



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
					-	-		
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
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

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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

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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
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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_			
		,	
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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			
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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		· · · · · · · · · · · · · · · · · · ·	
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Report during the period		· · ·	
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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

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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>
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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				
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Report during the period	State or Province of <u>North Carolina</u>	and employed by THE	HARTFORD STEAM BO	ILER INSPECTIC
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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
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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	
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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

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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

.

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
· .			

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
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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

- ---

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

.

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>	

1

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		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		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

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
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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

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1995 Edition 1996 Addenda SECTION XI DIVISION 1

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

·:" }

j .

1995 Edition 1996 Addenda SECTION XI DIVISION 1

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 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 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			
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· · · · · · · · · · · · · · · · · · ·			

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)

.

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)

			· · · · ·	·	
	· ·		-		·
			•	· · ·	
		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.

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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
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	· · ·	
· · ·		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 Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence Addence 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			
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<u></u>			intering a second second

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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 <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

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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
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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

09-010

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
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
		······································						101.0 ×
<u></u>			<u> </u>	and the second secon	d 	har internet		

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		
			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	· .	
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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		
	CE	RTIFICATE O	F COMPLIANCE			• : •	
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		
Certificate of Authorization No	· · · · · ·		N/A				• •
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State or Province of <u>North Carolin</u>			loyed by THE		•	. •	•
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Report during the period <u>4/29/20</u>	······					·. ·	
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Report in accordance with the require	oments of the	ACME Code			in the factor of	••	
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Report in accordance with the require	cinents of the	ASME CODE	, Section XI.	•			•
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