 | 2 | 1971 | Removed | N |
| Valve D | isc | Velan | 7121 | N/A | CC-772 | 2 | 2010 | Installed | N |
| | | | | | | | | | |

7. Description of Work: <u>Replace valve disc</u>

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

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

.

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

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Sheet 2 of 2.

| Remarks: <u>See WO 1122961 turnover package</u> Applicable Manufac | cturers Data Reports to be a | attached | ÷ |
|---|------------------------------------|--|--|
| CERTIFICA | TE OF COMPLIANCE | | |
| I certify that the statements made in the report are correct and | d this conforms to the require | ments of the ASME Co | de, Section XI. |
| Type Code Symbol Stamp | N/A | ······ | ······································ |
| Certificate of Authorization No | N/A | ······································ | |
| Signed _ Jakk Sandle | ISI ENGINEER | Date | 5/31/2010 |
| Owner | or Owner's Designee, Title | | |
| CERTIFICATE OF | INSERVICE INSPECTION | i | |
| | | I | |
| I, the undersigned, holding a valid commission issued by t | he National Board of Boiler | and Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> and | employed by THE HART | FORD STEAM BOIL | ER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD, CONNE | CTICUT have inspected the | e components describ | ed in this Owner's |
| Report during the period 5/14/2010 | to5/31/2010 | and state | that to the best of |
| my knowledge and belief, the Owner has performed exar | ninations and taken correct | tive measures describ | ed 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 en | nployer makes any warrant | y, expressed or impli | ed, concerning the |
| examinations and corrective measures described in this C | wner's Report. Furthermore | e, neither the Inspecto | or nor his employer |
| shall be liable in any manner for any personal injury or pr | operty damage or a loss of | any kind arising from | or connected with |
| this inspection. | | | |
| - Hui | Commissions | NC# 1590 | |
| linspector's Signature | Commissions National Board, Sta | NC# 1580 ate, Province, and Endo | orsements |
| U | | | |
| Date:5/31/2010 | | | |
| | | | |
| | | | |
| | | | 10-006 |
| | | | |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | | R & LIGHT COMPANY | Date: | 5/7/2010 |
|----|----------------|--------------------------------|-----------------------------|--|-------------------------------|
| | <u>411 FAY</u> | ETTEVILLE ST., RALE Address | IGH, NC 27602 | Sheet: 1 | of 2 |
| 2. | Plant | H.B.ROBINSON Name | | Unit: | 22 |
| | | | | ESR#:N/A | EE:N/A |
| | <u>3581 WE</u> | ST Entrance RD; HAR | TSVILLE, SC 29550 | WR/WO:559032 | CR:N/A |
| | | Address | | Repair Orga | anization PO No; Job No; etc. |
| 3. | Work Pe | rformed by CAROLINA | POWER & LIGHT COMPA | NY Type Code Symbo | N/A |
| | | · · · · | Name | Authorization No.: | N/A |
| | <u>3581 WE</u> | ST ENTRANCE RD; H | IARTSVILLE, SC 29550 | Expiration Date: | |
| | | Address | | - | . • |
| 4. | Identifica | tion of System: | Class:2 | MAIN STEAM SYS | TEM3050 |
| 5. | (a) Ap | plicable Construction C | | <u>1971</u> Addenda <u>:N/A</u> ecification: <u>N/A</u> | Code Case <u>:N/A</u> |
| | (b) App | licable Edition of Section | on XI Used for Repair/Repla | acement Activity: <u>1995 Edition</u> | 1996 Addenda |

Code Case: <u>N/A</u>

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 | Grinnell | 30075 | N/A | SNUBBER 29 | 1971 | Removed | N |
| Snubber | Grinnell | 36766 | N/A | Snubber 29 | 2010 | Installed | N |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

7. Description of Work: <u>Replaced snubber</u>

8.

6.

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

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

Form NIS2

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 559032 turnover package

| · | | | |
|--|-------------------------------------|-----------------------|----------------------|
| CERTIFICATE OF | COMPLIANCE | | |
| I certify that the statements made in the report are correct and this co | onforms to the requirem | ents of the ASME C | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | ······ |
| Certificate of Authorization No. | N/A | | |
| Signed Clath Sanch 1 | | Date | <u>5/7/2010 ,</u> |
| Owner or Owne | er's Designee, Title | | |
| CERTIFICATE OF INSE | RVICE INSPECTION | 4 | |
| | | · · · | |
| I, the undersigned, holding a valid commission issued by the Nat | ional Board of Boiler a | nd Pressure Vesse | I Inspectors and the |
| State or Province of <u>North Carolina</u> and emplo | yed by THE HARTE | ORD STEAM BO | ILER_INSPECTION |
| AND INSURANCE COMPANY_of _ HARTFORD, CONNECTICU | Thave inspected the | components descr | ibed in this Owner's |
| Report during the period <u>5/6/2010</u> to <u>5/7/201</u> | 0and state | that to the best of | my knowledge and |
| belief, the Owner has performed examinations and taken correction | ve measures describe | d in this Owner's R | eport 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 imp | lied, concerning the |
| examinations and corrective measures described in this Owner's | Report. Furthermore, | neither the Inspec | tor nor his employer |
| shall be liable in any manner for any personal injury or property | damage or a loss of a | any kind arising from | m or connected with |
| this inspection. | | • | |
| | | - | |
| Inspector's Signature | Commissions National Board, Stat | NC# 1580 | dorsements |
| indector a digitary | | | |
| Date: <u>5/7/2010</u> | | | |
| | | | |

Form NIS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | WER & LIGHT CC Name | OMPANY | | Date: | | 5/7/2010 | |
|---------------------|---------------|---|----------------------------|----------------------------------|---------------------|---|---------------|--|-----------------------|
| | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 2760 |)2 | ÷ | Sheet: | | of | 2 |
| 2. | Plant _ | H.B.ROBINSON Name | N | | | | · · · · · | 2 | |
| | <u>3581 M</u> | /EST Entrance RD; / Address | HARTSVILLE, SC | 29550 | | ESR#:N/A WR/WO:77 Rep | 4551 | EE:N/A CR:N/A ation PO No;Job No | · |
| 3. | | Performed by <u>CAROL</u> /EST ENTRANCE R Address | Name D; HARTSVILLE, | | <u>NY</u> | Type Code Authorizatio Expiration (| on No.: | amp: <u>N/A</u> N/A N/A | ····· |
| 4. | Identific | cation of System: | Clas | s:3 | | MAIN STEA | MSYSTEN | Λ | |
| 5. | (a) A | pplicable Constructi | on Code <u>: B 31.1</u> | Edition <u>: 1</u> Design Spe | | Addenda CPL-R2- | | Code Case <u>:N/A</u> | |
| 6. | | plicable Edition of S cation of Component | · · · · | | | | Code Ca | | |
| Name of Componer | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identifica | | Year Built | Repaired, Replaced, or | ASME Code Stamp |
| • • | | | | | | | | Replacement | (Yes or No) |
| Piston/d | isc | Vogt | N/A | N/A | MS-263 | BA . | 1991 | Removed | . N. |

2010

Installed

7. Description of Work: replaced valve piston/disc

Vogt

Piston/disc

.

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

N/A

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

N/A

MS-263A

10-004

N

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Apr | e blicable Manufacturers Data Reports to be at | tached | |
|--|---|----------------------------------|--|
| | CERTIFICATE OF COMPLIANCE | | |
| certify that the statements made in the repo | ort are correct and this conforms to the requiren | nents of the ASME C | Code, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No. | N/A | · · · | |
| signed Clath Samo | With SI ENGINEER Owner or Owner's Designee, Title | Date | 5/7/2010 |
| | ERTIFICATE OF INSERVICE INSPECTION | | ידע _{ונעריבי} בייזענענע איילאקענערייי : |
| | | 4 ¹ | |
| | | | |
| | sion issued by the National Board of Boiler a | | |
| | and employed by THE HARTE | | |
| AND INSURANCE COMPANY_of | FORD, CONNECTICUT have inspected the | components desci | ribed in this Owne |
| Report during the period <u>5/6/2010</u> | to <u>5/7/2010</u> and state | that to the best o | f my knowledge a |
| belief, the Owner has performed examinat | ions and taken corrective measures describe | ed in this Owner's F | Report in accordan |
| with the requirements of the ASME Code, | Section XI. | | |
| | | | |
| By signing this certificate neither the lost | pector or his employer makes any warranty | expressed or imp | olied, concerning t |
| | | , | |
| | scribed in this Owner's Report Furthermore | neither the insper | |
| | scribed in this Owner's Report. Furthermore | • • | ctor nor his employ |
| shall be liable in any manner for any pers | scribed in this Owner's Report. Furthermore conal injury or property damage or a loss of | • • | ctor nor his employ |
| | | • • | ctor nor his employ |
| shall be liable in any manner for any pers | conal injury or property damage or a loss of | any kind arising fro | ctor nor his employ |
| shall be liable in any manner for any pers | conal injury or property damage or a loss of Commissions | • • | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ om or connected w dorsements |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ om or connected w dorsements |
| shall be liable in any manner for any pers this inspection. | conal injury or property damage or a loss of Commissions | any kind arising fro NC# 1580 | ctor nor his employ or or connected w |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Ówner | CAROLINA PO | WER & LIGHT (Name | COMPANY | Dat | e: | | 6/3/2010 | |
|--|---------------|--|---|---|---|---|--|--|--|
| | <u>411 FA</u> | YETTEVILLE ST. F Address | RALEIGH, NC 27 | 602 | She | et: | _1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSO Name | N | | Uni | t <u></u> | | 2 | |
| | <u>3581 W</u> | VEST Entrance RD; Address | HARTSVILLE, S | C 29550 | <u>ESI</u> WR | R#:N/A /WO:1669 Repair (| 193 01 Organiza | EE:N/ CR:N/ ation PO No;Job I | Α |
| 3. | | Performed by <u>CARO</u> VEST ENTRANCE R Address | Name | | Aut | horization N | No.: | amp: <u>N/</u> N/ N/ | |
| 4. | Identific | cation of System: | Cla | ass:2 | CHE | MICAL AN | ο νοιι | JME CONTROL | SYSTEM200 |
| 5. | (a) A | pplicable Constructi | ion Code <u>: B 31.</u> | | | ddenda <u>:N/</u> | | Code Case <u>.N/</u> CPL-HBR2-M-04 | |
| | | | | | | | | | <u>~</u> |
| 6. | | oplicable Edition of S cation of Component | .* | or Repair/Repla | acement Activit | y: <u>1995_Ed</u> C | lition 19 | | - |
| 6. Name of Compone | Identific | · . | .* | or Repair/Repla | acement Activit | y: <u>1995 Ed</u> C mponents | lition 19 | 96 Addenda | ASME Code Stamp |
| Name of | Identific | cation of Componen | ts Repaired or R | or Repair/Replaed and Replaced | acement Activit | y: <u>1995 Ed</u> C mponents | lition 19 Code Ca Year | 96 Addenda se: <u>N-416-3</u> Repaired, Replaced, or | ASME Code Stamp (Yes or |
| Name of Compone | Identific | Cation of Componen Name of Manufacturer | ts Repaired or R Manufacturer Serial No. | or Repair/Repla eplaced and Re National Board No. | acement Activit | y: <u>1995 Ed</u> C mponents | i <u>tion 19</u> Code Ca Year Built | 96 Addenda se: <u>N-416-3</u> Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Name of Compone Valve | Identific | Cation of Componen Name of Manufacturer Edwards | ts Repaired or R Manufacturer Serial No. 61BHK | or Repair/Repla eplaced and Re National Board No. N/A | Other Identification | ry: <u>1995 Ed</u> C mponents 1! 2(| iition 19 Code Ca Year Built 999 | 96 Addenda se: <u>N-416-3</u> Repaired, Replaced, or Replacement Replacement | ASME Code Stamp (Yes or No) N |
| Vame of Component Valve Valve | Identific | Cation of Componen Name of Manufacturer Edwards Flowserve | ts Repaired or R Manufacturer Serial No. 61BHK 63BLS | or Repair/Repla eplaced and Re National Board No. N/A N/A | Other Identification | ry: <u>1995 Ed</u> C mponents 19 20 R-236 20 | Year Built 999 | 96 Addenda se: <u>N-416-3</u> Repaired, Replaced, or Replacement Removed Installed | ASME Code Stamp (Yes or No) N |
| Vame of Compone Valve Valve Piping | Identific | Cation of Componen Name of Manufacturer Edwards Flowserve Maintenance | ts Repaired or R Manufacturer Serial No. 61BHK 63BLS N/A | or Repair/Repla eplaced and Re National Board No. N/A N/A N/A | Other Identification CVC-277A CVC-277A 2-CH-2502F | ry: <u>1995 Ed</u> C mponents 19 20 R-236 20 | Year Built 999 010 | 96 Addenda se: <u>N-416-3</u> Repaired, Replaced, or Replacement Removed Installed Removed | ASME Code Stamp (Yes or No) N N N |

7. Description of Work: Replaced valve and piping.

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Remarks: <u>See WO 1669193 turnover package</u> Applicable Ma | anufacturers Data Reports to be a | ttached | |
|--|--------------------------------------|-----------------------------------|---------------------|
| CERT | IFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report are corre | ct and this conforms to the requirer | nents of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | |
| Certificate of Authorization No | N/A | | |
| Signed _ Clath Sander | ISI ENGINEER | Date | 6/3/2010 |
| 0 | wner or Owner's Designee, Title | · | |
| CERTIFICAT | FE OF INSERVICE INSPECTION | : | |
| | · · · · · | | |
| I, the undersigned, holding a valid commission issue | d by the National Board of Boiler | and Pressure Vessel | Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HARTI | FORD STEAM BOI | LER INSPECTION |
| AND INSURANCE COMPANY of HARTFORD, CO | DNNECTICUT have inspected the | components descri | bed in this Owner's |
| Report during the period 2/18/2010 | to6/3/2010 | _and state that to | the best of my |
| knowledge and belief, the Owner has performed e | examinations and taken correctiv | e measures describ | ed in this Owner's |
| Report in accordance with the requirements of the AS | SME Code, Section XI. | 3 | |
| | | | |
| By signing this certificate neither the Inspector or h | is employer makes any warranty | , expressed or impl | ied, concerning the |
| examinations and corrective measures described in | this Owner's Report. Furthermore | , neither the Inspect | or nor his employe |
| shall be liable in any manner for any personal injury | or property damage or a loss of | any kind arising from | n or connected with |
| this inspection. | | | |
| | | : | |
| Mant Wy Ch | | NC# 1580 te, Province, and End | orcomonte |
| Inspector's Signature | National Board, Sta | te, Flownce, and End | orsements |
| Date: 6/3/2010_ | • | | |
| | | | - - |
| | | | |
| | | : | |
| | | | 10-003 |
| | | | |
| | | • | |
| | | I | |

Ì

Pump

Pump

Johnston

Sulzer Pumps

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | <u>CAROLINA PC</u> | WER & LIGHT CO Name | OMPANY | | Date: | ····· | 3/30/2010 | |
|---------------------|---------------|---|----------------------------|-----------------------|-----------------------------|--|--|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., F Address | ALEIGH, NC 276 | 02 | · · | Sheet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSO Name | N | | | Unit: | ,, | _2 | |
| | , | | | | | ESR#:N/A | | EE:N/A | |
| | <u>3581 V</u> | /EST Entrance RD; | HARTSVILLE, SC | 29550 | | WR/WO:10 | the second s | CR:N/A | |
| | | Address | | | | Rep | air Organizat | ion PO No;Job No | ;etc. |
| 3. | | erformed by <u>CARO</u> /EST ENTRANCE F Address | Name | | | Type Code Authorization Expiration | Symbol Sta on No.: Date: | mp: <u>N/A</u> N/A N/A | |
| 4. | Identifie | cation of System: | Clas | s:3 | <u>s</u> | SERVICE W | ATER SYS | ТЕМ | 4060 |
| 5. | (a) A | pplicable Constructi | on Code <u>: B 31.1</u> | | <u>1967</u> ecification: | Addenda <u>N/A</u> | <u>::N/A</u> | Code Case <u>: N/A</u> | |
| · · · · | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repl | acement Ac | ctivity: <u>1995</u> | Edition 199 Code Cas | | |
| 6 | Identific | ation of Component | s Repaired or Rep | laced and Re | eplacement | Componer | nts | | |
| Name of Componer | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificat | | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |

| | | | · · · · · | · | |
|--|-----|------|-----------|-------|---|
| | · · | | - | | · |
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| | | | • | · · · | |
| | | l | | | |
| | | | · · · | | |

N/A

N/A

SW-PMP-B

SW-PMP-B

1990

2009

Removed

Installed

7. Description of Work: Replaced service water pump "B" for periodic maintenance.

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

JZ-6437

JZ-6435

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

10-002

N

N

· .

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2_of 2.

| Remarks: <u>See WO 1092369 turnover packa</u> Ap | age. plicable Manufacturers Data Reports to be attached | |
|---|---|---|
| | CERTIFICATE OF COMPLIANCE | |
| I certify that the statements made in the repo | ort are correct and this conforms to the requirements of the A | SME Code, Section XI. |
| Type Code Symbol Stamp | N/A | · • |
| Certificate of Authorization No | N/A | : |
| Signed Sand | ISI ENGINEER Date | 3/30/2010 |
| | Owner or Owner's Designee, Title | · · |
| C | ERTIFICATE OF INSERVICE INSPECTION | |
| | | , · · · · · · · · · · · · · · · · · · · |
| I, the undersigned, holding a valid commis | ssion issued by the National Board of Boiler and Pressure | Vessel Inspectors and the |
| | and employed by THE HARTFORD STEA | |
| | TFORD, CONNECTICUT have inspected the components | |
| Report during the period <u>11/13/2009</u> | | d state that to the best o |
| | s performed examinations and taken corrective measures | |
| Report in accordance with the requirement | | |
| | | |
| By signing this certificate neither the Ins | spector or his employer makes any warranty, expressed | or implied, concerning the |
| | escribed in this Owner's Report. Furthermore, neither the | · · · · |
| | sonal injury or property damage or a loss of any kind aris | |
| this inspection. | | |
| | | |
| | Commissions <u>NC# 1580</u> National Board, State, Province, i | and Endorsements |
| Inspector's Signature | | |
| Date: 3/30/2010 | | |
| · · · · | | |
| | | |
| · · · · | | |
| | | 10-002 |

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. | Owner | CAROLINA PO | OWER & LIGHT C Name | OMPANY | · | Date: | | 3/30/2010 | |
|------------------|---|------------------------------|----------------------------|-----------------------|--|---------------------|---------------|---|---|
| | <u>411 FA</u> | YETTEVILLE ST., Address | | 302 | | Sheet: | 1 | of | 2 |
| 2. | Plant_ | H.B.ROBINSC Name | N | | | | | 2 | |
| | <u>3581 V</u> | VEST Entrance RD; Address | | 2 29550 | | WR/WO:8 | 325798 | EE:N/A CR:N/A ation PO No;Job N | 1 |
| 3. | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name | | | | Type Code Symbol Stamp: N/A Authorization No.: N/A | | | <u> </u> | |
| · . | <u>3581 v</u> | VEST ENTRANCE Address | | <u>, SC 29550</u> | | Expiration | Date: | <u> </u> | · |
| 4. | Identifi | cation of System: | Cla | <u>ss:3</u> | | SERVICE | WATER SYS | СТЕМ | 4060 |
| 6 | ., | oplicable Edition of s | | or Repair/Repla | acement A | ctivity: <u>199</u> | Code Ca | 96 Addenda | |
| Name o Compor | | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identificat | lion | Year Built | Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Cap S | crew | Ebasco | N/A | N/A | SW-PM | P-A | 1971 | Removed | N |
| Cap S | Screw | Nova | RT7204177 | N/A | SW-PM | P-A | 2006 | Installed | N |
| | | | | | | ····· | | - | |
| | | | | | | | | | |
| | | | | | | | | ;;; | |
| | | | | | | | | | |

7. Description of Work: Replacing packing head cap screws

8.

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

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

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Remarks: See WO 825798 turnover package

Applicable Manufacturers Data Reports to be attached

| Code, Section XI. |
|-------------------|
| |
| |
| |
| 3/30/2010 |
| |
| - |

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD</u>, CONNECTICUT have inspected the components described in this Owner's

Report during the period <u>4/20/2006</u> to <u>3/30/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector 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.

Inspector's Sign

Commissions <u>NC# 1580</u> National Board, State, Province, and Endorsements

Date: 3/30/2010

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| Owner | | WER & LIGHT C(Name | OMPANY | Date: | · ·· | 8/26/2009 | |
|---|---|---|--|--|---|---|--|
| <u>411 F</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | Sheet: | 1 | of 2 | |
| Plant _ | H.B.ROBINSON Name | <u>1</u> | | Unit: | | <u> </u> | |
| | | ····· | | ESR#:717 | | EE:N/A | <u>.</u> |
| <u>3581 V</u> | VEST Entrance RD: I Address | HARTSVILLE, SC | 29550 | | 488384-4 | CR:N/A ation PO No;Job No; | te |
| | | | | | | | |
| Work I | Performed by CAROL | INA POWER & L | IGHT COMPA | NY Type Code | Symbol S | tamp: <u>N/A</u> | |
| 3581.V | VEST ENTRANCE R | | SC 29550 | Authorizati | ion No.: | <u>N/A</u> | |
| 00014 | Address | | 002000 | Expiration | Date: | | |
| | | | | 0.50 | | | |
| Identiti | | | | | | | |
| (a) (b) A | cation of System: Applicable Construction oplicable Edition of S | ection XI Used for | Edition: Design Spe Repair/Repla | 1967 Addenda confication: <u>N/A</u> accement Activity: 1999 | a <u>:N/A</u> 5 Edition 19 | UME CONTROL SY Code Case <u>: N/A</u> 996 Addenda ase: <u>416-3</u> | |
| (a) (b) A | Applicable Construction | on Code <u>: B31.1</u> ection XI Used for | Edition. Design Spe Repair/Repla | 1 <u>967</u> Addenda ecification: <u>N/A</u> acement Activity: <u>1994</u> | a <u>:N/A</u> 5 Edition 19 Code Ca | Code Case <u>: N/A</u> 296 Addenda ase: 416-3 Repaired, Replaced, | ASME |
| (a) (b) A Identifi | Applicable Construction oplicable Edition of S cation of Component | on Code <u>: B31.1</u> ection XI Used for s Repaired or Rep Manufacturer | Edition. Design Spe Repair/Repla blaced and Re National | 1967 Addenda ecification: <u>N/A</u> coment Activity: <u>1999</u> placement Compone | a <u>:N/A</u> 5 Edition 19 Code Ca nts Year Built | Code Case <u>:N/A</u> 296 Addenda ase: 416-3 Repaired, Replaced, or Replacement | ASME Code Stamp (Yes of No) |
| (a) (b) A Identifi ne of | Applicable Construction oplicable Edition of S cation of Component | on Code <u>: B31.1</u> ection XI Used for s Repaired or Rep Manufacturer | Edition. Design Spe Repair/Repla blaced and Re National | 1967 Addenda ecification: <u>N/A</u> coment Activity: <u>1999</u> placement Compone | a <u>:N/A</u> 5 Edition 19 Code Ca ints Year | Code Case <u>:N/A</u> 296 Addenda ase: 416-3 Repaired, Replaced, or Replacement | ASME Code Stamp (Yes o |
| (a) (b) A Identifi ne of nponent Piping and tings | Applicable Construction oplicable Edition of S cation of Component Name of Manufacturer Ebasco | on Code <u>: B31.1</u> ection XI Used for s Repaired Or Rep Manufacturer Serial No. | Edition. Design Spe Repair/Repla blaced and Re National Board No. | 1967 Addenda ecification: <u>N/A</u> comment Activity: <u>1999</u> placement Compone Other Other Identification 2-CH-151R-31 2-CH-151R-31 | a <u>:N/A</u> 5 Edition 19 Code Ca nts Year Built 1971 | Code Case <u>:N/A</u> <u>996 Addenda</u> ase: <u>416-3</u> Repaired, Replaced, or Replacement Replacement | ASME Code Stamp (Yes o No) |
| (a) (b) A (b) A Identifi ne of nponent Piping and tings | Applicable Construction oplicable Edition of S cation of Component Name of Manufacturer Ebasco | on Code <u>B31.1</u> ection XI Used for s Repaired or Rep Manufacturer Serial No. | Edition. Design Spa Repair/Repla Daced and Re National Board No. | 1967 Addenda ecification: <u>N/A</u> comment Activity: <u>1999</u> placement Compone Other Identification | a <u>:N/A</u> 5 Edition 19 Code Ca nts Year Built 1971 | Code Case <u>:N/A</u> <u>996 Addenda</u> ase: <u>416-3</u> Repaired, Replaced, or Replacement Removed Installed | ASME Code Stamp (Yes ou No) |
| (a) (b) A Identifi ne of nponent Piping and tings | Applicable Construction oplicable Edition of S cation of Component Name of Manufacturer Ebasco | on Code <u>: B31.1</u> ection XI Used for s Repaired Or Rep Manufacturer Serial No. | Edition. Design Spe Repair/Repla blaced and Re National Board No. | 1967 Addenda ecification: <u>N/A</u> comment Activity: <u>1999</u> placement Compone Other Other Identification 2-CH-151R-31 2-CH-151R-31 | a <u>:N/A</u> 5 Edition 19 Code Ca nts Year Built 1971 | Code Case <u>:N/A</u> <u>996 Addenda</u> ase: <u>416-3</u> Repaired, Replaced, or Replacement Replacement | ASME Code Stamp (Yes o No) |
| (a) / (b) A Identifi ne of nponent Piping and tings w Element Pipe | Applicable Construction oplicable Edition of S cation of Component Name of Manufacturer Ebasco | on Code <u>B31.1</u> ection XI Used for s Repaired or Rep Manufacturer Serial No. N/A SN# 0173742 Ht# 501455 | Edition Design Spa Repair/Repla | 1967 Addenda ecification: N/A ecement Activity: 1999 placement Compone Other Identification 2-CH-151R-31 FE-11221 2-CH-151R-31 | a <u>:N/A</u> 5 Edition 19 Code Ca ints Year Built 1971 2007 2005 | Code Case <u>:N/A</u> <u>996 Addenda</u> ase: <u>416-3</u> Repaired, Replaced, or Replacement Replacement Installed | ASME Code Stamp (Yes o No) |
| (a) (b) A Identifi ne of nponent Piping and tings w Element Pipe 90 Deg | Applicable Construction oplicable Edition of S cation of Component Name of Manufacturer Ebasco Rosemount Energy & Process Corp Dubose National | on Code <u>: B31.1</u> ection XI Used for s Repaired or Rep Manufacturer Serial No. N/A SN# 0173742 | Edition Design Spa Repair/Repla | 1967 Addenda ecification: N/A ecement Activity: 1999 placement Compone Other Other Identification 2-CH-151R-31 FE-11221 | a <u>:N/A</u> 5 Edition 19 Code Ca ints Year Built 1971 2007 | Code Case <u>:N/A</u> <u>396 Addenda</u> ase: <u>416-3</u> Repaired, Replaced, or Replacement Replacement Installed | ASME Code Stamp (Yes o No) |
| (a) (b) A Identifi | Applicable Construction oplicable Edition of S cation of Component Name of Manufacturer Ebasco Rosemount Energy & Process Corp | on Code <u>B31.1</u> ection XI Used for s Repaired or Rep Manufacturer Serial No. N/A SN# 0173742 Ht# 501455 | Edition Design Spa Repair/Repla | 1967 Addenda ecification: N/A ecement Activity: 1999 placement Compone Other Identification 2-CH-151R-31 FE-11221 2-CH-151R-31 | a <u>:N/A</u> 5 Edition 19 Code Ca ints Year Built 1971 2007 2005 | Code Case <u>:N/A</u> <u>996 Addenda</u> ase: <u>416-3</u> Repaired, Replaced, or Replacement Removed Installed | ASME Code Stamp (Yes of No) N |

7.

8.

· . :

Description of Work: Remove section of 2" line and install flow element

Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| Applicable | | | | | |
|---|--|--|---|---|--|
| CE | RTIFICATE OF CO | OMPLIANCE | <u></u> | | |
| certify that the statements made in the report are c | orrect and this conf | forms to the requir | ements of the AS | ME Code, Se | ction XI. |
| Type Code Symbol Stamp | | N/A | -i | | |
| Certificate of Authorization No. | · | N/A | | · · · · · | <u> </u> |
| Signed Cold Sanda | ISI | ENGINEER | Date | | /26/2009 |
| | Owner or Owner's | s Designee, Title | · · · · · · · · · · · · · · · · · · · | an tarta da | |
| CERTIFI | CATE OF INSERV | /ICE INSPECTIO | N T | | ······································ |
| andaria. Artista anti-artista anti-artista anti-artista anti-artista anti-artista anti-artista anti-artista anti-artista | | | | e de la composición d En el composición de la composición de l | • |
| | | | - sta ost stary | | ata sa ta sa an |
| , the undersigned, holding a valid commission is | | · · · · | 10 C | | |
| State or Province of <u>North Carolina</u> | | | alay a tarih | | |
| AND INSURANCE COMPANY of HARTFORD | CONNECTICUT | have inspected t | he components o | lescribed in | this Owner: |
| Report during the period 5/12/2009 | to | 8/26/2009 | and | state that to | the best c |
| Report in accordance with the requirements of the | e ASME Code, Se | ction XI. | ctive measures of the second | | |
| Report in accordance with the requirements of the By signing this certificate neither the Inspector examinations and corrective measures described | e ASME Code, Se or his employer m | ction XI. nakes any warra | nty, expressed o | r implied, co | nceming the |
| By signing this certificate neither the Inspector | e ASME Code, Se or his employer n I in this Owner's R | ction XI. nakes any warra Report. Furthermo | nty, expressed o re, neither the In | r. implied, .cc | nceming the |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo | nty, expressed o re, neither the In | r. implied, .cc | nceming the |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss o | nty, expressed o re, neither the In of any kind arisin | r implied, cc ispector nor g from or cc | ncerning th his employe nnected wit |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o re, neither the In | r implied, cc spector nor g from or co 88447NBAI | ncerning th his employe |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r implied, cc spector nor g from or co 88447NBAI | ncerning th his employe |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r implied, cc spector nor g from or co 88447NBAI | ncerning th his employe |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r implied, cc spector nor g from or co 88447NBAI | ncerning th his employe nnected wit |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r implied, cc spector nor g from or co 88447NBAI | ncerning th his employe nnected wit |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r. implied, .cc spector nor g from or .cc 38447NBAI d Endorseme | nicerning th his employe nnected with |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r. implied, .cc spector nor g from or .cc 38447NBAI d Endorseme | ncerning th his employe |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r. implied, .cc spector nor g from or .cc 38447NBAI d Endorseme | nicerning th his employe nnected with |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r. implied, .cc spector nor g from or .cc 38447NBAI d Endorseme | nicerning th his employe nnected with |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r. implied, .cc spector nor g from or .cc 38447NBAI d Endorseme | nicerning the his employe nnected with |
| By signing this certificate neither the Inspector examinations and corrective measures described shall be liable in any manner for any personal in this inspection. <u>Many C. R. Line Staught</u> Inspector's Signature | e ASME Code, Se or his employer m I in this Owner's R jury or property da | ction XI. nakes any warra Report. Furthermo amage or a loss _Commissions | nty, expressed o ore, neither the In of any kind arisin NC# 1169 / NE | r. implied, .cc spector nor g from or .cc 38447NBAI d Endorseme | nicerning the his employe nnected with |

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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | r <u>CAROLINA PO</u> | WER & LIGHT CO Name | <u>OMPANY</u> | Date: | | 7/30/2009 | · |
|--|---|--|---|---|--|---|-------------------------------------|
| <u>411 F/</u> | AYETTEVILLE ST., R Address | | 02 | Sheet: | 1 | of2 | 2 |
| . Plant | H.B.ROBINSOI | 1 | | Unit: | · · · · | 2 | |
| <u>3581 \</u> | WEST Entrance RD; | HARTSVILLE, SC | 29550 | | 1488384-2 | EE: CR: | ` <u> </u> |
| | Address | | , . | Ŕe | pair Organiza | ation PO No; Job No; | etc. |
| | Performed by CAROL | Name | | ANY Type Cod Authoriza | e Symbol St tion No.: | amp: <u>N/A</u> N/A | |
| 3581 | WEST ENTRANCE R Address | <u>D; HARTSVILLE,</u> | <u>SC 29550</u> | Expiration | Date: | <u>N/A</u> N/A | · · · · |
| Identif | ication of System: | Clas | ss:3 | CHEMICAI | AND VOLU | ME CONTROL SY | STEM20 |
| (a) | Applicable Constructi | on Code <u>: B31.1</u> | Edition: | <u>1967</u> Addence Decification: <u>N/A</u> | la <u>:N/A</u> | Code Case:N/A | |
| (b) A | pplicable Edition of S | anting VI Lload for | والمتعاد المتعاد | | | | |
| Identif | fication of Component | | | | Code Ca | <u>96 Addenda</u> se: <u>416-3</u> | |
| me of | | | | | Code Ca | | Code Stamp |
| me of mponent | fication of Component Name of Manufacturer | s Repaired or Re Manufacturer Serial No. | placed and R | eplacement Compone Other Identification | Code Ca ents Year | se: <u>416-3</u> Repaired, Replaced, or | Code Stamp (Yes o |
| me of mponent ' Piping and ttings | fication of Component | s Repaired or Re Manufacturer Serial No. | placed and R National Board No. | eplacement Compone Other Identification 2-CH-151R-30 | Code Ca ents Year Built 1971 | se: <u>416-3</u> Repaired, Replaced, or Replacement Removed | Code Stamp (Yes o No) N |
| me of nponent Piping and ttings | fication of Component Name of Manufacturer Ebasco | s Repaired or Re Manufacturer Serial No. | placed and R National Board No. | eplacement Compone Other Identification | Code Ca ents Year Built | se: <u>416-3</u> Repaired, Replaced, or Replacement | Code Stamp (Yes o No) |
| me of mponent ' Piping and ittings low Element | fication of Component Name of Manufacturer Ebasco | s Repaired or Re Manufacturer Serial No. | placed and R National Board No. | eplacement Compone Other Identification 2-CH-151R-30 | Code Ca ents Year Built 1971 | se: <u>416-3</u> Repaired, Replaced, or Replacement Removed | Code Stamp (Yes o No) N |
| Identif me of mponent 'Piping and ittings low Element 'Pipe '90 Deg Ibow | Fication of Component Name of Manufacturer Ebasco Rosemount Energy & | s Repaired or Re Manufacturer Serial No. N/A SN# 0172982 | placed and R National Board No. N/A N/A | eplacement Compone Other Identification 2-CH-151R-30 FE-11220 | Code Ca ents Year Built 1971 2007 | se: <u>416-3</u> Repaired, Replaced, or Replacement Removed Installed | N N |

7. Description of Work: <u>Remove section of 2" line and install flow element</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

SECTION XI DIVISION 1

FORM NIS-2 (Back)

• •

Sheet 2 of 2.

| Remarks: <u>See WO 1488384 turnover package</u> Applicabl | le Manufacturers Data Reports to be a | ttached |
|--|---|--|
| C | CERTIFICATE OF COMPLIANCE | |
| I certify that the statements made in the report are | correct and this conforms to the requirer | nents of the ASME Code, Section XI |
| Type Code Symbol Stamp | N/A | |
| Certificate of Authonization No | N/A | |
| signed _ Joht Sanders | ISI ENGINEER | Date 7/30/2009 |
| | Owner or Owner's Designee, Title | |
| CERTIF | ICATE OF INSERVICE INSPECTION | |
| | | |
| I, the undersigned, holding a valid commission i | ssued by the National Board of Boiler | and Pressure Vessel Inspectors and the |
| State or Province of North Carolina | | |
| AND INSURANCE COMPANY_of | | |
| Report during the period 5/12/2009 | to 7/30/2009 | and state that to the best of |
| my knowledge and belief, the Owner has perfo | | |
| Report in accordance with the requirements of t | | |
| | | |
| By signing this certificate neither the Inspector | r or his employer makes any warrant | v expressed or implied concerning the |
| examinations and corrective measures describe | | |
| shall be liable in any manner for any personal i | | |
| this inspection. | injury of property damage of a loss of | |
| | L | |
| Noncy C Ritthy Shrigh | In <u>Commissions</u> | NC# 1169 / NB8447NBAI |
| Inspector's Signature | National Board, Sta | ate, Province, and Endorsements |
| Date: 7/30/2009 | | |
| | | an a |
| · · · · · · · · · · · · · · · · · · · | <u></u> | |
| | · · · | |
| · · · | | 09-015 |

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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. Own | er <u>CAROLINA PO</u> | WER & LIGHT CC Name | DMPANY | Date: | | 7/30/2009 | . <u></u> |
|----------------------|--------------------------------|----------------------------|------------------------|---|--------------------------|---|---|
| <u>411 I</u> | FAYETTEVILLE ST., R Address | ALEIGH, NC 2760 |)2 | Sheet | 1 | of | 2 |
| 2. Plant | H.B.ROBINSOI | <u> </u> | ····· | Unit: | <u> </u> | 2 | . <u></u> |
| 3581 | WEST Entrance RD; Address | HARTSVILLE, SC | 29550_ | WR/WO: | 1549234 | EE:N/A CR:N/A ition PO No;Job No | • |
| 3. Work | Performed by CAROL | INA POWER & LI | GHT COMPA | NY Type Cod | e Symbol Sta | amp: N/A | |
| <u>3581</u> | WEST ENTRANCE R Address | | | Expiration | Date: | N/A N/A | |
| 4. Ident | ification of System: | | · · · | | | ME CONTROL S | STEM206 |
| 5. (a) | Applicable Constructi | on Code <u>: D1.1</u> | Edition: Design Spe | <u>1988</u> Addence | | Code Case <u>: N/A</u> | |
| , (b) | Applicable Edition of S | ection XI Used for | Repair/Repla | icement Activity: <u>199</u> | 5 Edition 199 Code Ca | | |
| 6. Ident | ification of Component | s Repaired or Rep | laced and Re | placement Compone | ents | | |
| 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) |
| Welded Rod | Mackson | N/A | N/A | CHG-PMP-B- DAMP | 2002 | Removed | N |
| Threaded Roc | Nova Machine Products | N/A | N/A | CHG-PMP-B- DAMP | 2006 | Installed | N |
| Flat Bar | Dubose National Energy | Ht JD2357 | N/A | CHG-PMP-B- DAMP | 2004 | Installed | N |
| Hex Head Nut | Nova Machine Products | HT# S67159 | N/A | CHG-PMP-B- DAMP | 2005 | Installed | N |
| | | | | | | | _ |
| | | | | | | | |

Description of Work: Replace mounting plate stud and nut.

7. 8.

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

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

SECTION XI DIVISION 1

.

FORM NIS-2 (Back)

Sheet 2 of 2

| marks: <u>See WO 1549234 turnover packag</u> Appli | icable Manufacturers Data Reports to be at | tached | • |
|---|---|---|--------------------------|
| | CERTIFICATE OF COMPLIANCE | | |
| certify that the statements made in the report | t are correct and this conforms to the requiren | nents of the ASME C | ode, Section XI. |
| ype Code Symbol Stamp | N/A | 1 | ······ |
| Certificate of Authorization No | N/A | | |
| igned Ook h Sandu | | Date | 7/30/2009 |
| | Owner or Owner's Designee, Title | | |
| CEI | RTIFICATE OF INSERVICE INSPECTION | | |
| | | • k • • | |
| , the undersigned, holding a valid commissi | ion issued by the National Board of Boiler a | and Pressure Vesse | Inspectors and t |
| State or Province of <u>North Carolina</u> | and employed by THE HARTI | FORD STEAM BO | ILER INSPECTIO |
| ND INSURANCE COMPANY of HARTE | ORD, CONNECTICUT have inspected the | components descr | ibed in this Owne |
| Report during the period 5/14/2009 | to <u>7/30/2009</u> | and state | that to the best |
| ny knowledge and belief, the Owner has p | performed examinations and taken correction | ive measures descr | ibed in this Owne |
| Report in accordance with the requirements | of the ASME Code, Section XI. | | |
| av signing this certificate neither the Inspe | ector or his employer makes any warranty | , expressed or imp | lied, concerning t |
| | cribed in this Owner's Report. Furthermore | 1 A | an the second |
| · · · · · · · · · · · · · · · · · · · | nal injury or property damage or a loss of | | |
| his inspection. | | , | |
| | a free and the second | | |
| Noncy CRitchel Stored | Commissions National Board, Sta | NC# 1169 / NB844 ite, Province, and En | |
| | | | |
| Date: 7/30/2009 | | | |
| : | | • | • · · |
| | | 3 | |
| <u></u> | | | intering a second second |

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6.

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| | • | | |
|--------------|---|--|---|
| 1. | Owner <u>CAROLINA POWER & LIGHT COM</u> Name | PANY Date: | 7/14/2009 |
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet: 1 | of 2 |
| 2. | Plant H.B.ROBINSON Name | Unit: | . 2 |
| | | ESR#:N/A | EE:87-112 |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29 | 550 WR/WO:831325 | CR:N/A |
| | Address | | nization PO No; Job No; etc. |
| 3. | Work Performed by CAROLINA POWER & LIGH | | |
| | Name | Authorization No.:_ | N/A |
| | 3581 WEST ENTRANCE RD; HARTSVILLE, SC | 29550 Expiration Date: | N/A |
| | Address | | |
| · 4 . | Identification of System: Class:3 | EMERGENCY DIES | EL GENERATOR 5095 |
| 5. | (a) Applicable Construction Code <u>: ASME VIII</u> | Edition <u>: 1965</u> Addenda <u>:N/A</u> Design Specification: <u>729-063-16</u> | Code Case <u>:N/A</u> |
| | (b) Applicable Edition of Section XI Used for Re | | <u>1996 Addenda</u> Case: <u>N/A</u> |

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) |
|----------------------|---------------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| DG-A-LO-HTX | Fairbanks Morse | N/A | N/A | Tube Bundle | 1971 | Removed | N |
| DG-A-LO-HTX | American Standard/ITT Sta | 87M 98665 01 | N/A | Tube Bundle | 1987 | Installed | N |
| · · · | | | | | | | |
| | | | | | | | · |
| | | | | | | | |
| | | | | | | | |

7. Description of Work: Replacing tube bundle

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

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1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2_ of 2.

| Appl | icable Manufacturers Data Reports to be | attached | • |
|--|--|--|-----------------------|
| | CERTIFICATE OF COMPLIANCE | | |
| I certify that the statements made in the report | are correct and this conforms to the requi | rements of the ASME C | Code, Section XI. |
| Type Code Symbol Stamp | | | |
| Certificate of Authorization No. | N/A | | |
| Signed Jakh Sanch | ISI ENGINEER | Date | 7/14/2009 . |
| | Owner or Owner's Designee, Title | · | |
| CE | RTIFICATE OF INSERVICE INSPECTIO | DN | |
| | | | |
| I, the undersigned, holding a valid commiss | ion issued by the National Board of Boile | er and Pressure Vesse | el Inspectors and the |
| State or Province of <u>North Carolina</u> | and employed by THE HAR | RTFORD STEAM BC | ILER INSPECTION |
| AND INSURANCE COMPANY of HARTE | ORD, CONNECTICUT have inspected t | the components descr | ribed in this Owner's |
| Report during the period 5/15/2006 | to7/14/2009 | and state | e that to the best o |
| my knowledge and belief, the Owner has p | performed examinations and taken corre | ective measures descr | ribed in this Owner's |
| Report in accordance with the requirements | of the ASME Code, Section XI. | | |
| | | | |
| By signing this certificate neither the Inspe | ector or his employer makes any warra | nty, expressed or imp | blied, concerning the |
| examinations and corrective measures des | cribed in this Owner's Report. Furthermo | ore, neither the Inspec | tor nor his employe |
| shall be liable in any manner for any perso | nal injury or property damage or a loss | of any kind arising fro | m or connected with |
| this inspection. | | | |
| N. portal t | +- | 101 | vulana (|
| Noncy Ritchel Slarght Inspector's Signature | Commissions National Board | NC# 1169 NC# 2169 State, Province, and En | dorsements |
| - MW | | | |
| Date: 7/##72009 | | | |
| | | | |
| | | | |

APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI $_{\rm c}$

| 1. | Owner CAROLINA POWER & LIGHT COMPANY Name | Date: | 7/14/2009 |
|------------|--|---|---|
| | 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address | Sheet: 1 | of 2 |
| 2. | Plant H.B.ROBINSON Name | Unit: | 2 |
| | 3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address | ESR#:N/A WR/WO:1523432 Repair Organ | EE:N/A CR:N/A ization PO No;Job No;etc. |
| 3 . | Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u> Address | Type Code Symbol Authorization No.: Expiration Date: | N/A |
| 4. | Identification of System: Class:3 | DG Fuel Oil System | 5100 |
| 5. | (a) Applicable Construction Code <u>: B 31.1</u> Edition <u>: 1967</u> Design Specificatio | ****** | Code Case <u>:N/A</u> |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement | | <u>996 Addenda</u> Case: <u>N/A</u> |
| 6. | Identification of Components Repaired or Replaced and Replacem | ent Components | : |

| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other Identification | Year Built | Repaired, Replaced, or Replacement | ASMÉ Code Stamp (Yes or No) |
|---------------------------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|---|---|
| Piping/Fittings | Ebasco | N/A | N/A | 2-FO-60B | 1971 | Removed | N |
| Piping | Dubose National | A83600 | N/A | 2-FO-60B | 2006 | Installed | N |
| Fittings | Dubose National | 76259 | N/A | 2-FO-60B | 2007 | Installed | N |
| · · · · · · · · · · · · · · · · · · · | | | | | | | 1 |
| | | | | | | | |
| <u> </u> | | | | | | <u> </u> | |

7. Description of Work: Like for Like replace piping and fittings

8.

beganption of trank. <u>Enterior Enteriopidos piping and intenido</u>

Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

Form NIS2

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1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

| CERTIFICATE OF COMPLIANCE I cartify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Jott Stamp Owner or Owner's Designee, Title Date CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION IND INSURANCE COMPANY_of HARTFORD, CONNECTICUT have inspected the components described in this Owner Report during the period 3/27/2009 to zigning this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning th examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector or his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Matheward Mathematican Commissions NC# 1169 Mathematicans Commissions NC# 1169 Mathematicans and corrective Signature National Board, State, Province, and Endorsements | Арри | cable Manufacturers Data Reports to be attach | ned | |
|---|--|--|------------------|-----------------------|
| Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed Janual ISI ENGINEER Date 7/14/2009 Owner or Owner's Designee, Title Date 7/14/2009 Owner or Owner's Designee, Title CERTIFICATE 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 North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner' Report during the period | | CERTIFICATE OF COMPLIANCE | - <u> </u> | |
| Certificate of Authorization No. N/A Signed | I certify that the statements made in the report | are correct and this conforms to the requirement | s of the ASME C | ode, Section XI. |
| Signed Jatt Samsh ISI ENGINEER Date 7/14/2009 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION Ite undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of North Carolina | Type Code Symbol Stamp | N/A | | |
| Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner' Report during the period <u>3/27/2009</u> to <u>7/14/09</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner' 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 th 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 wit this inspection. May Cattage Strengthered Strengthered Strengthered Commissions NC# 1169 MBSH47MERT National Board, State, Province, and Endorsements | Certificate of Authorization No. | N/A | ! | |
| Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> AND INSURANCE COMPANY of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner' Report during the period <u>3/27/2009</u> to <u>7/14/09</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner' 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 th 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 wit this inspection. May Cattage Strengthered Strengthered Strengthered Commissions NC# 1169 MBSH47MERT National Board, State, Province, and Endorsements | Signed Jakt Sande | ISI ENGINEER | Date | 7/14/2009 |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner' Report during the period <u>3/27/2009</u> to <u>7/14/09</u> and state that to the best of m knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner' 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 wit this inspection. Manual Ma | | | | |
| State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner' Report during the period | CÉF | RTIFICATE OF INSERVICE INSPECTION | | |
| AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT have inspected the components described in this Owner' Report during the period | I, the undersigned, holding a valid commissi | ion issued by the National Board of Boiler and | Pressure Vesse | el Inspectors and the |
| Report during the period | State or Province of <u>North Carolina</u> | and employed by THE HARTFOR | D STEAM BO | ILER INSPECTION |
| 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 wit this inspection. | AND INSURANCE COMPANY of _ HARTE | ORD, CONNECTICUT have inspected the cor | nponents descr | ibed 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 witt this inspection. May Cattan State, Province, and Endorsements | Report during the period 3/27/2009 | toand | I state that to | o the best of m |
| 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. May Cattly Standard Commissions NC# 1169 NB844706AT Inspector's Signature National Board, State, Province, and Endorsements | - | | easures descri | bed in this Owner's |
| 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. May Cattly Standard Commissions NC# 1169 NB844706AT Inspector's Signature National Board, State, Province, and Endorsements | | | | |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit this inspection. <u>May C Rthup Staughtur</u> Inspector's Signature Commissions <u>NC# 1169</u> <u>NB844770887</u> National Board, State, Province, and Endorsements | By signing this certificate neither the Inspe | ector or his employer makes any warranty, ex | pressed or imp | lied, concerning the |
| this inspection. <u>Noncy C Rathy Starghton</u> Inspector's Signature Commissions <u>NC# 1169</u> <u>NB84470887</u> National Board, State, Province, and Endorsements | examinations and corrective measures desc | cribed in this Owner's Report. Furthermore, ne | ither the Inspec | tor nor his employe |
| Noncy C R thug Slaughter Commissions NC# 1169 NB8447NBAT Inspector's Signature National Board, State, Province, and Endorsements | shall be liable in any manner for any person | nal injury or property damage or a loss of any | kind arising fro | m or connected with |
| | this inspection. | | | |
| | Noncy C Rather Sta | ightinCommissionsNC+ | + 1169 NB8 | 447NBRI |
| Date: 7/14/2009 | Inspector's Signature | National Board, State, F | rovince, and En | dorsements |
| | Date: 7/14/2009 | | | |
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APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. Owne | CAROLINA PO | WER & LIGHT CC Name | <u>OMPANY</u> | Date: | · . | 6/16/2009 | |
|--------------------------------|--|---|---------------------------------------|---|--------------------------------------|--|--|
| <u>411 F.</u> | AYETTEVILLE ST., R Address | ALEIGH, NC 2760 | <u>)2</u> | Sheet: | 1 | of | 2 |
| 2. Plant | H.B.ROBINSON Name | <u>N</u> | · | Unit: | | 2 | |
| <u>3581 \</u> | WEST Entrance RD; Address | <u>HARTSVILLE, SC</u> | | 31355 | EE:87-11 CR: ion PO No;Job No; | | |
| 3. Work | Performed by CAROL | | NY Type Code | Symbol Sta | mp: N/A | | |
| | WEST ENTRANCE R Address | D; HARTSVILLE, | <u>SC 29550</u> | Authorizati Expiration | on No.: Date: | <u>N/A</u> N/A | · |
| | ication of System: | | s:3 | EMERGEN | CY DIESEL (| SENERATOR | 5095 |
| (b) A | Applicable Constructi pplicable Edition of S fication of Component | ection XI Used for | Design Spe Repair/Repla | cification: <u>729-063</u> cement Activity: <u>199</u> | <u>-16</u> | | |
| Name of Component | | | placed and Re | placement Compone | nts | ti seri pita di k Tanggan tanggan | |
| | Name of Manufacturer | Manufacturer Serial No. | Naced and Re National Board No. | placement Compone Other Identification | nts Year Built | Repaired, Replaced, | ASME |
| | | Manufacturer | National | Other | Year | | |
| Tube Bundle | | Manufacturer | National | Other | Year | Replaced, or | Code Stamp (Yes or |
| Tube Bundle DG-A-JW- HTX | Manufacturer | Manufacturer Senal No: | National Board No. N/A | Other Identification DG-A-JW-HTX Tube Bundle | Year Built 1971 2006 | Replaced, or Replacement | Code Stamp (Yes or No) |
| DG-A-JW- | Manufacturer Fairbanks Morse | Manufacturer Senal No. | National Board No. N/A | Other Identification DG-A-JW-HTX | Year Built 1971 | Replaced, or Replacement Removed | Code Stamp (Yes or No) |
| DG-A-JW- HTX | Manufacturer Fairbanks Morse | Manufacturer Senal No. N/A 969203-04 | National Board No. N/A | Other Identification DG-A-JW-HTX Tube Bundle | Year Built 1971 2006 | Replaced, or Replacement Removed | Code Stamp (Yes or No) |

7. Description of Work: Replacing tube bundle

Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 831355 turnover package and attached U-2 Code Data Report

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Applicable Manufacturers Data Reports to be attached

| CE | RTIFICATE OF COMPLIANCE | | |
|---|---|---------------------|---------------------------------------|
| I certify that the statements made in the report are co | prrect and this conforms to the requireme | ints of the ASME Co | ode, Section XI. |
| Type Code Symbol Stamp | N/A | | · · · · · · · · · · · · · · · · · · · |
| Certificate of Authorization No | N/A | | |
| Signed John Sande | IST ENGINEER | Date | 6/16/2009 |

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

3650 AV.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>5/15/2006</u> to <u>6/16/2009</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NC# 1169 NODY////PL National Board, State, Province, and Endorsements

Date: 6/16/2009

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APPENDIX II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

| As Required by the | Provisions of the ASME | Code Section XI |
|--------------------|------------------------|------------------|
| | | 0000 00000000000 |

| 1. (| Owner | CAROLINA PO | WER & LIGHT CO Name | OMPANY | Date: | | 6/16/2009 | |
|---|---------------|--|---|---------------------------------------|--|---|---|---|
| · <u>4</u> | <u>411 FA</u> | YETTEVILLE ST., R Address | ALEIGH, NC 276 | 02 | Sheet: | 1 | of2 | |
| 2. F | Plant_ | H.B.ROBINSOI Name | N | | Unit: | | 2 | |
| 5 * Y | ·' . | | · · · | | ESR#:N/A | | EE:87-11 | |
| 3 | <u>3581 M</u> | <u>/EST Entrance RD;</u> Address | HARTSVILLE, SC | 29550 | | | CR:N/A | |
| . | | | , <u>,</u> , | | a da ante da a | | a shi bili a sh | 2 C. |
| 3. V | Work P | erformed by CAROL | INA POWER & LI | IGHT COMPA | | e Symbol Sta | mp: <u>N/A</u> | |
| 3 | 3581 W | JEST ENTRANCE R | | SC 29550 | Expiration | Date: | <u>N/A</u> N/A | |
| | | Address | | e e e e e e | | | | |
| 4 1 | Identific | cation of System: | | | ENERGEN | | CENEDATOD | 5005 |
| ч. I | uenum | ation of System | Clas | 5.5 | EMERGEN | ULESEL | SENERATOR | 5095_ |
| 5. (| (a) A | pplicable Constructi | on Code: ASME | VIII Edition: | 1965 Addend | a <u>:N/A</u> | Code Case <u>: N/A</u> | 1 |
| , ¹ • | ÷ | and the second second | and the second | Design Spe | cification: 729-06 | <u>3-16</u> | | Ta |
| | (b) Ap | plicable Edition of S | ection XI Used for | Repair/Repla | cement Activity: 199 | 5 Edition 199 | 6 Addenda | 5. 1 |
| | .630.5 | | | | | | | |
| | | | • • • • | | entre se a francese | Code Cas | e: <u>N/A</u> | |
| 6. 1 | Identific | cation of Component | s Repaired or Rep | | en en en en treis Al 1935 a Bastin | Code Cas | e: <u>N/A</u> | |
| Jana da Cal | | cation of Component | | placed and Re | en en en en treis Al 1935 a Bastin | Code Cas | e: <u>N/A</u> | |
| Name of | 1.4 | Name of | Manufacturer | vlaced and Re National | placement Compone | Code Cas ents Year | e: <u>N/A</u> Repaired, | ASME |
| Jana da Cal | 1.4 | and and the second second | | Naced and Re National Board No. | Other Identification | Code Cas ents Year Built | e: <u>N/A</u> Repaired, Replaced, or | |
| Name of | 1.4 | Name of | Manufacturer | Naced and Re National Board No. | placement Compone | Code Cas ents Year Built | e: <u>N/A</u> Repaired, | ASME Code Stamp (Yes or |
| Name of | 1.4 | Name of | Manufacturer | Naced and Re National Board No. | Other Identification | Code Cas ents Year Built | e: <u>N/A</u> Repaired, Replaced, or | ASME Code Stamp |
| Name of | dle | Name of | Manufacturer | Naced and Re National Board No. | Other Identification | Code Cas ints Year Built | e: <u>N/A</u> Repaired, Replaced, or | ASME Code Stamp (Yes or |
| Name of Component | idle T- | Name of Manufacturer | Manufacturer Serial No: | National Board No. N/A | Other Identification | Code Cas ints Year Built | e: <u>N/A</u> Repaired, Replaced, or Replacement | ASME Code Stamp (Yes or No) |
| Name of Component Tube Bunn | dle T- | Name of Manufacturer Fairbanks Morse | Manufacturer Serial No. | National Board No. N/A | Other Other Identification DG-A-AFT-CLR- HTX | Code Cas ents Year Built 1971 | e: <u>N/A</u> Repaired, Replaced, or Replacement Removed | ASME Code Stamp (Yes or No) |
| Name of Component Tube Bum DG-A-AFT CLR-HTX | dle T- | Name of Manufacturer Fairbanks Morse | Manufacturer Serial No. N/A 87M-98307-01 | National Board No. N/A | Officement Compone Other Identification DG-A-AFT-CLR- HTX Tube Bundle | Code Cas ents Year Built 1971 | e: <u>N/A</u> Repaired, Replaced, or Replacement Removed | ASME Code Stamp (Yes or No) |
| Name of Component Tube Bum DG-A-AFT CLR-HTX | dle T- | Name of Manufacturer Fairbanks Morse | Manufacturer Serial No. N/A 87M-98307-01 | National Board No. N/A | Officement Compone Other Identification DG-A-AFT-CLR- HTX Tube Bundle | Code Cas ents Year Built 1971 | e: <u>N/A</u> Repaired, Replaced, or Replacement Removed | ASME Code Stamp (Yes or No) |

7. Description of Work: <u>Replacing tube bundle</u>

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

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

FORM NIS-2 (Back)

Sheet 2 of 2.

6/16/200

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| emarks: | See WO | 831323 | turnover | package | and attache | d U-2 Code | Data Report |
|---------|--------|--------|----------|---------|-------------|------------|-------------|
| | | | | | | | |

Applicable Manufacturers Data Reports to be attached

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

| Type Code | Symbol | Stamp | | |
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Sec. 19

| enuncate | of Authorization No |
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| ianed | Oath 1 |

Date: 6/16/2009

ISI ENGINEER Owner or Owner's Designee, Title

<u>N/A</u>

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>THE HARTFORD STEAM BOILER INSPECTION</u> <u>AND INSURANCE COMPANY</u> of <u>HARTFORD, CONNECTICUT</u> have inspected the components described in this Owner's Report during the period <u>5/15/2006</u> to <u>6/16/2009</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NC# 1169 NBS441HDN. National Board, State, Province, and Endorsements

Date

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| <u> </u> | | | | | | | | ····· |
|----------------------|---------------|--|--|---|---|--------------------------------|---|---|
| 1. 0 | wner | | WER & LIGHT C | OMPANY | Date: | <u>i</u> | 6/16/2009 | |
| <u>4</u> ' | <u>11 FAY</u> | ETTEVILLE ST R Address | ALEIGH, NC 276 | 502 | Sheet: | <u> </u> | of | 2 |
| 2. P | lant | H.B.ROBINSON Name | <u>1</u> | | Unit: | | 2 | |
| 3: | 581 WE | ST Entrance RD; I | HARTSVILLE, SO | C 29550 | ESR#:5832 WR/WO:60 | 26 | EE:N | <u>I/A</u> |
| · — | • | Address | | | Rep | air Organiza | tion PO No; Job | No;etc. |
| | | rformed by <u>CAROL</u> | Name | ta natite i t | NY Type Code Authorizati | Symbol Sta on No.: Date: | imp: <u>N</u> | I/A |
| 3 | 581 WE | ST ENTRANCE R Address | <u>D: HARTSVILLE</u> | | Expiration | Date: | <u></u> N | <u>VA</u> |
| 4. ld | entifica | ition of System: | Cla | ss:3 | CHEMICAL | AND VOLU | ME CONTROL | SYSTEM206 |
| | | n har gir a dir i iz Ann | lighter er gerte ¹ int S | | cement Activity: <u>1995</u> placement Compone | Code Cas | | |
| 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) |
| Pump | | Westinghouse | N/A | N/A | BA-XFER-PMP-A | 1971 | Removed | N |
| BA-XFER- PMP-A | | Westinghouse | 2554416-1 | N/A | Pump | 2005 | Installed | Ň |
| | | | | | | | | |
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Description of Work: Replaced BA-XFER-PMP-A

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Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

1995 Edition 1996 Addenda SECTION XI DIVISION 1

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FORM NIS-2 (Back)

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| | A | pplicable Manufact | urers Data Reports I | o be attached | | |
|--|--|--|---------------------------------------|---|-----------------------|-------------------|
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| | | | E OF COMPLIANCE | | | |
| I certify that the statem | ents made in the rep | port are correct and | this conforms to the r | equirements of the | ASME Code, | Section XI. |
| Type Code Symbol Sta | amp | | <u> </u> | The second | | 1.4.1 |
| Certificate of Authoriza | ation No | | <u> </u> | | | |
| Signed Ca | the Sam | L SHARE | | Da | ite <u>ka sa</u> | 6/16/2009 |
| | د تو می افتار می مکنی مرد در منطقه می مرد می مدین | Owner or | Owner's Designee, T | itle | est i Kingd | |
| na ana yoo ka ka ka madaa ah ina | | | INSERVICE INSPE | | | |
| | | · | | | h francis | N ^a |
| | | | and and a second second | ante de la companya d | | Car . |
| I, the undersigned, ho | | | | | | an ta gat |
| State or Province of | North Carolina | and | employed by <u>THE</u> | HARTFORD STI | EAM BOILER | INSPECT |
| AND INSURANCE C | OMPANY of HAF | RTFORD, CONNEC | CTICUT have inspec | ted the componer | nts described | in this Owi |
| Report during the per | iod <u>4/29/2008</u> | and the second of | o <u> </u> | itan katalan katalan ta | and state that | to the be |
| my knowledge and b | elief, the Owner ha | is performed exam | inations and taken (| corrective measur | es described | in this Ow |
| Report in accordance | with the requireme | ents of the ASME C | ode, Section XI. | an de la constante de la const | | in standard |
| iene 1919 - Philipper Alfred He | | | | | | - |
| . By signing this certif | icate neither the In | spector or bistem | olover makes any w | arranty expresse | d or implied- | concerning |
| examinations and co | 1. 1944년 25월 | | | | | 1 1 1 1 1 |
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| shall be liable in any | manner for any per | rsonal injury of pro | perty damage or a i | USS OF ANY KING A | ising norri or | Connected |
| this inspection. | | and provide the | a a a a a a a a a a a a a a a a a a a | i Angelan angelan angelan Angelan angelan | ہ سینچ کی ہے۔ ا | |
| A men C | Reteriel Sta | ighter | Commissio | ns NC# 1169 | AB844 | TNBE |
| Inspector's | Signature | | | ard, State, Province | e, and Endorse | ments |
| and a second | | | | | | |
| Date: 6/16/2009 | and the second | n 1995 - San | an an a' mart a' | and the states of | aya e cherara | the state in some |
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APPENDIX'II MANDATORY

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

| 1. Owne | | Name | OMPANT | Date:_ | <u> </u> | 6/16/2 | 2009 | |
|--|---|--|---|--|---|---|---|---------------------------|
| <u>411 F</u> | AYETTEVILLE ST., F Address | ALEIGH, NC 276 | 02 | Sheet: | <u> </u> | of | 2 | |
| 2. Plant | H.B.ROBINSO Name | N | <u></u> | | <u> </u> | 2 | · . | |
| <u>3581 (</u> | WEST Entrance RD; Address | HARTSVILLE, SC | 29550 | | <u>N/A</u> / <u>O:1049302 03</u> Repair Organi | 3 | EE:N/A CR:N/A o;Job No;etc. | |
| | Performed by <u>CAROI</u> | Name | | ANY Type C Author Expirat | Code Symbol : ization No.: tion Date: | Stamp: | N/A N/A N/A | |
| 4. Identii | Address | Clas | •e•3 | an an an the state of the state | | | | |
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Description of Work: <u>Removed bonnet assembly from CVC-347 from stores and replaced bonnet assembly on CVC-375 (WO</u> 766697) in the plant. This task will replace the bonnet assembly on CVC-347 in stores when the new one arrives.

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

Other [VT-2] Pressure[N/A] psig Test Temp.[N/A] °F

1990 Edition 1990 Addenda SECTION XI DIVISION 1

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FORM NIS-2 (Back)

Sheet 2 of 2.

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| · | Applicable | Manufacturer | s Data Reports to | be attache | d | | |
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| I certify that the statements made in the | e report are co | prrect and this | conforms to the re | quirements | of the ASM | E Code, Sec | tion X |
| Type Code Symbol Stamp | | | N/A | · · | er e. The | | |
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